A-1 Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
A-2 Comparison of Subsurface Soil Data to Human Health Screening Criteria (95-, ACE-, BLDG-)
A-3 Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
A-4 Comparison of Subsurface Soil Data to Human Health Screening Criteria (D13 to D26)
A-5 Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
A-6 Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
A-7 Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
A-8 Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
A-9 Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
A-10 Comparison of Background Groundwater Data (Total) to Tapwater Screening Criteria
A-11 Comparison of Background Groundwater Data (Total) to Vapor Intrusion Screening Criteria
A-12 Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria (BLDG-, GS-, OW-)
A-13 Comparison of Site Groundwater Data (Total) To Tapwater Screening Criteria (KC00-KC06)
A-14 Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria (KC84-KC86)
A-15 Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria (KC87-KC90)
A-16 Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria (KC91-KC97)
A-17 Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria (KC98-KC99)
A-18 Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria (BLDG-, GS-, OW-)
A-19 Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria (KC00-KC06)
A-20 Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria (KC84-KC86)
A-21 Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria (KC87-KC90)
A-22 Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria (KC91-KC97)
A-23 Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria (KC98-KC99)

A-24 Comparison of Site Groundwater Data (Dissolved) to Tapwater Screening Criteria
A-25 Comparison of Site Groundwater Data (Dissolved) to Vapor Intrusion Screening Criteria
A-26 Comparison of Air Data to Human Health Screening Criteria
A-27 Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
A-28 Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
A-29 Comparison of Background Sediment Data to Human Health and Ecological Screening Criteria
A-30 Comparison of Sediment Data to Human Health and Ecological Screening Criteria
A-31 Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ACE92D22	ACE92D24	ACE92D25	BD54910715-SS01	BD54910715-SS02	BD54910715-SS03	BLDG5001DP01	BLDG5001DP02	BLDG5001DP03
		2/10/1992	2/7/1992	2/11/1992	7/15/1991	7/15/1991	7/15/1991	5/16/2001	5/16/2001	5/16/2001
		BHACED22-9202-22-01	BHACED24-9202-24-01	BHACED25-9202-25-01	SSBD540910715-01-01	SSBD540910715-02-01	SSBD540910715-03-01	BHFUELAB0105-01-05	BHFUELAB0105-02-05	BHFUELAB0105-03-05
VOCs										
Acetone	67-64-1	< 0	< 0	< 0	< 0.01	< 0.01	< 0.01	< 0.02	0.043 B	0.13 B
Benzene	71-43-2				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Bromoform	75-25-2				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Bromomethane	74-83-9				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0	< 0	< 0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Chlorobenzene	108-90-7				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Chloroethane	75-00-3				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Chloroform	67-66-3				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Chloromethane	74-87-3				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,2-	107-06-2				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Dichloroethene, 1,1-	75-35-4				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Dichloroethene, 1,2- (Total)	540-59-0	< 0	< 0	< 0	< 0.01	< 0.01	< 0.01	0.059	< 0.005	< 0.005
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Ethylbenzene	100-41-4				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005

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Bannister Federal Complex

Chemical	CAS	ACE92D22	ACE92D24	ACE92D25	BD54910715-SS01	BD54910715-SS02	BD54910715-SS03	BLDG5001DP01	BLDG5001DP02	BLDG5001DP03
		2/10/1992	2/7/1992	2/11/1992	7/15/1991	7/15/1991	7/15/1991	5/16/2001	5/16/2001	5/16/2001
		BHACED22-9202-22-01	BHACED24-9202-24-01	BHACED25-9202-25-01	SSBD540910715-01-01	SSBD540910715-02-01	SSBD540910715-03-01	BHFUELAB0105-01-05	BHFUELAB0105-02-05	BHFUELAB0105-03-05
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6				< 0.01	< 0.01	< 0.01	< 0.1	< 0.1	< 0.1
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2				< 0.01	< 0.01	< 0.01	0.0063 B	< 0.005	0.006 B
Naphthalene	91-20-3	< 0	< 0	< 0						
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Tetrachloroethene	127-18-4				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Toluene	108-88-3				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1							< 0.005	< 0.005	< 0.005
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Trichloroethane, 1,1,2-	79-00-5				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Trichloroethene	79-01-6				< 0.01	< 0.01	< 0.01	0.093	0.015	0.014
Trichlorofluoromethane	75-69-4				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-					< 0.005	< 0.005	< 0.005			
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Xylene, o-	95-47-6									
Xylenes	1330-20-7				< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9	< 0	< 0	< 0						
Aniline	62-53-3									
Anthracene	120-12-7	< 0	< 0	< 0						
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3	< 0	< 0	< 0						
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2	< 0	< 0	< 0						
Benzo[k]fluoranthene	207-08-9	< 0	< 0	< 0						
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
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Bannister Federal Complex

Chemical	CAS	ACE92D22	ACE92D24	ACE92D25	BD54910715-SS01	BD54910715-SS02	BD54910715-SS03	BLDG5001DP01	BLDG5001DP02	BLDG5001DP03
		2/10/1992	2/7/1992	2/11/1992	7/15/1991	7/15/1991	7/15/1991	5/16/2001	5/16/2001	5/16/2001
		BHACED22-9202-22-01	BHACED24-9202-24-01	BHACED25-9202-25-01	SSBD540910715-01-01	SSBD540910715-02-01	SSBD540910715-03-01	BHFUELAB0105-01-05	BHFUELAB0105-02-05	BHFUELAB0105-03-05
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7	< 0	< 0	< 0						
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9	< 0	< 0	< 0						
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9	< 0	< 0	< 0						
Dibutyl Phthalate	84-74-2	< 0	< 0	< 0						
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0	< 0	< 0	< 0						
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6	< 0	< 0	< 0						
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8	< 0	< 0	< 0						
Phenol	108-95-2	< 0	< 0	< 0						
Pyrene	129-00-0	< 0	< 0	< 0						

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ACE92D22	ACE92D24	ACE92D25	BD54910715-SS01	BD54910715-SS02	BD54910715-SS03	BLDG5001DP01	BLDG5001DP02	BLDG5001DP03
		2/10/1992	2/7/1992	2/11/1992	7/15/1991	7/15/1991	7/15/1991	5/16/2001	5/16/2001	5/16/2001
		BHACED22-9202-22-01	BHACED24-9202-24-01	BHACED25-9202-25-01	SSBD540910715-01-01	SSBD540910715-02-01	SSBD540910715-03-01	BHFUELAB0105-01-05	BHFUELAB0105-02-05	BHFUELAB0105-03-05
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	8.1	5.7	2.9	< 2.5	< 2.5	11			
Barium	7440-39-3	212	186	85.5	127	196	130			
Beryllium	7440-41-7									
Cadmium	7440-43-9	< 0	< 0	< 0	***2.05***	***2.85***	***2.05***			
Calcium	7440-70-2	4040	4300	3440						
Chromium, Total	7440-47-3	21.5	18	17.1	22.1	***35.6***	***37.8***			
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6	20800	17800	14600						
Lead	7439-92-1	***12.6***	***12.3***	9	***53***	***36.8***	***57***			
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0	< 0	< 0	< 0.5	< 0.5	< 0.5			
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	< 0	< 0	< 0	< 0.25	< 0.25	< 0.25			
Silver	7440-22-4	< 0	< 0	< 0	< 1.5	< 1.5	< 1.5			
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2				< 1	< 1	< 1	< 0.2	< 0.2	< 0.2
Aroclor 1221	11104-28-2				< 1	< 1	< 1	< 0.2	< 0.2	< 0.2
Aroclor 1232	11141-16-5				< 1	< 1	< 1	< 0.2	< 0.2	< 0.2
Aroclor 1242	53469-21-9				< 1	< 1	< 1	< 0.2	< 0.2	< 0.2
Aroclor 1248	12672-29-6				< 1	< 1	< 1	< 0.2	< 0.2	< 0.2
Aroclor 1254	11097-69-1				< 1	< 1	< 1	< 0.2	< 0.2	< 0.2
Aroclor 1260	11096-82-5				< 1	< 1	< 1	< 0.2	< 0.2	< 0.2
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

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Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ACE92D22	ACE92D24	ACE92D25	BD54910715-SS01	BD54910715-SS02	BD54910715-SS03	BLDG5001DP01	BLDG5001DP02	BLDG5001DP03
		2/10/1992	2/7/1992	2/11/1992	7/15/1991	7/15/1991	7/15/1991	5/16/2001	5/16/2001	5/16/2001
		BHACED22-9202-22-01	BHACED24-9202-24-01	BHACED25-9202-25-01	SSBD540910715-01-01	SSBD540910715-02-01	SSBD540910715-03-01	BHFUELAB0105-01-05	BHFUELAB0105-02-05	BHFUELAB0105-03-05
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

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Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ACE92D22	ACE92D24	ACE92D25	BD54910715-SS01	BD54910715-SS02	BD54910715-SS03	BLDG5001DP01	BLDG5001DP02	BLDG5001DP03
		2/10/1992	2/7/1992	2/11/1992	7/15/1991	7/15/1991	7/15/1991	5/16/2001	5/16/2001	5/16/2001
		BHACED22-9202-22-01	BHACED24-9202-24-01	BHACED25-9202-25-01	SSBD540910715-01-01	SSBD540910715-02-01	SSBD540910715-03-01	BHFUELAB0105-01-05	BHFUELAB0105-02-05	BHFUELAB0105-03-05
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

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Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ACE92D22	ACE92D24	ACE92D25	BD54910715-SS01	BD54910715-SS02	BD54910715-SS03	BLDG5001DP01	BLDG5001DP02	BLDG5001DP03
		2/10/1992	2/7/1992	2/11/1992	7/15/1991	7/15/1991	7/15/1991	5/16/2001	5/16/2001	5/16/2001
		BHACED22-9202-22-01	BHACED24-9202-24-01	BHACED25-9202-25-01	SSBD540910715-01-01	SSBD540910715-02-01	SSBD540910715-03-01	BHFUELAB0105-01-05	BHFUELAB0105-02-05	BHFUELAB0105-03-05
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ACE92D22	ACE92D24	ACE92D25	BD54910715-SS01	BD54910715-SS02	BD54910715-SS03	BLDG5001DP01	BLDG5001DP02	BLDG5001DP03
		2/10/1992	2/7/1992	2/11/1992	7/15/1991	7/15/1991	7/15/1991	5/16/2001	5/16/2001	5/16/2001
		BHACED22-9202-22-01	BHACED24-9202-24-01	BHACED25-9202-25-01	SSBD540910715-01-01	SSBD540910715-02-01	SSBD540910715-03-01	BHFUELAB0105-01-05	BHFUELAB0105-02-05	BHFUELAB0105-03-05
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ACE92D22	ACE92D24	ACE92D25	BD54910715-SS01	BD54910715-SS02	BD54910715-SS03	BLDG5001DP01	BLDG5001DP02	BLDG5001DP03
		2/10/1992	2/7/1992	2/11/1992	7/15/1991	7/15/1991	7/15/1991	5/16/2001	5/16/2001	5/16/2001
		BHACED22-9202-22-01	BHACED24-9202-24-01	BHACED25-9202-25-01	SSBD540910715-01-01	SSBD540910715-02-01	SSBD540910715-03-01	BHFUELAB0105-01-05	BHFUELAB0105-02-05	BHFUELAB0105-03-05
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5							< 10	< 9.7	< 9.8
Diesel Range Organics										
Fuel Oil								< 10	< 9.7	< 9.8
Gasoline Range Organics								< 5	< 4.9	< 4.9
Jet Fuel								< 10	< 9.7	< 9.8
Kerosene	8008-20-6							< 10	< 9.7	< 9.8
Mineral Spirits	64475-85-0							< 10	< 9.7	< 9.8
Motor Oil								< 10	< 9.7	< 9.8
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)					< 20	< 20	22			
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ACE92D22	ACE92D24	ACE92D25	BD54910715-SS01	BD54910715-SS02	BD54910715-SS03	BLDG5001DP01	BLDG5001DP02	BLDG5001DP03
		2/10/1992	2/7/1992	2/11/1992	7/15/1991	7/15/1991	7/15/1991	5/16/2001	5/16/2001	5/16/2001
		BHACED22-9202-22-01	BHACED24-9202-24-01	BHACED25-9202-25-01	SSBD540910715-01-01	SSBD540910715-02-01	SSBD540910715-03-01	BHFUELAB0105-01-05	BHFUELAB0105-02-05	BHFUELAB0105-03-05

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP06	BLDG5001DP07	BLDG5001DP08	BLDG50050221SS01	BLDG50050221SS02	BLDG50050221SS03	BLDG50050221SS04
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	2/21/2005	2/21/2005	2/21/2005	2/21/2005
		BHFUELAB0105-04-05	BHFUELAB0105-05-05	BHFUELAB0105-06-05	BHFUELAB0105-07-05	BHFUELAB0105-08-05	SSBLDG50050221-01-01	SSBLDG50050221-02-01	SSBLDG50050221-03-01	SSBLDG50050221-04-01
VOCs										
Acetone	67-64-1	0.17 B	0.12 B	0.1 B	0.057 B	0.02 B				
Benzene	71-43-2	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Bromoform	75-25-2	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Bromomethane	74-83-9	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.05	< 0.05	< 0.01	< 0.01				
Carbon Tetrachloride	56-23-5	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Chlorobenzene	108-90-7	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Chloroethane	75-00-3	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.0011	< 0.00098	< 0.00098	< 0.001
Chloroform	67-66-3	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Chloromethane	74-87-3	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.0011	< 0.00098	< 0.00098	< 0.001
Dichloroethane, 1,2-	107-06-2	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.0011	< 0.00092	< 0.00092	< 0.00098
Dichloroethene, 1,1-	75-35-4	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.0015	< 0.0013	< 0.0013	< 0.0014
Dichloroethene, 1,2- (Total)	540-59-0	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Dichloroethylene, 1,2-cis-	156-59-2						< 0.0012	< 0.0011	< 0.0011	< 0.0011
Dichloroethylene, 1,2-trans-	156-60-5						< 0.0012	< 0.0011	< 0.0011	< 0.0011
Dichloropropane, 1,2-	78-87-5	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Ethylbenzene	100-41-4	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP06	BLDG5001DP07	BLDG5001DP08	BLDG50050221SS01	BLDG50050221SS02	BLDG50050221SS03	BLDG50050221SS04
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	2/21/2005	2/21/2005	2/21/2005	2/21/2005
		BHFUELAB0105-04-05	BHFUELAB0105-05-05	BHFUELAB0105-06-05	BHFUELAB0105-07-05	BHFUELAB0105-08-05	SSBLDG50050221-01-01	SSBLDG50050221-02-01	SSBLDG50050221-03-01	SSBLDG50050221-04-01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.1	< 0.5	< 0.5	< 0.1	< 0.1				
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.05	< 0.05	< 0.01	< 0.01				
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.05	< 0.05	< 0.01	< 0.01				
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	0.0062 B	< 0.025	< 0.025	< 0.005	< 0.005				
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Tetrachloroethene	127-18-4	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.0013	< 0.0012	< 0.0012	< 0.0012
Toluene	108-88-3	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.0012	< 0.0011	< 0.0011	< 0.0011
Trichloroethane, 1,1,2-	79-00-5	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Trichloroethene	79-01-6	< 0.005	< 0.025	< 0.025	< 0.005	0.019	< 0.0012	< 0.0011	< 0.0011	< 0.0011
Trichlorofluoromethane	75-69-4	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.0012	< 0.0011	< 0.0011	< 0.0011
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005				
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP06	BLDG5001DP07	BLDG5001DP08	BLDG50050221SS01	BLDG50050221SS02	BLDG50050221SS03	BLDG50050221SS04
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	2/21/2005	2/21/2005	2/21/2005	2/21/2005
		BHFUELAB0105-04-05	BHFUELAB0105-05-05	BHFUELAB0105-06-05	BHFUELAB0105-07-05	BHFUELAB0105-08-05	SSBLDG50050221-01-01	SSBLDG50050221-02-01	SSBLDG50050221-03-01	SSBLDG50050221-04-01
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP06	BLDG5001DP07	BLDG5001DP08	BLDG50050221SS01	BLDG50050221SS02	BLDG50050221SS03	BLDG50050221SS04
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	2/21/2005	2/21/2005	2/21/2005	2/21/2005
		BHFUELAB0105-04-05	BHFUELAB0105-05-05	BHFUELAB0105-06-05	BHFUELAB0105-07-05	BHFUELAB0105-08-05	SSBLDG50050221-01-01	SSBLDG50050221-02-01	SSBLDG50050221-03-01	SSBLDG50050221-04-01
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.2	< 0.17	< 0.18	< 0.18	< 0.18	< 0.012	< 0.012	< 0.011	< 0.012
Aroclor 1221	11104-28-2	< 0.2	< 0.17	< 0.18	< 0.18	< 0.18	< 0.0061	< 0.006	< 0.0055	< 0.0061
Aroclor 1232	11141-16-5	< 0.2	< 0.17	< 0.18	< 0.18	< 0.18	< 0.006	< 0.0058	< 0.0054	< 0.0059
Aroclor 1242	53469-21-9	< 0.2	< 0.17	< 0.18	< 0.18	< 0.18	< 0.0065	< 0.0064	< 0.0059	< 0.0065
Aroclor 1248	12672-29-6	< 0.2	< 0.17	< 0.18	< 0.18	< 0.18	< 0.0049	< 0.0048	< 0.0045	< 0.0049
Aroclor 1254	11097-69-1	< 0.2	< 0.17	< 0.18	< 0.18	< 0.18	< 0.006	< 0.0058	< 0.0054	< 0.0059
Aroclor 1260	11096-82-5	< 0.2	< 0.17	< 0.18	< 0.18	< 0.18	***0.068***	***0.061***	***0.095***	***0.1***
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP06	BLDG5001DP07	BLDG5001DP08	BLDG50050221SS01	BLDG50050221SS02	BLDG50050221SS03	BLDG50050221SS04
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	2/21/2005	2/21/2005	2/21/2005	2/21/2005
		BHFUELAB0105-04-05	BHFUELAB0105-05-05	BHFUELAB0105-06-05	BHFUELAB0105-07-05	BHFUELAB0105-08-05	SSBLDG50050221-01-01	SSBLDG50050221-02-01	SSBLDG50050221-03-01	SSBLDG50050221-04-01
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
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PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP06	BLDG5001DP07	BLDG5001DP08	BLDG50050221SS01	BLDG50050221SS02	BLDG50050221SS03	BLDG50050221SS04
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	2/21/2005	2/21/2005	2/21/2005	2/21/2005
		BHFUELAB0105-04-05	BHFUELAB0105-05-05	BHFUELAB0105-06-05	BHFUELAB0105-07-05	BHFUELAB0105-08-05	SSBLDG50050221-01-01	SSBLDG50050221-02-01	SSBLDG50050221-03-01	SSBLDG50050221-04-01
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
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PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP06	BLDG5001DP07	BLDG5001DP08	BLDG50050221SS01	BLDG50050221SS02	BLDG50050221SS03	BLDG50050221SS04
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	2/21/2005	2/21/2005	2/21/2005	2/21/2005
		BHFUELAB0105-04-05	BHFUELAB0105-05-05	BHFUELAB0105-06-05	BHFUELAB0105-07-05	BHFUELAB0105-08-05	SSBLDG50050221-01-01	SSBLDG50050221-02-01	SSBLDG50050221-03-01	SSBLDG50050221-04-01
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP06	BLDG5001DP07	BLDG5001DP08	BLDG50050221SS01	BLDG50050221SS02	BLDG50050221SS03	BLDG50050221SS04
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	2/21/2005	2/21/2005	2/21/2005	2/21/2005
		BHFUELAB0105-04-05	BHFUELAB0105-05-05	BHFUELAB0105-06-05	BHFUELAB0105-07-05	BHFUELAB0105-08-05	SSBLDG50050221-01-01	SSBLDG50050221-02-01	SSBLDG50050221-03-01	SSBLDG50050221-04-01
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
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PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP06	BLDG5001DP07	BLDG5001DP08	BLDG50050221SS01	BLDG50050221SS02	BLDG50050221SS03	BLDG50050221SS04
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	2/21/2005	2/21/2005	2/21/2005	2/21/2005
		BHFUELAB0105-04-05	BHFUELAB0105-05-05	BHFUELAB0105-06-05	BHFUELAB0105-07-05	BHFUELAB0105-08-05	SSBLDG50050221-01-01	SSBLDG50050221-02-01	SSBLDG50050221-03-01	SSBLDG50050221-04-01
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
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PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5	< 9.8	< 9.9	< 10	< 9.9	< 9.8				
Diesel Range Organics										
Fuel Oil		< 9.8	< 9.9	< 10	< 9.9	< 9.8				
Gasoline Range Organics		< 5	470	50	23	< 4.9				
Jet Fuel		< 9.8	< 9.9	< 10	< 9.9	< 9.8				
Kerosene	8008-20-6	< 9.8	< 9.9	< 10	< 9.9	< 9.8				
Mineral Spirits	64475-85-0	< 9.8	< 9.9	< 10	< 9.9	< 9.8				
Motor Oil		< 9.8	< 9.9	< 10	< 9.9	< 9.8				
Oil Range Hydrocarbons										
TPH (Heavy)			24							
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP06	BLDG5001DP07	BLDG5001DP08	BLDG50050221SS01	BLDG50050221SS02	BLDG50050221SS03	BLDG50050221SS04
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	2/21/2005	2/21/2005	2/21/2005	2/21/2005
		BHFUELAB0105-04-05	BHFUELAB0105-05-05	BHFUELAB0105-06-05	BHFUELAB0105-07-05	BHFUELAB0105-08-05	SSBLDG50050221-01-01	SSBLDG50050221-02-01	SSBLDG50050221-03-01	SSBLDG50050221-04-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50050221SS05	BLDG50050221SS06	BLDG500610-SP12	BLDG500610-SP14	BLDG500610-SP15	BLDG500610-SP21	BLDG500610-SP22	BLDG500704SP101	BLDG500704SP102
		2/21/2005	2/21/2005	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	4/26/2007	4/26/2007
		SSBLDG50050221-05-01	SSBLDG50050221-06-01	SPBLDG500610-12-08	SPBLDG500610-14-08	SPBLDG500610-15-07	SPBLDG500610-21-07	SPBLDG500610-22-08	DPBLDG500704-101-02	DPBLDG500704-102-02
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3	< 0.0012	< 0.00099							
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.0012	< 0.00099							
Dichloroethane, 1,2-	107-06-2	< 0.0011	< 0.00093							
Dichloroethene, 1,1-	75-35-4	< 0.0015	< 0.0013							
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	< 0.0013	< 0.0011							
Dichloroethylene, 1,2-trans-	156-60-5	< 0.0013	< 0.0011							
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50050221SS05	BLDG50050221SS06	BLDG500610-SP12	BLDG500610-SP14	BLDG500610-SP15	BLDG500610-SP21	BLDG500610-SP22	BLDG500704SP101	BLDG500704SP102
		2/21/2005	2/21/2005	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	4/26/2007	4/26/2007
		SSBLDG50050221-05-01	SSBLDG50050221-06-01	SPBLDG500610-12-08	SPBLDG500610-14-08	SPBLDG500610-15-07	SPBLDG500610-21-07	SPBLDG500610-22-08	DPBLDG500704-101-02	DPBLDG500704-102-02
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.0014	< 0.0012							
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.0013	< 0.0011							
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 0.0013	< 0.0011							
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.0013	< 0.0011							
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50050221SS05	BLDG50050221SS06	BLDG500610-SP12	BLDG500610-SP14	BLDG500610-SP15	BLDG500610-SP21	BLDG500610-SP22	BLDG500704SP101	BLDG500704SP102
		2/21/2005	2/21/2005	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	4/26/2007	4/26/2007
		SSBLDG50050221-05-01	SSBLDG50050221-06-01	SPBLDG500610-12-08	SPBLDG500610-14-08	SPBLDG500610-15-07	SPBLDG500610-21-07	SPBLDG500610-22-08	DPBLDG500704-101-02	DPBLDG500704-102-02
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50050221SS05	BLDG50050221SS06	BLDG500610-SP12	BLDG500610-SP14	BLDG500610-SP15	BLDG500610-SP21	BLDG500610-SP22	BLDG500704SP101	BLDG500704SP102
		2/21/2005	2/21/2005	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	4/26/2007	4/26/2007
		SSBLDG50050221-05-01	SSBLDG50050221-06-01	SPBLDG500610-12-08	SPBLDG500610-14-08	SPBLDG500610-15-07	SPBLDG500610-21-07	SPBLDG500610-22-08	DPBLDG500704-101-02	DPBLDG500704-102-02
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.011	< 0.011	< 0.0414	< 0.0408	< 0.0395	< 0.0414	< 0.0407	< 0.0391	< 0.041
Aroclor 1221	11104-28-2	< 0.0059	< 0.0057	< 0.0414	< 0.0408	< 0.0395	< 0.0414	< 0.0407	< 0.0391	< 0.041
Aroclor 1232	11141-16-5	< 0.0058	< 0.0056	< 0.0414	< 0.0408	< 0.0395	< 0.0414	< 0.0407	< 0.0391	< 0.041
Aroclor 1242	53469-21-9	< 0.0063	< 0.0061	< 0.0414	< 0.0408	< 0.0395	< 0.0414	< 0.0407	< 0.0391	< 0.041
Aroclor 1248	12672-29-6	< 0.0047	< 0.0046	< 0.0414	< 0.0408	< 0.0395	< 0.0414	< 0.0407	< 0.0391	< 0.041
Aroclor 1254	11097-69-1	< 0.0058	< 0.0056	< 0.0414	< 0.0408	< 0.0395	< 0.0414	< 0.0407	< 0.0391	< 0.041
Aroclor 1260	11096-82-5	***0.1***	***0.066***	< 0.0414	< 0.0408	< 0.0395	< 0.0414	< 0.0407	< 0.0391	< 0.041
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50050221SS05	BLDG50050221SS06	BLDG500610-SP12	BLDG500610-SP14	BLDG500610-SP15	BLDG500610-SP21	BLDG500610-SP22	BLDG500704SP101	BLDG500704SP102
		2/21/2005	2/21/2005	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	4/26/2007	4/26/2007
		SSBLDG50050221-05-01	SSBLDG50050221-06-01	SPBLDG500610-12-08	SPBLDG500610-14-08	SPBLDG500610-15-07	SPBLDG500610-21-07	SPBLDG500610-22-08	DPBLDG500704-101-02	DPBLDG500704-102-02
PCB-009										
PCB-010										
PCB-011										
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PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50050221SS05	BLDG50050221SS06	BLDG500610-SP12	BLDG500610-SP14	BLDG500610-SP15	BLDG500610-SP21	BLDG500610-SP22	BLDG500704SP101	BLDG500704SP102
		2/21/2005	2/21/2005	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	4/26/2007	4/26/2007
		SSBLDG50050221-05-01	SSBLDG50050221-06-01	SPBLDG500610-12-08	SPBLDG500610-14-08	SPBLDG500610-15-07	SPBLDG500610-21-07	SPBLDG500610-22-08	DPBLDG500704-101-02	DPBLDG500704-102-02
PCB-053										
PCB-054										
PCB-055										
PCB-056										
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PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
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PCB-081	70362-50-4									
PCB-082										
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PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50050221SS05	BLDG50050221SS06	BLDG500610-SP12	BLDG500610-SP14	BLDG500610-SP15	BLDG500610-SP21	BLDG500610-SP22	BLDG500704SP101	BLDG500704SP102
		2/21/2005	2/21/2005	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	4/26/2007	4/26/2007
		SSBLDG50050221-05-01	SSBLDG50050221-06-01	SPBLDG500610-12-08	SPBLDG500610-14-08	SPBLDG500610-15-07	SPBLDG500610-21-07	SPBLDG500610-22-08	DPBLDG500704-101-02	DPBLDG500704-102-02
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50050221SS05	BLDG50050221SS06	BLDG500610-SP12	BLDG500610-SP14	BLDG500610-SP15	BLDG500610-SP21	BLDG500610-SP22	BLDG500704SP101	BLDG500704SP102
		2/21/2005	2/21/2005	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	4/26/2007	4/26/2007
		SSBLDG50050221-05-01	SSBLDG50050221-06-01	SPBLDG500610-12-08	SPBLDG500610-14-08	SPBLDG500610-15-07	SPBLDG500610-21-07	SPBLDG500610-22-08	DPBLDG500704-101-02	DPBLDG500704-102-02
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
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PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50050221SS05	BLDG50050221SS06	BLDG500610-SP12	BLDG500610-SP14	BLDG500610-SP15	BLDG500610-SP21	BLDG500610-SP22	BLDG500704SP101	BLDG500704SP102
		2/21/2005	2/21/2005	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	4/26/2007	4/26/2007
		SSBLDG50050221-05-01	SSBLDG50050221-06-01	SPBLDG500610-12-08	SPBLDG500610-14-08	SPBLDG500610-15-07	SPBLDG500610-21-07	SPBLDG500610-22-08	DPBLDG500704-101-02	DPBLDG500704-102-02
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
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PCB-197										
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PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics							88.9	82.4		
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons							67.1	37.3		
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974			20.3	19.1	16.7	20.4	19.1	16.7	20.4

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50050221SS05	BLDG50050221SS06	BLDG500610-SP12	BLDG500610-SP14	BLDG500610-SP15	BLDG500610-SP21	BLDG500610-SP22	BLDG500704SP101	BLDG500704SP102
		2/21/2005	2/21/2005	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	4/26/2007	4/26/2007
		SSBLDG50050221-05-01	SSBLDG50050221-06-01	SPBLDG500610-12-08	SPBLDG500610-14-08	SPBLDG500610-15-07	SPBLDG500610-21-07	SPBLDG500610-22-08	DPBLDG500704-101-02	DPBLDG500704-102-02

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG500704SP103	BLDG500704SP104	BLDG500704SP105	BLDG500704SP106	BLDG500704SP107	BLDG500704SP108	BLDG500704SP109	BLDG500704SP110	BLDG500704SP201
		4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007
		DPBLDG500704-103-02	DPBLDG500704-104-02	DPBLDG500704-105-02	DPBLDG500704-106-01	DPBLDG500704-107-01	DPBLDG500704-108-02	DPBLDG500704-109-02	DPBLDG500704-110-02	DPBLDG500704-201-07
VOCs										
Acetone	67-64-1									0.0266
Benzene	71-43-2									< 0.0043
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									< 0.0043
Bromochloromethane	74-97-5									< 0.0043
Bromodichloromethane	75-27-4									< 0.0043
Bromoform	75-25-2									< 0.0043
Bromomethane	74-83-9									< 0.0043
Butylbenzene, n-	104-51-8									< 0.0043
Butylbenzene, sec-	135-98-8									< 0.0043
Butylbenzene, tert-	98-06-6									< 0.0043
Carbon Disulfide	75-15-0									< 0.0043
Carbon Tetrachloride	56-23-5									< 0.0043
Chlorobenzene	108-90-7									< 0.0043
Chloroethane	75-00-3									< 0.0043
Chloroform	67-66-3									< 0.0043
Chloromethane	74-87-3									< 0.0043
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									< 0.0043
Chlorotoluene, p-	106-43-4									< 0.0043
cis-1,3-Dichloropropene	10061-01-5									< 0.0043
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									< 0.0043
Dibromochloromethane	124-48-1									< 0.0043
Dibromoethane, 1,2-	106-93-4									< 0.0043
Dibromomethane (Methylene Bromide)	74-95-3									< 0.0043
Dichlorobenzene, 1,2-	95-50-1									< 0.0043
Dichlorobenzene, 1,3-	541-73-1									< 0.0043
Dichlorobenzene, 1,4-	106-46-7									< 0.0043
Dichlorodifluoromethane	75-71-8									< 0.0043
Dichloroethane, 1,1-	75-34-3									< 0.0043
Dichloroethane, 1,2-	107-06-2									< 0.0043
Dichloroethene, 1,1-	75-35-4									< 0.0043
Dichloroethene, 1,2- (Total)	540-59-0									< 0.0043
Dichloroethylene, 1,2-cis-	156-59-2									< 0.0043
Dichloroethylene, 1,2-trans-	156-60-5									< 0.0043
Dichloropropane, 1,2-	78-87-5									< 0.0043
Dichloropropane, 1,3-	142-28-9									< 0.0043
Dichloropropane, 2,2-	594-20-7									< 0.0043
Dichloropropene, 1,1-	563-58-6									< 0.0043
Dichloropropene, trans-1,3-	10061-02-6									< 0.0043
Ethylbenzene	100-41-4									< 0.0043

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG500704SP103	BLDG500704SP104	BLDG500704SP105	BLDG500704SP106	BLDG500704SP107	BLDG500704SP108	BLDG500704SP109	BLDG500704SP110	BLDG500704SP201
		4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007
		DPBLDG500704-103-02	DPBLDG500704-104-02	DPBLDG500704-105-02	DPBLDG500704-106-01	DPBLDG500704-107-01	DPBLDG500704-108-02	DPBLDG500704-109-02	DPBLDG500704-110-02	DPBLDG500704-201-07
Hexachlorobutadiene	87-68-3									< 0.0043
Hexanone, 2-	591-78-6									< 0.0173
Isopropylbenzene (Cumene)	98-82-8									< 0.0043
Isopropyltoluene, p-	99-87-6									< 0.0043
Methyl Ethyl Ketone (2-Butanone)	78-93-3									< 0.0086
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									< 0.0086
Methyl tert-Butyl Ether (MTBE)	1634-04-4									< 0.0043
Methylene Chloride	75-09-2									< 0.0043
Naphthalene	91-20-3									< 0.0086
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									< 0.0043
Styrene	100-42-5									< 0.0043
Tetrachloroethane, 1,1,1,2-	630-20-6									< 0.0043
Tetrachloroethane, 1,1,2,2-	79-34-5									< 0.0043
Tetrachloroethene	127-18-4									< 0.0043
Toluene	108-88-3									< 0.0043
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									< 0.0043
Trichlorobenzene, 1,2,4-	120-82-1									< 0.0043
Trichloroethane, 1,1,1-	71-55-6									< 0.0043
Trichloroethane, 1,1,2-	79-00-5									< 0.0043
Trichloroethene	79-01-6									< 0.0043
Trichlorofluoromethane	75-69-4									< 0.0043
Trichloropropane, 1,2,3-	96-18-4									< 0.0043
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									< 0.0043
Trimethylbenzene, 1,3,5-	108-67-8									< 0.0043
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									< 0.0043
Xylene, o-	95-47-6									
Xylenes	1330-20-7									< 0.0043
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG500704SP103	BLDG500704SP104	BLDG500704SP105	BLDG500704SP106	BLDG500704SP107	BLDG500704SP108	BLDG500704SP109	BLDG500704SP110	BLDG500704SP201
		4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007
		DPBLDG500704-103-02	DPBLDG500704-104-02	DPBLDG500704-105-02	DPBLDG500704-106-01	DPBLDG500704-107-01	DPBLDG500704-108-02	DPBLDG500704-109-02	DPBLDG500704-110-02	DPBLDG500704-201-07
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG500704SP103	BLDG500704SP104	BLDG500704SP105	BLDG500704SP106	BLDG500704SP107	BLDG500704SP108	BLDG500704SP109	BLDG500704SP110	BLDG500704SP201
		4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007
		DPBLDG500704-103-02	DPBLDG500704-104-02	DPBLDG500704-105-02	DPBLDG500704-106-01	DPBLDG500704-107-01	DPBLDG500704-108-02	DPBLDG500704-109-02	DPBLDG500704-110-02	DPBLDG500704-201-07
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.0403	< 15.5	< 0.0405	< 0.0392	< 0.0393	< 0.0387	< 0.0397	< 0.0385	< 0.04
Aroclor 1221	11104-28-2	< 0.0403	< 15.5	< 0.0405	< 0.0392	< 0.0393	< 0.0387	< 0.0397	< 0.0385	< 0.04
Aroclor 1232	11141-16-5	< 0.0403	< 15.5	< 0.0405	< 0.0392	< 0.0393	< 0.0387	< 0.0397	< 0.0385	< 0.04
Aroclor 1242	53469-21-9	< 0.0403	< 15.5	< 0.0405	< 0.0392	< 0.0393	< 0.0387	< 0.0397	< 0.0385	< 0.04
Aroclor 1248	12672-29-6	< 0.0403	< 15.5	< 0.0405	< 0.0392	< 0.0393	< 0.0387	< 0.0397	< 0.0385	< 0.04
Aroclor 1254	11097-69-1	< 0.0403	< 15.5	< 0.0405	< 0.0392	< 0.0393	< 0.0387	< 0.0397	< 0.0385	< 0.04
Aroclor 1260	11096-82-5	< 0.0403	***293***	***0.479***	***0.0397***	< 0.0393	***0.0953***	< 0.0397	< 0.0385	< 0.04
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG500704SP103	BLDG500704SP104	BLDG500704SP105	BLDG500704SP106	BLDG500704SP107	BLDG500704SP108	BLDG500704SP109	BLDG500704SP110	BLDG500704SP201
		4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007
		DPBLDG500704-103-02	DPBLDG500704-104-02	DPBLDG500704-105-02	DPBLDG500704-106-01	DPBLDG500704-107-01	DPBLDG500704-108-02	DPBLDG500704-109-02	DPBLDG500704-110-02	DPBLDG500704-201-07
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PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG500704SP103	BLDG500704SP104	BLDG500704SP105	BLDG500704SP106	BLDG500704SP107	BLDG500704SP108	BLDG500704SP109	BLDG500704SP110	BLDG500704SP201
		4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007
		DPBLDG500704-103-02	DPBLDG500704-104-02	DPBLDG500704-105-02	DPBLDG500704-106-01	DPBLDG500704-107-01	DPBLDG500704-108-02	DPBLDG500704-109-02	DPBLDG500704-110-02	DPBLDG500704-201-07
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PCB-076										
PCB-077	32598-13-3									
PCB-078										
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PCB-081	70362-50-4									
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PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG500704SP103	BLDG500704SP104	BLDG500704SP105	BLDG500704SP106	BLDG500704SP107	BLDG500704SP108	BLDG500704SP109	BLDG500704SP110	BLDG500704SP201
		4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007
		DPBLDG500704-103-02	DPBLDG500704-104-02	DPBLDG500704-105-02	DPBLDG500704-106-01	DPBLDG500704-107-01	DPBLDG500704-108-02	DPBLDG500704-109-02	DPBLDG500704-110-02	DPBLDG500704-201-07
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG500704SP103	BLDG500704SP104	BLDG500704SP105	BLDG500704SP106	BLDG500704SP107	BLDG500704SP108	BLDG500704SP109	BLDG500704SP110	BLDG500704SP201
		4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007
		DPBLDG500704-103-02	DPBLDG500704-104-02	DPBLDG500704-105-02	DPBLDG500704-106-01	DPBLDG500704-107-01	DPBLDG500704-108-02	DPBLDG500704-109-02	DPBLDG500704-110-02	DPBLDG500704-201-07
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG500704SP103	BLDG500704SP104	BLDG500704SP105	BLDG500704SP106	BLDG500704SP107	BLDG500704SP108	BLDG500704SP109	BLDG500704SP110	BLDG500704SP201
		4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007
		DPBLDG500704-103-02	DPBLDG500704-104-02	DPBLDG500704-105-02	DPBLDG500704-106-01	DPBLDG500704-107-01	DPBLDG500704-108-02	DPBLDG500704-109-02	DPBLDG500704-110-02	DPBLDG500704-201-07
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974	18.7	17	19.3	17.2	16.5	17	17.8	16.1	18.9

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG500704SP103	BLDG500704SP104	BLDG500704SP105	BLDG500704SP106	BLDG500704SP107	BLDG500704SP108	BLDG500704SP109	BLDG500704SP110	BLDG500704SP201
		4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007	4/26/2007
		DPBLDG500704-103-02	DPBLDG500704-104-02	DPBLDG500704-105-02	DPBLDG500704-106-01	DPBLDG500704-107-01	DPBLDG500704-108-02	DPBLDG500704-109-02	DPBLDG500704-110-02	DPBLDG500704-201-07

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA12	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010
		SSBLDG50071029-01-01	BHAA101012-17-01	BHAA101012-17-99	BHAA121012-20-01	BHAA121012-20-99	BHAB161012-18-01	BHAB161012-18-99	BHI221012-23-01	BHI221012-23-99
VOCs										
Acetone	67-64-1		< 0.0081		0.0133 J		0.0432		< 0.0084	
Benzene	71-43-2		< 0.00068		< 0.00057		< 0.00075		< 0.00071	
Bis(2-chloroethyl)ether	111-44-4		< 0.043		< 0.41		< 0.047		< 0.041	
Bromobenzene	108-86-1		< 0.00054		< 0.00045		< 0.00059		< 0.00056	
Bromochloromethane	74-97-5		< 0.00057		< 0.00048		< 0.00063		< 0.00059	
Bromodichloromethane	75-27-4		< 0.00072		< 0.0006		< 0.00079		< 0.00075	
Bromoform	75-25-2		< 0.00091		< 0.00075		< 0.00099		< 0.00094	
Bromomethane	74-83-9		< 0.0012		< 0.00098		< 0.0013		< 0.0012	
Butylbenzene, n-	104-51-8		< 0.00068		< 0.00056		< 0.00074		< 0.0007	
Butylbenzene, sec-	135-98-8		< 0.00075		< 0.00063		< 0.00082		< 0.00078	
Butylbenzene, tert-	98-06-6		< 0.001		< 0.00085		< 0.0011		< 0.0011	
Carbon Disulfide	75-15-0		< 0.00055		< 0.00046		< 0.0006		< 0.00057	
Carbon Tetrachloride	56-23-5		< 0.00063		< 0.00052		< 0.00069		< 0.00065	
Chlorobenzene	108-90-7		< 0.00055		< 0.00046		< 0.0006		< 0.00057	
Chloroethane	75-00-3		< 0.0009		< 0.00074		< 0.00098		< 0.00093	
Chloroform	67-66-3		< 0.00059		< 0.00049		< 0.00065		< 0.00061	
Chloromethane	74-87-3		< 0.0011		< 0.00092		< 0.0012		< 0.0011	
Chloronaphthalene, Beta-	91-58-7		< 0.039		< 0.37		< 0.043		< 0.038	
Chlorophenol, 2-	95-57-8		< 0.05		< 0.48		< 0.056		< 0.049	
Chlorotoluene, o-	95-49-8		< 0.00083		< 0.00069		< 0.0009		< 0.00086	
Chlorotoluene, p-	106-43-4		< 0.0011		< 0.00088		< 0.0012		< 0.0011	
cis-1,3-Dichloropropene	10061-01-5		< 0.00053		< 0.00044		< 0.00057		< 0.00054	
Cresol, p-chloro-m-	59-50-7		< 0.04		< 0.38		< 0.044		< 0.039	
Dibromo-3-chloropropane, 1,2-	96-12-8		< 0.0026		< 0.0022		< 0.0029		< 0.0027	
Dibromochloromethane	124-48-1		< 0.00054		< 0.00045		< 0.00059		< 0.00056	
Dibromoethane, 1,2-	106-93-4		< 0.00097		< 0.00081		< 0.0011		< 0.001	
Dibromomethane (Methylene Bromide)	74-95-3		< 0.00092		< 0.00076		< 0.001		< 0.00095	
Dichlorobenzene, 1,2-	95-50-1		< 0.0007		< 0.00058		< 0.00077		< 0.00073	
Dichlorobenzene, 1,3-	541-73-1		< 0.0007		< 0.00058		< 0.00077		< 0.00073	
Dichlorobenzene, 1,4-	106-46-7		< 0.00068		< 0.00057		< 0.00075		< 0.00071	
Dichlorodifluoromethane	75-71-8		< 0.0012		< 0.00097		< 0.0013		< 0.0012	
Dichloroethane, 1,1-	75-34-3		< 0.00089		< 0.00074		< 0.00097		< 0.00092	
Dichloroethane, 1,2-	107-06-2		< 0.00066		< 0.00055		< 0.00072		< 0.00068	
Dichloroethene, 1,1-	75-35-4		< 0.00076		< 0.00063		< 0.00083		< 0.00078	
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2		< 0.00099		< 0.00082		< 0.0011		< 0.001	
Dichloroethylene, 1,2-trans-	156-60-5		< 0.00077		< 0.00064		< 0.00084		< 0.0008	
Dichloropropane, 1,2-	78-87-5		< 0.00079		< 0.00065		< 0.00086		< 0.00081	
Dichloropropane, 1,3-	142-28-9		< 0.00069		< 0.00057		< 0.00075		< 0.00071	
Dichloropropane, 2,2-	594-20-7		< 0.00057		< 0.00047		< 0.00062		< 0.00059	
Dichloropropene, 1,1-	563-58-6		< 0.00065		< 0.00054		< 0.00071		< 0.00067	
Dichloropropene, trans-1,3-	10061-02-6		< 0.00061		< 0.00051		< 0.00067		< 0.00064	
Ethylbenzene	100-41-4		0.0038 J		< 0.00073		0.0131		< 0.00092	

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA12	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010
		SSBLDG50071029-01-01	BHAA101012-17-01	BHAA101012-17-99	BHAA121012-20-01	BHAA121012-20-99	BHAB161012-18-01	BHAB161012-18-99	BHI221012-23-01	BHI221012-23-99
Hexachlorobutadiene	87-68-3		< 0.0011		< 0.00093		< 0.0012		< 0.0012	
Hexanone, 2-	591-78-6		< 0.0065		< 0.0054		< 0.0071		< 0.0067	
Isopropylbenzene (Cumene)	98-82-8		< 0.00068		< 0.00057		< 0.00075		< 0.00071	
Isopropyltoluene, p-	99-87-6		< 0.00089		< 0.00074		< 0.00097		< 0.00092	
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.0057		< 0.0047		< 0.0062		< 0.0059	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.0054		< 0.0045		< 0.0059		< 0.0056	
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2		0.0038 J		< 0.0019		0.0066 J		0.0129	
Naphthalene	91-20-3		0.127		0.146		< 0.00093		< 0.00088	
Nitrobenzene	98-95-3		< 0.029		< 0.28		< 0.032		< 0.028	
Propylbenzene, n-	103-65-1		< 0.00072		< 0.0006		< 0.00079		< 0.00075	
Styrene	100-42-5		< 0.00076		< 0.00063		< 0.00083		< 0.00079	
Tetrachloroethane, 1,1,1,2-	630-20-6		< 0.00041		< 0.00034		< 0.00045		< 0.00043	
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.0013		< 0.0011		< 0.0014		< 0.0014	
Tetrachloroethene	127-18-4		< 0.00076		< 0.00063		< 0.00083		< 0.00078	
Toluene	108-88-3		< 0.00093		< 0.00077		< 0.001		< 0.00096	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6		< 0.001		< 0.00085		< 0.0011		< 0.0011	
Trichlorobenzene, 1,2,4-	120-82-1		< 0.001		< 0.00084		< 0.0011		< 0.001	
Trichloroethane, 1,1,1-	71-55-6		< 0.00068		< 0.00056		< 0.00074		< 0.0007	
Trichloroethane, 1,1,2-	79-00-5		< 0.0019		< 0.0016		< 0.0021		< 0.002	
Trichloroethene	79-01-6		< 0.0017		< 0.0014		< 0.0018		0.0032 J	
Trichlorofluoromethane	75-69-4		< 0.00068		< 0.00057		< 0.00075		< 0.00071	
Trichloropropane, 1,2,3-	96-18-4		< 0.0017		< 0.0014		< 0.0018		< 0.0017	
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6		< 0.00083		< 0.00069		< 0.00091		< 0.00086	
Trimethylbenzene, 1,3,5-	108-67-8		< 0.00096		< 0.0008		< 0.0011		< 0.001	
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4		< 0.001		< 0.00083		< 0.0011		< 0.001	
Xylene, o-	95-47-6		0.0068		< 0.00052		0.0252		< 0.00065	
Xylenes	1330-20-7		0.0246		< 0.0017		0.0929		< 0.0021	
Xylenes, m & p			0.0178		< 0.0012		0.0676		< 0.0015	
SVOCs										
Acenaphthene	83-32-9		0.0431		< 0.011		< 0.0013		< 0.0012	
Aniline	62-53-3		< 0.2		< 1.9		< 0.22		< 0.19	
Anthracene	120-12-7		0.0671		0.308		0.0026 J		< 0.0013	
Benzidine	92-87-5		< 0.33		< 3.1		< 0.36		< 0.32	
Benzo[a]anthracene	56-55-3		0.434		0.594		0.0438		< 0.0011	
Benzo[a]pyrene	50-32-8		0.255		0.378		0.0452		< 0.0037	
Benzo[b]fluoranthene	205-99-2		0.311		0.538		0.0774		< 0.0037	
Benzo[k]fluoranthene	207-08-9		0.158		0.221		< 0.0052		< 0.0045	
Benzoic Acid	65-85-0		< 0.068		< 0.64		< 0.075		< 0.066	
Benzyl Alcohol	100-51-6		< 0.05		< 0.47		< 0.055		< 0.048	
Bis(2-chloroethoxy)methane	111-91-1		< 0.038		< 0.36		< 0.042		< 0.037	

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA12	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010
		SSBLDG50071029-01-01	BHAA101012-17-01	BHAA101012-17-99	BHAA121012-20-01	BHAA121012-20-99	BHAB161012-18-01	BHAB161012-18-99	BHI221012-23-01	BHI221012-23-99
bis(2-Chloroisopropyl)ether	39638-32-9		< 0.059		< 0.56		< 0.065		< 0.057	
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.076		< 0.73		< 0.084		< 0.074	
Bromophenyl phenyl ether, 4-	101-55-3		< 0.049		< 0.47		< 0.054		< 0.047	
Butyl Benzyl Phthlate	85-68-7		< 0.049		< 0.47		< 0.054		< 0.047	
Carbazole	86-74-8		0.0804 J		< 0.32		< 0.037		< 0.032	
Chloroaniline, p-	106-47-8		< 0.13		< 1.2		< 0.14		< 0.12	
Chlorophenyl-phenylether, 4-	7005-72-3		< 0.051		< 0.48		< 0.056		< 0.049	
Chrysene	218-01-9		0.332		0.646		0.0469		< 0.0017	
Cresol, 3&4-			< 0.1		< 0.96		< 0.11		< 0.098	
Cresol, o-	95-48-7		< 0.034		< 0.32		< 0.037		< 0.033	
Dibenz[a,h]anthracene	53-70-3		0.0597		< 0.066		0.0081		< 0.0067	
Dibenzofuran	132-64-9		< 0.047		< 0.45		< 0.052		< 0.046	
Dibutyl Phthalate	84-74-2		< 0.049		< 0.46		< 0.054		< 0.047	
Dichlorobenzidine, 3,3'-	91-94-1		< 0.078		< 0.74		< 0.086		< 0.076	
Dichlorophenol, 2,4-	120-83-2		< 0.044		< 0.41		< 0.048		< 0.042	
Diethyl Phthalate	84-66-2		< 0.045		< 0.42		< 0.049		< 0.043	
Dimethyl phthalate	131-11-3		< 0.052		< 0.49		< 0.057		< 0.05	
Dimethylphenol, 2,4-	105-67-9		< 0.032		< 0.31		< 0.035		< 0.031	
Dinitro-o-cresol, 4,6-	534-52-1		< 0.072		< 0.68		< 0.08		< 0.07	
Dinitrophenol, 2,4-	51-28-5		< 0.45		< 4.3		< 0.5		< 0.44	
Dinitrotoluene, 2,4-	121-14-2		< 0.039		< 0.37		< 0.043		< 0.038	
Dinitrotoluene, 2,6-	606-20-2		< 0.048		< 0.46		< 0.053		< 0.047	
Di-n-octylphthalate			< 0.043		< 0.4		< 0.047		< 0.041	
Diphenylhydrazine, 1,2-	122-66-7		< 0.047		< 0.45		< 0.052		< 0.046	
Fluoranthene	206-44-0		0.545		1.58		0.104		0.0048 J	
Fluorene	86-73-7		0.033		0.127		< 0.0028		< 0.0025	
Hexachlorobenzene	118-74-1		< 0.052		< 0.5		< 0.058		< 0.051	
Hexachlorocyclopentadiene	77-47-4		< 0.3		< 2.8		< 0.33		< 0.29	
Hexachloroethane	67-72-1		< 0.047		< 0.44		< 0.052		< 0.045	
Isophorone	78-59-1		< 0.039		< 0.37		< 0.043		< 0.038	
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4		< 0.067		< 0.64		< 0.074		< 0.065	
Nitroaniline, 3-	99-09-2		< 0.072		< 0.69		< 0.08		< 0.07	
Nitroaniline, 4-	100-01-6		< 0.096		< 0.91		< 0.11		< 0.093	
Nitrophenol, 2-	88-75-5		< 0.041		< 0.39		< 0.046		< 0.04	
Nitrophenol, 4-	100-02-7		< 0.45		< 4.2		< 0.49		< 0.43	
Nitrosodimethylamine, N-	62-75-9		< 0.039		< 0.37		< 0.043		< 0.038	
Nitroso-di-N-propylamine, N-	621-64-7		< 0.045		< 0.42		< 0.049		< 0.043	
Nitrosodiphenylamine, N-	86-30-6		< 0.045		< 0.43		< 0.05		< 0.044	
Pentachlorophenol	87-86-5		< 0.073		< 0.69		< 0.081		< 0.071	
Phenanthrene	85-01-8									
Phenol	108-95-2		< 0.032		< 0.3		< 0.035		< 0.031	
Pyrene	129-00-0		0.632		***2.04***		0.0597		0.0064 J	

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA12	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010
		SSBLDG50071029-01-01	BHAA101012-17-01	BHAA101012-17-99	BHAA121012-20-01	BHAA121012-20-99	BHAB161012-18-01	BHAB161012-18-99	BHI221012-23-01	BHI221012-23-99
Pyridine	110-86-1		< 0.031		< 0.29		< 0.034		< 0.03	
Trichlorophenol, 2,4,5-	95-95-4		< 0.047		< 0.44		< 0.051		< 0.045	
Trichlorophenol, 2,4,6-	88-06-2		< 0.056		< 0.53		< 0.062		< 0.054	
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2		3.8		2.3 J		7.7		1	
Barium	7440-39-3		64		17 J		196		241	
Beryllium	7440-41-7									
Cadmium	7440-43-9		***0.4***		0.22 J		0.018 J		0.13 J	
Calcium	7440-70-2									
Chromium, Total	7440-47-3		8.1		4		19.2		5.6	
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1		8.5		3.6		***18.1***		2.5 J	
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6		0.02		< 0.0064		0.016 J		< 0.0064	
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2		0.41 J		***0.84 J***		< 0.19		0.34 J	
Silver	7440-22-4		< 0.067		< 0.32		< 0.076		< 0.061	
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.0399								
Aroclor 1221	11104-28-2	< 0.0399								
Aroclor 1232	11141-16-5	< 0.0399								
Aroclor 1242	53469-21-9	< 0.0399								
Aroclor 1248	12672-29-6	< 0.0399								
Aroclor 1254	11097-69-1	< 0.0399								
Aroclor 1260	11096-82-5	***0.0759***								
PCB-001				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-002				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-003				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-004				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-005				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-006				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-007				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-008				< 1.9E-05		< 0.0002		2.6E-06 B		3.4E-06 B

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA12	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010
		SSBLDG50071029-01-01	BHAA101012-17-01	BHAA101012-17-99	BHAA121012-20-01	BHAA121012-20-99	BHAB161012-18-01	BHAB161012-18-99	BHI221012-23-01	BHI221012-23-99
PCB-009				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-010				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-011				< 0.00093		< 0.01		< 9.6E-05		< 9.7E-05
PCB-012				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-013				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-014				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-015				< 9.3E-05		< 0.001		< 9.6E-06		< 9.7E-06
PCB-016				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-017				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-018				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-019				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-020				< 0.00019		< 0.00201		< 1.9E-05		< 1.9E-05
PCB-021				< 0.00019		< 0.00201		< 1.9E-05		< 1.9E-05
PCB-022				< 9.3E-05		< 0.001		< 9.6E-06		< 9.7E-06
PCB-023				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-024				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-025				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-026				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-027				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-028				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-029				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-030				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-031				< 9.3E-05		< 0.001		< 9.6E-06		< 9.7E-06
PCB-032				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-033				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-034				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-035				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-036				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-037				< 9.3E-05		< 0.001		< 9.6E-06		< 9.7E-06
PCB-038				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-039				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-040				2.7E-05 C		< 0.0002		2.2E-06 C		< 1.9E-06
PCB-041				< 0.00093		< 0.01		< 9.6E-05		< 9.7E-05
PCB-042				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-043				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-044				6.2E-05 C		< 0.0006		7.7E-06 C		6.6E-06 C
PCB-045				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-046				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-047				6.2E-05 C44		< 0.0006		7.7E-06 C44		6.6E-06 C44
PCB-048				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-049				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-050				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-051				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-052				0.00032		< 0.0002		2.7E-05		6.9E-06

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA12	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010
		SSBLDG50071029-01-01	BHAA101012-17-01	BHAA101012-17-99	BHAA121012-20-01	BHAA121012-20-99	BHAB161012-18-01	BHAB161012-18-99	BHI221012-23-01	BHI221012-23-99
PCB-053				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-054				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-055				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-056				3.5E-05		< 0.0002		4.5E-06		< 1.9E-06
PCB-057				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-058				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-059				< 5.6E-05		< 0.0006		< 5.8E-06		< 5.8E-06
PCB-060				2E-05		< 0.0002		2.5E-06		< 1.9E-06
PCB-061				0.00015 C		< 0.0008		1.7E-05 C		8.3E-06 C
PCB-062				< 5.6E-05		< 0.0006		< 5.8E-06		< 5.8E-06
PCB-063				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-064				4.8E-05		< 0.0002		3.5E-06		< 1.9E-06
PCB-065				6.2E-05 C44		< 0.0006		7.7E-06 C44		6.6E-06 C44
PCB-066				< 9.3E-05		< 0.001		< 9.6E-06		< 9.7E-06
PCB-067				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-068				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-069				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-070				0.00015 C61		< 0.0008		1.7E-05 C61		8.3E-06 C61
PCB-071				2.7E-05 C40		< 0.0002		2.2E-06 C40		< 1.9E-06
PCB-072				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-073				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-074				0.00015 C61		< 0.0008		1.7E-05 C61		8.3E-06 C61
PCB-075				< 5.6E-05		< 0.0006		< 5.8E-06		< 5.8E-06
PCB-076				0.00015 C61		< 0.0008		1.7E-05 C61		8.3E-06 C61
PCB-077	32598-13-3			2.1E-05		< 0.0002		2.5E-06		< 1.9E-06
PCB-078				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-079				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-080				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-081	70362-50-4			< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-082				3.8E-05		< 0.0002		3.4E-06		< 1.9E-06
PCB-083				0.00012		< 0.0002		9.2E-06		< 1.9E-06
PCB-084				0.00024		< 0.0002		2E-05		1.4E-05
PCB-085				< 5.6E-05		< 0.0006		< 5.8E-06		< 5.8E-06
PCB-086				***0.00068 C***		< 0.0012		5.8E-05 C		1.4E-05 C
PCB-087				***0.00068 C86***		< 0.0012		5.8E-05 C86		1.4E-05 C86
PCB-088				4.3E-05 C		< 0.0004		4.5E-06 C		5.9E-06 C
PCB-089				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-090				***0.00506 C***		< 0.0006		***0.00037 C***		2.1E-05 C
PCB-091				4.3E-05 C88		< 0.0004		4.5E-06 C88		5.9E-06 C88
PCB-092				***0.00067***		< 0.0002		4.5E-05		4.3E-06
PCB-093				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-094				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-095				***0.00647***		***0.00036***		***0.00049***		4.3E-05
PCB-096				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA12	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010
		SSBLDG50071029-01-01	BHAA101012-17-01	BHAA101012-17-99	BHAA121012-20-01	BHAA121012-20-99	BHAB161012-18-01	BHAB161012-18-99	BHI221012-23-01	BHI221012-23-99
PCB-097				***0.00068 C86***		< 0.0012		5.8E-05 C86		1.4E-05 C86
PCB-098				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-099				0.00011		< 0.0002		1.2E-05		6.2E-06
PCB-100				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-101				***0.00506 C90***		< 0.0006		***0.00037 C90***		2.1E-05 C90
PCB-102				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-103				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-104				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-105	32598-14-4			0.00018		< 0.0002		2.2E-05		6.3E-06
PCB-106				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-107				3.4E-05		< 0.0002		4E-06		< 1.9E-06
PCB-108				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-109				***0.00068 C86***		< 0.0012		5.8E-05 C86		1.4E-05 C86
PCB-110				***0.0033 C***		< 0.0004		0.00032 C		4E-05 C
PCB-111				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-112				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-113				***0.00506 C90***		< 0.0006		***0.00037 C90***		2.1E-05 C90
PCB-114	74472-37-0			< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-115				***0.0033 C11***		< 0.0004		0.00032 C11		4E-05 C11
PCB-116				< 5.6E-05		< 0.0006		< 5.8E-06		< 5.8E-06
PCB-117				< 5.6E-05		< 0.0006		< 5.8E-06		< 5.8E-06
PCB-118	31508-00-6			***0.00136***		< 0.0002		0.00014		1.9E-05
PCB-119				***0.00068 C86***		< 0.0012		5.8E-05 C86		1.4E-05 C86
PCB-120				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-121				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-122				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-123	65510-44-3			< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-124				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-125				***0.00068 C86***		< 0.0012		5.8E-05 C86		1.4E-05 C86
PCB-126	57465-28-8			< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-127				3.1E-05		< 0.0002		2.4E-06		< 1.9E-06
PCB-128				***0.00113 C***		< 0.0004		0.00013 C		1.1E-05 C
PCB-129				***0.028 C***		***0.00121 C***		***0.00254 C***		6E-05 C
PCB-130				***0.00071***		< 0.0002		7.2E-05		5.7E-06
PCB-131				0.00012		< 0.0002		1.1E-05		< 1.9E-06
PCB-132				***0.00804***		***0.00038***		***0.00074***		3.3E-05
PCB-133				0.00025		< 0.0002		2.5E-05		< 1.9E-06
PCB-134				***0.00103***		< 0.0002		9.5E-05		5.6E-06
PCB-135				***0.0131 C***		***0.00064 C***		***0.0011 C***		2.7E-05 C
PCB-136				***0.00454***		0.00022		***0.0004***		1.2E-05
PCB-137				0.00011		< 0.0002		4.8E-06		2.6E-06
PCB-138				***0.028 C12***		***0.00121 C12***		***0.00254 C12***		6E-05 C12
PCB-139				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06
PCB-140				< 3.7E-05		< 0.0004		< 3.8E-06		< 3.9E-06

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA12	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010
		SSBLDG50071029-01-01	BHAA101012-17-01	BHAA101012-17-99	BHAA121012-20-01	BHAA121012-20-99	BHAB161012-18-01	BHAB161012-18-99	BHI221012-23-01	BHI221012-23-99
PCB-141				***0.00781***		***0.00041***		***0.0006***		7.5E-06
PCB-142				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-143				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-144				***0.0016***		< 0.0002		8.3E-05		< 1.9E-06
PCB-145				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-146				***0.00372***		< 0.0002		***0.00034***		6.8E-06
PCB-147				***0.027 C***		***0.00125 C***		***0.00251 C***		7.4E-05 C
PCB-148				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-149				***0.027 C14***		***0.00125 C14***		***0.00251 C14***		7.4E-05 C14
PCB-150				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-151				***0.0131 C13***		***0.00064 C13***		***0.0011 C13***		2.7E-05 C13
PCB-152				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-153				***0.027 C***		***0.00129 C***		***0.00223 C***		2.7E-05 C
PCB-154				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-155				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-156				***0.00139 C***		< 0.0004		0.00014 C		6.1E-06 C
PCB-157	69782-90-7			***0.00139 C15***		< 0.0004		0.00014 C15		6.1E-06 C15
PCB-158				***0.00229***		< 0.0002		0.00021		7.7E-06
PCB-159				***0.00067***		< 0.0002		5.8E-05		< 1.9E-06
PCB-160				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-161				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-162				***0.00037***		< 0.0002		3.4E-05		< 1.9E-06
PCB-163				***0.028 C12***		***0.00121 C12***		***0.00254 C12***		6E-05 C12
PCB-164				***0.00205***		< 0.0002		0.00019		6.7E-06
PCB-165				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-166				***0.00113 C12***		< 0.0004		0.00013 C12		1.1E-05 C12
PCB-167	52663-72-6			***0.00056***		< 0.0002		6.3E-05		3.1E-06
PCB-168				***0.027 C15***		***0.00129 C15***		***0.00223 C15***		2.7E-05 C15
PCB-169	32774-16-6			< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-170				***0.0129***		***0.00072***		***0.00147***		2.2E-05
PCB-171				***0.00421 C***		< 0.0004		***0.00042 C***		7.6E-06 C
PCB-172				***0.00246***		< 0.0002		0.00025		4.7E-06
PCB-173				***0.00421 C17***		< 0.0004		***0.00042 C17***		7.6E-06 C17
PCB-174				***0.0156***		***0.00075***		***0.00153***		2.4E-05
PCB-175				***0.00053***		< 0.0002		5.7E-05		< 1.9E-06
PCB-176				***0.00203***		< 0.0002		0.00019		2.9E-06
PCB-177				***0.00933***		***0.00051***		***0.00089***		1.4E-05
PCB-178				***0.00304***		< 0.0002		0.0003		5.4E-06
PCB-179				***0.00675***		***0.00034***		***0.00063***		9.9E-06
PCB-180				***0.0329 C***		***0.00146 C***		***0.00322 C***		4.7E-05 C
PCB-181				2.2E-05		< 0.0002		2E-06		< 1.9E-06
PCB-182				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-183				***0.00994 C***		***0.00042 C***		***0.00098 C***		1.7E-05 C
PCB-184				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA12	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010
		SSBLDG50071029-01-01	BHAA101012-17-01	BHAA101012-17-99	BHAA121012-20-01	BHAA121012-20-99	BHAB161012-18-01	BHAB161012-18-99	BHI221012-23-01	BHI221012-23-99
PCB-185				***0.00994 C18***		***0.00042 C18***		***0.00098 C18***		1.7E-05 C18
PCB-186				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-187				***0.0164***		***0.00078***		***0.00169***		3.4E-05
PCB-188				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-189	39635-31-9			***0.00041***		< 0.0002		4.7E-05		< 1.9E-06
PCB-190				***0.0027***		< 0.0002		0.0003		3.7E-06
PCB-191				***0.00052***		< 0.0002		5.4E-05		< 1.9E-06
PCB-192				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-193				***0.0329 C18***		***0.00146 C18***		***0.00322 C18***		4.7E-05 C18
PCB-194				***0.00665***		< 0.0002		***0.00081***		1.3E-05
PCB-195				***0.00299***		< 0.0002		0.00033		3.9E-06
PCB-196				***0.00375***		< 0.0002		***0.00039***		8.9E-06
PCB-197				***0.00111 C***		< 0.0004		0.00011 C		< 3.9E-06
PCB-198				***0.00668 C***		***0.00047 C***		***0.00075 C***		3.7E-05 C
PCB-199				***0.00668 C19***		***0.00047 C19***		***0.00075 C19***		3.7E-05 C19
PCB-200				***0.00111 C19***		< 0.0004		0.00011 C19		< 3.9E-06
PCB-201				***0.00089***		< 0.0002		8.7E-05		3.9E-06
PCB-202				***0.00104***		< 0.0002		0.00011		9.6E-06
PCB-203				***0.00401***		< 0.0002		***0.00044***		2.5E-05
PCB-204				< 1.9E-05		< 0.0002		< 1.9E-06		< 1.9E-06
PCB-205				***0.00033***		< 0.0002		3.6E-05		< 1.9E-06
PCB-206				***0.0012***		< 0.0002		0.00013		3.5E-05
PCB-207				0.00015		< 0.0002		1.5E-05		2.7E-06
PCB-208				0.00018		< 0.0002		1.9E-05		1.1E-05
PCB-209				4.5E-05		< 0.0002		3.2E-06		4.8E-06
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics			< 0.2		< 0.2		0.54		< 0.2	
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974	17.7								

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAA12	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010
		SSBLDG50071029-01-01	BHAA101012-17-01	BHAA101012-17-99	BHAA121012-20-01	BHAA121012-20-99	BHAB161012-18-01	BHAB161012-18-99	BHI221012-23-01	BHI221012-23-99

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTJ19	BLDG50DPTJ19	BLDG50DPTK19	BLDG50DPTK19	BLDG50DPTP27	BLDG50DPTP27	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTV10
		12/9/2010	12/9/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010
		BHJ191012-25-01	BHJ191012-25-99	BHK191012-24-01	BHK191012-24-99	BHP271012-21-01	BHP271012-21-99	BHT101012-12-01	BHT101012-12-99	BHV101012-16-01
VOCs										
Acetone	67-64-1	0.0307 Y		< 0.0092		< 0.0087		0.0097 J		< 0.0098
Benzene	71-43-2	< 0.00071		< 0.00077		< 0.00073		< 0.00066		< 0.00083
Bis(2-chloroethyl)ether	111-44-4	< 0.4		< 0.041		< 0.047		< 0.043		< 0.044
Bromobenzene	108-86-1	< 0.00057		< 0.00061		< 0.00058		< 0.00052		< 0.00066
Bromochloromethane	74-97-5	< 0.0006		< 0.00065		< 0.00061		< 0.00055		< 0.00069
Bromodichloromethane	75-27-4	< 0.00075		< 0.00082		< 0.00078		< 0.00069		< 0.00088
Bromoform	75-25-2	< 0.00094		< 0.001		< 0.00097		< 0.00087		< 0.0011
Bromomethane	74-83-9	< 0.0012		< 0.0013		< 0.0013		< 0.0011		< 0.0014
Butylbenzene, n-	104-51-8	< 0.0007		< 0.00077		< 0.00073		0.0103		< 0.00082
Butylbenzene, sec-	135-98-8	< 0.00078		< 0.00085		< 0.00081		0.0159		< 0.00091
Butylbenzene, tert-	98-06-6	< 0.0011		< 0.0012		< 0.0011		< 0.00097		< 0.0012
Carbon Disulfide	75-15-0	< 0.00057		< 0.00062		< 0.00059		0.0038		< 0.00066
Carbon Tetrachloride	56-23-5	< 0.00066		< 0.00071		< 0.00068		< 0.0006		< 0.00076
Chlorobenzene	108-90-7	< 0.00057		< 0.00062		< 0.00059		< 0.00053		< 0.00067
Chloroethane	75-00-3	< 0.00093		< 0.001		< 0.00096		< 0.00086		< 0.0011
Chloroform	67-66-3	< 0.00062		< 0.00067		< 0.00064		< 0.00057		< 0.00072
Chloromethane	74-87-3	< 0.0012		< 0.0013		< 0.0012		< 0.0011		< 0.0013
Chloronaphthalene, Beta-	91-58-7	< 0.37		< 0.038		< 0.043		< 0.04		< 0.04
Chlorophenol, 2-	95-57-8	< 0.48		< 0.049		< 0.056		< 0.051		< 0.052
Chlorotoluene, o-	95-49-8	< 0.00086		< 0.00093		< 0.00089		< 0.00079		< 0.001
Chlorotoluene, p-	106-43-4	< 0.0011		< 0.0012		< 0.0011		< 0.001		< 0.0013
cis-1,3-Dichloropropene	10061-01-5	< 0.00055		< 0.00059		< 0.00056		< 0.0005		< 0.00064
Cresol, p-chloro-m-	59-50-7	< 0.38		< 0.038		< 0.044		< 0.04		< 0.041
Dibromo-3-chloropropane, 1,2-	96-12-8	< 0.0027		< 0.003		< 0.0028		< 0.0025		< 0.0032
Dibromochloromethane	124-48-1	< 0.00056		< 0.00061		< 0.00058		< 0.00051		< 0.00065
Dibromoethane, 1,2-	106-93-4	< 0.001		< 0.0011		< 0.001		< 0.00093		< 0.0012
Dibromomethane (Methylene Bromide)	74-95-3	< 0.00095		< 0.001		< 0.00098		< 0.00088		< 0.0011
Dichlorobenzene, 1,2-	95-50-1	< 0.00073		< 0.00079		< 0.00075		< 0.00067		< 0.00085
Dichlorobenzene, 1,3-	541-73-1	< 0.00073		< 0.00079		< 0.00075		< 0.00067		< 0.00085
Dichlorobenzene, 1,4-	106-46-7	< 0.00071		< 0.00077		< 0.00073		< 0.00066		< 0.00083
Dichlorodifluoromethane	75-71-8	< 0.0012		< 0.0013		< 0.0012		< 0.0011		< 0.0014
Dichloroethane, 1,1-	75-34-3	< 0.00092		< 0.001		< 0.00095		< 0.00085		< 0.0011
Dichloroethane, 1,2-	107-06-2	< 0.00068		< 0.00074		< 0.0007		< 0.00063		< 0.00079
Dichloroethene, 1,1-	75-35-4	< 0.00079		< 0.00085		< 0.00081		< 0.00072		< 0.00091
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	< 0.001		< 0.0011		< 0.0011		< 0.00095		< 0.0012
Dichloroethylene, 1,2-trans-	156-60-5	< 0.0008		< 0.00087		< 0.00083		< 0.00074		< 0.00093
Dichloropropane, 1,2-	78-87-5	< 0.00082		< 0.00089		< 0.00084		< 0.00075		< 0.00095
Dichloropropane, 1,3-	142-28-9	< 0.00072		< 0.00078		< 0.00074		< 0.00066		< 0.00083
Dichloropropane, 2,2-	594-20-7	< 0.00059		< 0.00064		< 0.00061		< 0.00054		< 0.00069
Dichloropropene, 1,1-	563-58-6	< 0.00067		< 0.00073		< 0.00069		< 0.00062		< 0.00078
Dichloropropene, trans-1,3-	10061-02-6	< 0.00064		< 0.00069		< 0.00066		< 0.00059		< 0.00074
Ethylbenzene	100-41-4	0.0172		0.0011 J		0.0018 J		0.0045		< 0.0011

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTJ19	BLDG50DPTJ19	BLDG50DPTK19	BLDG50DPTK19	BLDG50DPTP27	BLDG50DPTP27	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTV10
		12/9/2010	12/9/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010
		BHJ191012-25-01	BHJ191012-25-99	BHK191012-24-01	BHK191012-24-99	BHP271012-21-01	BHP271012-21-99	BHT101012-12-01	BHT101012-12-99	BHV101012-16-01
Hexachlorobutadiene	87-68-3	< 0.0012		< 0.0013		< 0.0012		< 0.0011		< 0.0014
Hexanone, 2-	591-78-6	< 0.0067		< 0.0073		< 0.0069		< 0.0062		< 0.0078
Isopropylbenzene (Cumene)	98-82-8	< 0.00071		< 0.00077		< 0.00073		0.0058		< 0.00083
Isopropyltoluene, p-	99-87-6	< 0.00092		< 0.001		< 0.00095		0.0061		< 0.0011
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.0059		< 0.0064		< 0.0061		< 0.0054		< 0.0068
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.0057		< 0.0062		< 0.0058		< 0.0052		< 0.0066
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.0024		0.0059 J		< 0.0025		< 0.0022		0.0043 J
Naphthalene	91-20-3	< 0.00088		< 0.00096		< 0.00091		0.0399		< 0.001
Nitrobenzene	98-95-3	< 0.28		< 0.028		< 0.032		< 0.029		< 0.03
Propylbenzene, n-	103-65-1	< 0.00075		< 0.00081		< 0.00077		0.0113		< 0.00087
Styrene	100-42-5	< 0.00079		< 0.00086		< 0.00081		< 0.00073		< 0.00092
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.00043		< 0.00047		< 0.00044		< 0.0004		< 0.0005
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.0014		< 0.0015		< 0.0014		< 0.0013		< 0.0016
Tetrachloroethene	127-18-4	< 0.00079		< 0.00085		< 0.00081		< 0.00072		< 0.00091
Toluene	108-88-3	0.0016 Y		< 0.0011		< 0.001		< 0.00089		< 0.0011
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6	< 0.0011		< 0.0012		< 0.0011		< 0.00097		< 0.0012
Trichlorobenzene, 1,2,4-	120-82-1	< 0.001		< 0.0011		< 0.0011		< 0.00097		< 0.0012
Trichloroethane, 1,1,1-	71-55-6	< 0.00071		< 0.00077		< 0.00073		< 0.00065		< 0.00082
Trichloroethane, 1,1,2-	79-00-5	< 0.002		< 0.0022		< 0.002		< 0.0018		< 0.0023
Trichloroethene	79-01-6	< 0.0017		< 0.0019		< 0.0018		< 0.0016		0.0088
Trichlorofluoromethane	75-69-4	< 0.00071		< 0.00077		< 0.00073		< 0.00065		< 0.00083
Trichloropropane, 1,2,3-	96-18-4	< 0.0018		< 0.0019		< 0.0018		< 0.0016		< 0.002
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.00087		< 0.00094		< 0.00089		0.0322		< 0.001
Trimethylbenzene, 1,3,5-	108-67-8	< 0.001		< 0.0011		< 0.001		0.0086		< 0.0012
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.001		< 0.0011		< 0.0011		< 0.00096		< 0.0012
Xylene, o-	95-47-6	0.0282		< 0.00071		< 0.00067		0.011		< 0.00076
Xylenes	1330-20-7	0.106		0.0044 J		0.006 J		0.0167 J		< 0.0025
Xylenes, m & p		0.0777		0.0044 J		0.006 J		0.0057		< 0.0017
SVOCs										
Acenaphthene	83-32-9	< 0.011		< 0.0012		< 0.0013		0.0179		< 0.0012
Aniline	62-53-3	< 1.8		< 0.19		< 0.21		< 0.2		< 0.2
Anthracene	120-12-7	< 0.013		< 0.0013		< 0.0015		0.0303		< 0.0014
Benzidine	92-87-5	< 3.1		< 0.31		< 0.36		< 0.33		< 0.34
Benzo[a]anthracene	56-55-3	0.108		0.0141		0.0183		0.151		0.0153
Benzo[a]pyrene	50-32-8	0.157		0.0198		< 0.0042		0.114		< 0.0039
Benzo[b]fluoranthene	205-99-2	0.191		0.0243		0.0322		0.166		0.0259
Benzo[k]fluoranthene	207-08-9	0.146		0.0164		0.0154		0.0457		0.0157
Benzoic Acid	65-85-0	< 0.64		< 0.065		< 0.075		< 0.068		< 0.069
Benzyl Alcohol	100-51-6	< 0.47		< 0.048		< 0.055		< 0.05		< 0.051
Bis(2-chloroethoxy)methane	111-91-1	< 0.36		< 0.037		< 0.042		< 0.038		< 0.039

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTJ19	BLDG50DPTJ19	BLDG50DPTK19	BLDG50DPTK19	BLDG50DPTP27	BLDG50DPTP27	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTV10
		12/9/2010	12/9/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010
		BHJ191012-25-01	BHJ191012-25-99	BHK191012-24-01	BHK191012-24-99	BHP271012-21-01	BHP271012-21-99	BHT101012-12-01	BHT101012-12-99	BHV101012-16-01
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.55		< 0.056		< 0.065		< 0.059		< 0.06
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.72		< 0.073		< 0.084		< 0.077		< 0.078
Bromophenyl phenyl ether, 4-	101-55-3	< 0.46		< 0.047		< 0.054		< 0.049		< 0.05
Butyl Benzyl Phthlate	85-68-7	< 0.46		< 0.047		< 0.054		< 0.049		< 0.05
Carbazole	86-74-8	< 0.31		< 0.032		< 0.037		< 0.034		< 0.034
Chloroaniline, p-	106-47-8	< 1.2		< 0.12		< 0.14		< 0.13		< 0.13
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.48		< 0.049		< 0.056		< 0.051		< 0.052
Chrysene	218-01-9	0.157		0.0329		0.0212		0.151		0.0218
Cresol, 3&4-		< 0.95		< 0.097		< 0.11		< 0.1		< 0.1
Cresol, o-	95-48-7	< 0.32		< 0.033		< 0.037		< 0.034		< 0.035
Dibenz[a,h]anthracene	53-70-3	< 0.066		< 0.0067		< 0.0077		0.0313		< 0.0071
Dibenzofuran	132-64-9	< 0.44		< 0.045		< 0.052		< 0.048		< 0.048
Dibutyl Phthalate	84-74-2	< 0.46		< 0.047		< 0.054		< 0.049		< 0.05
Dichlorobenzidine, 3,3'-	91-94-1	< 0.74		< 0.075		< 0.086		< 0.079		< 0.08
Dichlorophenol, 2,4-	120-83-2	< 0.41		< 0.042		< 0.048		< 0.044		< 0.045
Diethyl Phthalate	84-66-2	< 0.42		< 0.043		< 0.049		< 0.045		< 0.046
Dimethyl phthalate	131-11-3	< 0.49		< 0.05		< 0.057		< 0.052		< 0.053
Dimethylphenol, 2,4-	105-67-9	< 0.3		< 0.031		< 0.035		< 0.032		< 0.033
Dinitro-o-cresol, 4,6-	534-52-1	< 0.68		< 0.069		< 0.079		< 0.073		< 0.074
Dinitrophenol, 2,4-	51-28-5	< 4.2		< 0.43		< 0.5		< 0.45		< 0.46
Dinitrotoluene, 2,4-	121-14-2	< 0.37		< 0.038		< 0.043		< 0.04		< 0.04
Dinitrotoluene, 2,6-	606-20-2	< 0.46		< 0.046		< 0.053		< 0.049		< 0.049
Di-n-octylphthalate		< 0.4		< 0.041		< 0.047		< 0.043		< 0.044
Diphenylhydrazine, 1,2-	122-66-7	< 0.44		< 0.045		< 0.052		< 0.048		< 0.048
Fluoranthene	206-44-0	0.123		0.0194		0.0281		0.226		0.0191
Fluorene	86-73-7	< 0.024		< 0.0024		< 0.0028		0.0165		< 0.0026
Hexachlorobenzene	118-74-1	< 0.49		< 0.05		< 0.057		< 0.053		< 0.053
Hexachlorocyclopentadiene	77-47-4	< 2.8		< 0.29		< 0.33		< 0.3		< 0.31
Hexachloroethane	67-72-1	< 0.44		< 0.045		< 0.052		< 0.047		< 0.048
Isophorone	78-59-1	< 0.37		< 0.037		< 0.043		< 0.039		< 0.04
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4	< 0.64		< 0.065		< 0.074		< 0.068		< 0.069
Nitroaniline, 3-	99-09-2	< 0.68		< 0.07		< 0.08		< 0.073		< 0.074
Nitroaniline, 4-	100-01-6	< 0.9		< 0.092		< 0.11		< 0.096		< 0.098
Nitrophenol, 2-	88-75-5	< 0.39		< 0.04		< 0.046		< 0.042		< 0.042
Nitrophenol, 4-	100-02-7	< 4.2		< 0.43		< 0.49		< 0.45		< 0.46
Nitrosodimethylamine, N-	62-75-9	< 0.37		< 0.038		< 0.043		< 0.04		< 0.04
Nitroso-di-N-propylamine, N-	621-64-7	< 0.42		< 0.043		< 0.049		< 0.045		< 0.046
Nitrosodiphenylamine, N-	86-30-6	< 0.42		< 0.043		< 0.05		< 0.045		< 0.046
Pentachlorophenol	87-86-5	< 0.69		< 0.07		< 0.08		< 0.074		< 0.075
Phenanthrene	85-01-8									
Phenol	108-95-2	< 0.3		< 0.031		< 0.035		< 0.032		< 0.033
Pyrene	129-00-0	0.232		0.0293		0.0458		0.265		0.0302

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTJ19	BLDG50DPTJ19	BLDG50DPTK19	BLDG50DPTK19	BLDG50DPTP27	BLDG50DPTP27	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTV10
		12/9/2010	12/9/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010
		BHJ191012-25-01	BHJ191012-25-99	BHK191012-24-01	BHK191012-24-99	BHP271012-21-01	BHP271012-21-99	BHT101012-12-01	BHT101012-12-99	BHV101012-16-01
Pyridine	110-86-1	< 0.29		< 0.03		< 0.034		< 0.031		< 0.032
Trichlorophenol, 2,4,5-	95-95-4	< 0.44		< 0.045		< 0.051		< 0.047		< 0.048
Trichlorophenol, 2,4,6-	88-06-2	< 0.53		< 0.054		< 0.062		< 0.057		< 0.058
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	1.2 J		0.57 J		8		2.4		3.7
Barium	7440-39-3	22.6 J		19.3 J		215		106		120
Beryllium	7440-41-7									
Cadmium	7440-43-9	0.2 J		***0.45 J***		0.045 J		0.2 J		0.14 J
Calcium	7440-70-2									
Chromium, Total	7440-47-3	6.2		5		21		10.8		12.2
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1	6.5		6		***23.6***		8.8		8.4
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.0066		< 0.0067		0.013 J		0.014 J		0.0081 J
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	< 0.83		< 0.9		< 0.2		0.36 J		< 0.16
Silver	7440-22-4	< 0.34		< 0.37		< 0.082		< 0.075		< 0.066
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
PCB-001			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-002			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-003			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-004			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-005			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-006			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-007			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-008			< 1.9E-05		< 1.9E-05		2.8E-06 B		2.7E-05	

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTJ19	BLDG50DPTJ19	BLDG50DPTK19	BLDG50DPTK19	BLDG50DPTP27	BLDG50DPTP27	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTV10
		12/9/2010	12/9/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010
		BHJ191012-25-01	BHJ191012-25-99	BHK191012-24-01	BHK191012-24-99	BHP271012-21-01	BHP271012-21-99	BHT101012-12-01	BHT101012-12-99	BHV101012-16-01
PCB-009			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-010			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-011			< 0.00096		< 0.00096		< 9.4E-05		< 0.00091	
PCB-012			< 3.8E-05		< 3.8E-05		< 3.8E-06		< 3.6E-05	
PCB-013			< 3.8E-05		< 3.8E-05		< 3.8E-06		< 3.6E-05	
PCB-014			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-015			< 9.6E-05		< 9.6E-05		< 9.4E-06		< 9.1E-05	
PCB-016			< 1.9E-05		< 1.9E-05		< 1.9E-06		2.8E-05	
PCB-017			< 1.9E-05		< 1.9E-05		< 1.9E-06		4E-05	
PCB-018			< 3.8E-05		< 3.8E-05		< 3.8E-06		0.00013 C	
PCB-019			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-020			< 0.00019		< 0.00019		< 1.9E-05		0.00028 C	
PCB-021			< 0.00019		< 0.00019		< 1.9E-05		< 0.00018	
PCB-022			< 9.6E-05		< 9.6E-05		< 9.4E-06		< 9.1E-05	
PCB-023			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-024			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-025			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-026			< 3.8E-05		< 3.8E-05		< 3.8E-06		< 3.6E-05	
PCB-027			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-028			< 3.8E-05		< 3.8E-05		< 3.8E-06		0.00028 C20	
PCB-029			< 3.8E-05		< 3.8E-05		< 3.8E-06		< 3.6E-05	
PCB-030			< 3.8E-05		< 3.8E-05		< 3.8E-06		0.00013 C18	
PCB-031			< 9.6E-05		< 9.6E-05		< 9.4E-06		0.00029	
PCB-032			< 1.9E-05		< 1.9E-05		< 1.9E-06		5.3E-05	
PCB-033			< 3.8E-05		< 3.8E-05		< 3.8E-06		< 3.6E-05	
PCB-034			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-035			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-036			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-037			< 9.6E-05		< 9.6E-05		< 9.4E-06		0.0001	
PCB-038			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-039			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-040			< 1.9E-05		< 1.9E-05		< 1.9E-06		0.0003 C	
PCB-041			< 0.00096		< 0.00096		< 9.4E-05		< 0.00091	
PCB-042			< 1.9E-05		< 1.9E-05		< 1.9E-06		0.00013	
PCB-043			< 1.9E-05		< 1.9E-05		< 1.9E-06		3.6E-05	
PCB-044			< 5.8E-05		< 5.7E-05		5.7E-06 C		***0.00089 C***	
PCB-045			< 3.8E-05		< 3.8E-05		< 3.8E-06		8.1E-05 C	
PCB-046			< 1.9E-05		< 1.9E-05		< 1.9E-06		2.5E-05	
PCB-047			< 5.8E-05		< 5.7E-05		5.7E-06 C44		***0.00089 C44***	
PCB-048			< 1.9E-05		< 1.9E-05		< 1.9E-06		9.3E-05	
PCB-049			< 3.8E-05		< 3.8E-05		< 3.8E-06		***0.00046 C***	
PCB-050			< 3.8E-05		< 3.8E-05		< 3.8E-06		7.3E-05 C	
PCB-051			< 3.8E-05		< 3.8E-05		< 3.8E-06		8.1E-05 C45	
PCB-052			< 1.9E-05		2.2E-05		5.2E-06		***0.00474***	

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTJ19	BLDG50DPTJ19	BLDG50DPTK19	BLDG50DPTK19	BLDG50DPTP27	BLDG50DPTP27	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTV10
		12/9/2010	12/9/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010
		BHJ191012-25-01	BHJ191012-25-99	BHK191012-24-01	BHK191012-24-99	BHP271012-21-01	BHP271012-21-99	BHT101012-12-01	BHT101012-12-99	BHV101012-16-01
PCB-053			< 3.8E-05		< 3.8E-05		< 3.8E-06		7.3E-05 C50	
PCB-054			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-055			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-056			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00048***	
PCB-057			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-058			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-059			< 5.8E-05		< 5.7E-05		< 5.6E-06		< 5.5E-05	
PCB-060			< 1.9E-05		< 1.9E-05		< 1.9E-06		0.00024	
PCB-061			< 7.7E-05		< 7.7E-05		7.7E-06 C		***0.00218 C***	
PCB-062			< 5.8E-05		< 5.7E-05		< 5.6E-06		< 5.5E-05	
PCB-063			< 1.9E-05		< 1.9E-05		< 1.9E-06		2.7E-05	
PCB-064			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.0004***	
PCB-065			< 5.8E-05		< 5.7E-05		5.7E-06 C44		***0.00089 C44***	
PCB-066			< 9.6E-05		< 9.6E-05		< 9.4E-06		***0.00104***	
PCB-067			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-068			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-069			< 3.8E-05		< 3.8E-05		< 3.8E-06		***0.00046 C49***	
PCB-070			< 7.7E-05		< 7.7E-05		7.7E-06 C61		***0.00218 C61***	
PCB-071			< 1.9E-05		< 1.9E-05		< 1.9E-06		0.0003 C40	
PCB-072			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-073			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-074			< 7.7E-05		< 7.7E-05		7.7E-06 C61		***0.00218 C61***	
PCB-075			< 5.8E-05		< 5.7E-05		< 5.6E-06		< 5.5E-05	
PCB-076			< 7.7E-05		< 7.7E-05		7.7E-06 C61		***0.00218 C61***	
PCB-077	32598-13-3		< 1.9E-05		< 1.9E-05		< 1.9E-06		0.00019	
PCB-078			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-079			< 1.9E-05		< 1.9E-05		< 1.9E-06		0.00022	
PCB-080			< 1.9E-05		< 1.9E-05		< 1.9E-06		0.00017	
PCB-081	70362-50-4		< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-082			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00038***	
PCB-083			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00108***	
PCB-084			< 1.9E-05		< 1.9E-05		2.5E-06		***0.00204***	
PCB-085			< 5.8E-05		< 5.7E-05		< 5.6E-06		***0.00045 C***	
PCB-086			< 0.00012		< 0.00012		2.1E-05 C		***0.00843 C***	
PCB-087			< 0.00012		< 0.00012		2.1E-05 C86		***0.00843 C86***	
PCB-088			< 3.8E-05		< 3.8E-05		< 3.8E-06		***0.00034 C***	
PCB-089			< 1.9E-05		< 1.9E-05		< 1.9E-06		2.7E-05	
PCB-090			< 5.8E-05		< 5.7E-05		2.6E-05 C		***0.0636 C***	
PCB-091			< 3.8E-05		< 3.8E-05		< 3.8E-06		***0.00034 C88***	
PCB-092			< 1.9E-05		< 1.9E-05		4.4E-06		***0.00651***	
PCB-093			< 3.8E-05		< 3.8E-05		< 3.8E-06		< 3.6E-05	
PCB-094			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-095			3.4E-05		6.2E-05		1.8E-05		***0.0527 E***	
PCB-096			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	

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Bannister Federal Complex

Chemical	CAS	BLDG50DPTJ19	BLDG50DPTJ19	BLDG50DPTK19	BLDG50DPTK19	BLDG50DPTP27	BLDG50DPTP27	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTV10
		12/9/2010	12/9/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010
		BHJ191012-25-01	BHJ191012-25-99	BHK191012-24-01	BHK191012-24-99	BHP271012-21-01	BHP271012-21-99	BHT101012-12-01	BHT101012-12-99	BHV101012-16-01
PCB-097			< 0.00012		< 0.00012		2.1E-05 C86		***0.00843 C86***	
PCB-098			< 3.8E-05		< 3.8E-05		< 3.8E-06		4.8E-05 C	
PCB-099			< 1.9E-05		< 1.9E-05		9.8E-06		***0.00135***	
PCB-100			< 3.8E-05		< 3.8E-05		< 3.8E-06		< 3.6E-05	
PCB-101			< 5.8E-05		< 5.7E-05		2.6E-05 C90		***0.0636 C90***	
PCB-102			< 3.8E-05		< 3.8E-05		< 3.8E-06		4.8E-05 C98	
PCB-103			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-104			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-105	32598-14-4		< 1.9E-05		3.7E-05		1.5E-05		***0.00192***	
PCB-106			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-107			< 1.9E-05		< 1.9E-05		2.3E-06		0.00031	
PCB-108			< 3.8E-05		< 3.8E-05		< 3.8E-06		0.00024 C	
PCB-109			< 0.00012		< 0.00012		2.1E-05 C86		***0.00843 C86***	
PCB-110			4.7E-05 C		0.00012 C		2.7E-05 C		***0.0274 C***	
PCB-111			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-112			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-113			< 5.8E-05		< 5.7E-05		2.6E-05 C90		***0.0636 C90***	
PCB-114	74472-37-0		< 1.9E-05		< 1.9E-05		< 1.9E-06		6.7E-05	
PCB-115			4.7E-05 C11		0.00012 C11		2.7E-05 C11		***0.0274 C11***	
PCB-116			< 5.8E-05		< 5.7E-05		< 5.6E-06		***0.00045 C85***	
PCB-117			< 5.8E-05		< 5.7E-05		< 5.6E-06		***0.00045 C85***	
PCB-118	31508-00-6		3.1E-05		7.4E-05		3.2E-05		***0.0139***	
PCB-119			< 0.00012		< 0.00012		2.1E-05 C86		***0.00843 C86***	
PCB-120			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-121			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-122			< 1.9E-05		< 1.9E-05		< 1.9E-06		3.2E-05	
PCB-123	65510-44-3		< 1.9E-05		< 1.9E-05		< 1.9E-06		7.2E-05	
PCB-124			< 3.8E-05		< 3.8E-05		< 3.8E-06		0.00024 C10	
PCB-125			< 0.00012		< 0.00012		2.1E-05 C86		***0.00843 C86***	
PCB-126	57465-28-8		< 1.9E-05		< 1.9E-05		< 1.9E-06		0.00011	
PCB-127			< 1.9E-05		< 1.9E-05		< 1.9E-06		0.00025	
PCB-128			< 3.8E-05		4.3E-05 C		1.2E-05 C		***0.00861 C***	
PCB-129			0.00011 C		***0.00036 C***		0.00014 C		***0.194 CE***	
PCB-130			< 1.9E-05		2.4E-05		5.1E-06		***0.00516***	
PCB-131			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00095***	
PCB-132			3.8E-05		0.00013		2.3E-05		***0.0575 E***	
PCB-133			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00194***	
PCB-134			< 1.9E-05		2E-05		< 1.9E-06		***0.00828***	
PCB-135			4.1E-05 C		0.00011 C		3.8E-05 C		***0.101 CE***	
PCB-136			< 1.9E-05		2.7E-05		9.5E-06		***0.036***	
PCB-137			< 1.9E-05		< 1.9E-05		1.9E-06		***0.00036***	
PCB-138			0.00011 C12		***0.00036 C12***		0.00014 C12		***0.194 C12***	
PCB-139			< 3.8E-05		< 3.8E-05		< 3.8E-06		0.00012 C	
PCB-140			< 3.8E-05		< 3.8E-05		< 3.8E-06		0.00012 C13	

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTJ19	BLDG50DPTJ19	BLDG50DPTK19	BLDG50DPTK19	BLDG50DPTP27	BLDG50DPTP27	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTV10
		12/9/2010	12/9/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010
		BHJ191012-25-01	BHJ191012-25-99	BHK191012-24-01	BHK191012-24-99	BHP271012-21-01	BHP271012-21-99	BHT101012-12-01	BHT101012-12-99	BHV101012-16-01
PCB-141			2.3E-05		6.5E-05		1.9E-05		***0.0587 E***	
PCB-142			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-143			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-144			< 1.9E-05		< 1.9E-05		4.5E-06		***0.0147***	
PCB-145			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-146			< 1.9E-05		4.7E-05		1.9E-05		***0.027***	
PCB-147			9.4E-05 C		0.00027 C		8.3E-05 C		***0.199 CE***	
PCB-148			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-149			9.4E-05 C14		0.00027 C14		8.3E-05 C14		***0.199 C14***	
PCB-150			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-151			4.1E-05 C13		0.00011 C13		3.8E-05 C13		***0.101 C13***	
PCB-152			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-153			7.4E-05 C		0.00023 C		0.00011 C		***0.211 CE***	
PCB-154			< 1.9E-05		< 1.9E-05		< 1.9E-06		5.9E-05	
PCB-155			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-156			< 3.8E-05		< 3.8E-05		9.3E-06 C		***0.0107 C***	
PCB-157	69782-90-7		< 3.8E-05		< 3.8E-05		9.3E-06 C15		***0.0107 C15***	
PCB-158			< 1.9E-05		3.5E-05		1E-05		***0.0165***	
PCB-159			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00448***	
PCB-160			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-161			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-162			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00264***	
PCB-163			0.00011 C12		***0.00036 C12***		0.00014 C12		***0.194 C12***	
PCB-164			< 1.9E-05		3.5E-05		6.6E-06		***0.0144***	
PCB-165			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-166			< 3.8E-05		4.3E-05 C12		1.2E-05 C12		***0.00861 C12***	
PCB-167	52663-72-6		< 1.9E-05		< 1.9E-05		3.7E-06		***0.00449***	
PCB-168			7.4E-05 C15		0.00023 C15		0.00011 C15		***0.211 C15***	
PCB-169	32774-16-6		< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-170			4.6E-05		0.0001		5.6E-05		***0.0939 E***	
PCB-171			< 3.8E-05		4.1E-05 C		1.3E-05 C		***0.0299 C***	
PCB-172			< 1.9E-05		2.6E-05		9.9E-06		***0.0169***	
PCB-173			< 3.8E-05		4.1E-05 C17		1.3E-05 C17		***0.0299 C17***	
PCB-174			5.1E-05		0.00012		5E-05		***0.11 E***	
PCB-175			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00436***	
PCB-176			< 1.9E-05		< 1.9E-05		4.7E-06		***0.0149***	
PCB-177			3.3E-05		7.7E-05		3.1E-05		***0.062 E***	
PCB-178			< 1.9E-05		2.8E-05		1.1E-05		***0.0216***	
PCB-179			2.3E-05		5.2E-05		1.8E-05		***0.0468 E***	
PCB-180			0.00011 C		0.00025 C		0.00012 C		***0.225 CE***	
PCB-181			< 1.9E-05		< 1.9E-05		< 1.9E-06		0.00013	
PCB-182			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-183			< 3.8E-05		8.2E-05 C		3.1E-05 C		***0.0727 C***	
PCB-184			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTJ19	BLDG50DPTJ19	BLDG50DPTK19	BLDG50DPTK19	BLDG50DPTP27	BLDG50DPTP27	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTV10
		12/9/2010	12/9/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010
		BHJ191012-25-01	BHJ191012-25-99	BHK191012-24-01	BHK191012-24-99	BHP271012-21-01	BHP271012-21-99	BHT101012-12-01	BHT101012-12-99	BHV101012-16-01
PCB-185			< 3.8E-05		8.2E-05 C18		3.1E-05 C18		***0.0727 C18***	
PCB-186			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-187			6.2E-05		0.00016		7.3E-05		***0.111 E***	
PCB-188			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-189	39635-31-9		< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00293***	
PCB-190			< 1.9E-05		2.7E-05		9.9E-06		***0.0198***	
PCB-191			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00387***	
PCB-192			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-193			0.00011 C18		0.00025 C18		0.00012 C18		***0.225 C18***	
PCB-194			3.2E-05		7E-05		2.5E-05		***0.0458 E***	
PCB-195			< 1.9E-05		< 1.9E-05		9.9E-06		***0.02***	
PCB-196			2E-05		3.9E-05		1.2E-05		***0.0247***	
PCB-197			< 3.8E-05		< 3.8E-05		< 3.8E-06		***0.00744 C***	
PCB-198			4.7E-05 C		0.00011 C		2.9E-05 C		***0.0465 C***	
PCB-199			4.7E-05 C19		0.00011 C19		2.9E-05 C19		***0.0465 C19***	
PCB-200			< 3.8E-05		< 3.8E-05		< 3.8E-06		***0.00744 C19***	
PCB-201			< 1.9E-05		< 1.9E-05		2.8E-06		***0.00606***	
PCB-202			< 1.9E-05		3.2E-05		5.2E-06		***0.00746***	
PCB-203			3.1E-05		7.4E-05		1.7E-05		***0.0264***	
PCB-204			< 1.9E-05		< 1.9E-05		< 1.9E-06		< 1.8E-05	
PCB-205			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00232***	
PCB-206			3.9E-05		9.2E-05		1.1E-05		***0.00822***	
PCB-207			< 1.9E-05		< 1.9E-05		< 1.9E-06		***0.00114***	
PCB-208			< 1.9E-05		3.2E-05		3.2E-06		***0.00133***	
PCB-209			< 1.9E-05		< 1.9E-05		5.9E-06		***0.00039***	
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics		0.0646 J		< 0.2		< 0.2		1.3		< 0.2
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTJ19	BLDG50DPTJ19	BLDG50DPTK19	BLDG50DPTK19	BLDG50DPTP27	BLDG50DPTP27	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTV10
		12/9/2010	12/9/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010
		BHJ191012-25-01	BHJ191012-25-99	BHK191012-24-01	BHK191012-24-99	BHP271012-21-01	BHP271012-21-99	BHT101012-12-01	BHT101012-12-99	BHV101012-16-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV18	BLDG50DPTV18	BLDG50DPTW12	BLDG50DPTW12	BLDG50DPTW6	BLDG50DPTW6
		12/7/2010	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
		BHV101012-16-99	BHV111012-13-01	BHV111012-13-99	BHV181012-19-01	BHV181012-19-99	BHW121012-08-01	BHW121012-08-99	BHW61012-09-01	BHW61012-09-99
VOCs										
Acetone	67-64-1		< 0.0073		< 0.0094		< 0.0079		< 0.01	
Benzene	71-43-2		< 0.00062		< 0.00079		< 0.00066		< 0.00088	
Bis(2-chloroethyl)ether	111-44-4		< 0.21		< 0.049		< 0.042		< 0.048	
Bromobenzene	108-86-1		< 0.00049		< 0.00063		< 0.00053		< 0.0007	
Bromochloromethane	74-97-5		< 0.00051		< 0.00066		< 0.00056		< 0.00074	
Bromodichloromethane	75-27-4		< 0.00065		< 0.00084		< 0.0007		< 0.00093	
Bromoform	75-25-2		< 0.00081		< 0.001		< 0.00088		< 0.0012	
Bromomethane	74-83-9		< 0.0011		< 0.0014		< 0.0011		< 0.0015	
Butylbenzene, n-	104-51-8		< 0.00061		< 0.00078		< 0.00066		< 0.00087	
Butylbenzene, sec-	135-98-8		< 0.00068		< 0.00087		< 0.00073		< 0.00097	
Butylbenzene, tert-	98-06-6		< 0.00092		< 0.0012		< 0.00099		< 0.0013	
Carbon Disulfide	75-15-0		< 0.00049		< 0.00063		< 0.00053		< 0.0071	
Carbon Tetrachloride	56-23-5		< 0.00057		< 0.00073		< 0.00061		< 0.00081	
Chlorobenzene	108-90-7		< 0.0005		< 0.00064		< 0.00054		< 0.00071	
Chloroethane	75-00-3		< 0.0008		< 0.001		< 0.00087		< 0.0012	
Chloroform	67-66-3		< 0.00053		< 0.00069		< 0.00058		< 0.00076	
Chloromethane	74-87-3		< 0.00099		< 0.0013		< 0.0011		< 0.0014	
Chloronaphthalene, Beta-	91-58-7		< 0.19		< 0.045		< 0.038		< 0.044	
Chlorophenol, 2-	95-57-8		< 0.24		< 0.057		< 0.049		< 0.057	
Chlorotoluene, o-	95-49-8		< 0.00074		< 0.00095		< 0.0008		< 0.0011	
Chlorotoluene, p-	106-43-4		< 0.00095		< 0.0012		< 0.001		< 0.0014	
cis-1,3-Dichloropropene	10061-01-5		< 0.00047		< 0.00061		< 0.00051		< 0.00068	
Cresol, p-chloro-m-	59-50-7		< 0.19		< 0.045		< 0.039		< 0.045	
Dibromo-3-chloropropane, 1,2-	96-12-8		< 0.0023		< 0.003		< 0.0025		< 0.0034	
Dibromochloromethane	124-48-1		< 0.00048		< 0.00062		< 0.00052		< 0.00069	
Dibromoethane, 1,2-	106-93-4		< 0.00087		< 0.0011		< 0.00094		< 0.0012	
Dibromomethane (Methylene Bromide)	74-95-3		< 0.00082		< 0.0011		< 0.00089		< 0.0012	
Dichlorobenzene, 1,2-	95-50-1		< 0.00063		< 0.00081		< 0.00068		< 0.0009	
Dichlorobenzene, 1,3-	541-73-1		< 0.00062		< 0.00081		< 0.00068		< 0.0009	
Dichlorobenzene, 1,4-	106-46-7		< 0.00062		< 0.00079		< 0.00066		< 0.00088	
Dichlorodifluoromethane	75-71-8		< 0.001		< 0.0013		< 0.0011		< 0.0015	
Dichloroethane, 1,1-	75-34-3		< 0.0008		< 0.001		< 0.00086		< 0.0011	
Dichloroethane, 1,2-	107-06-2		< 0.00059		< 0.00076		< 0.00064		< 0.00084	
Dichloroethene, 1,1-	75-35-4		< 0.00068		< 0.00087		< 0.00073		< 0.00097	
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2		< 0.00089		< 0.0011		< 0.00096		< 0.0013	
Dichloroethylene, 1,2-trans-	156-60-5		< 0.00069		< 0.00089		< 0.00075		< 0.00099	
Dichloropropane, 1,2-	78-87-5		< 0.00071		< 0.00091		< 0.00076		< 0.001	
Dichloropropane, 1,3-	142-28-9		< 0.00062		< 0.00079		< 0.00067		< 0.00089	
Dichloropropane, 2,2-	594-20-7		< 0.00051		< 0.00065		< 0.00055		< 0.00073	
Dichloropropene, 1,1-	563-58-6		< 0.00058		< 0.00075		< 0.00063		< 0.00083	
Dichloropropene, trans-1,3-	10061-02-6		< 0.00055		< 0.00071		< 0.0006		< 0.00079	
Ethylbenzene	100-41-4		< 0.00079		< 0.001		< 0.00086		< 0.0011	

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV18	BLDG50DPTV18	BLDG50DPTW12	BLDG50DPTW12	BLDG50DPTW6	BLDG50DPTW6
		12/7/2010	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
		BHV101012-16-99	BHV111012-13-01	BHV111012-13-99	BHV181012-19-01	BHV181012-19-99	BHW121012-08-01	BHW121012-08-99	BHW61012-09-01	BHW61012-09-99
Hexachlorobutadiene	87-68-3		< 0.001		< 0.0013		< 0.0011		< 0.0014	
Hexanone, 2-	591-78-6		< 0.0058		< 0.0075		< 0.0063		< 0.0083	
Isopropylbenzene (Cumene)	98-82-8		< 0.00062		< 0.00079		< 0.00066		< 0.00088	
Isopropyltoluene, p-	99-87-6		< 0.0008		< 0.001		< 0.00086		< 0.0011	
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.0051		< 0.0065		< 0.0055		< 0.0073	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.0049		< 0.0063		< 0.0053		< 0.007	
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2		0.0052 J		< 0.0027		< 0.0022		< 0.003	
Naphthalene	91-20-3		< 0.00076		< 0.00098		0.0012 J		0.0117	
Nitrobenzene	98-95-3		< 0.14		< 0.033		< 0.028		< 0.033	
Propylbenzene, n-	103-65-1		< 0.00065		< 0.00083		< 0.0007		< 0.00093	
Styrene	100-42-5		< 0.00068		< 0.00088		< 0.00074		< 0.00097	
Tetrachloroethane, 1,1,1,2-	630-20-6		< 0.00037		< 0.00048		< 0.0004		< 0.00053	
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.0012		< 0.0015		< 0.0013		< 0.0017	
Tetrachloroethene	127-18-4		< 0.00068		< 0.00087		< 0.00073		0.008	
Toluene	108-88-3		< 0.00084		< 0.0011		< 0.0009		< 0.0012	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6		< 0.00092		< 0.0012		< 0.00099		< 0.0013	
Trichlorobenzene, 1,2,4-	120-82-1		< 0.00091		< 0.0012		< 0.00098		< 0.0013	
Trichloroethane, 1,1,1-	71-55-6		< 0.00061		< 0.00078		< 0.00066		< 0.00087	
Trichloroethane, 1,1,2-	79-00-5		< 0.0017		< 0.0022		< 0.0019		< 0.0025	
Trichloroethene	79-01-6		< 0.0015		< 0.0019		< 0.0016		0.0037 J	
Trichlorofluoromethane	75-69-4		< 0.00061		< 0.00079		< 0.00066		< 0.00088	
Trichloropropane, 1,2,3-	96-18-4		< 0.0015		< 0.0019		< 0.0016		< 0.0022	
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6		< 0.00075		< 0.00096		< 0.00081		< 0.0011	
Trimethylbenzene, 1,3,5-	108-67-8		< 0.00087		< 0.0011		< 0.00093		< 0.0012	
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4		< 0.0009		< 0.0012		< 0.00097		< 0.0013	
Xylene, o-	95-47-6		< 0.00056		< 0.00072		< 0.00061		< 0.00081	
Xylenes	1330-20-7		< 0.0018		< 0.0024		< 0.002		< 0.0026	
Xylenes, m & p			< 0.0013		< 0.0016		< 0.0014		< 0.0018	
SVOCs										
Acenaphthene	83-32-9		0.0083 J		< 0.0014		0.0021 J		0.0284	
Aniline	62-53-3		< 0.93		< 0.22		< 0.19		< 0.22	
Anthracene	120-12-7		0.0158 J		< 0.0016		0.0042 J		0.051	
Benzidine	92-87-5		< 1.6		< 0.37		< 0.32		< 0.37	
Benzo[a]anthracene	56-55-3		0.126		0.0047 J		0.0733		0.198	
Benzo[a]pyrene	50-32-8		0.118		< 0.0044		0.0784		0.156	
Benzo[b]fluoranthene	205-99-2		0.147		0.0133		0.0996		0.27	
Benzo[k]fluoranthene	207-08-9		0.0893		0.02		0.0456		0.0783	
Benzoic Acid	65-85-0		< 0.32		< 0.077		< 0.066		< 0.076	
Benzyl Alcohol	100-51-6		< 0.24		< 0.056		< 0.048		< 0.056	
Bis(2-chloroethoxy)methane	111-91-1		< 0.18		< 0.043		< 0.037		< 0.043	

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV18	BLDG50DPTV18	BLDG50DPTW12	BLDG50DPTW12	BLDG50DPTW6	BLDG50DPTW6
		12/7/2010	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
		BHV101012-16-99	BHV111012-13-01	BHV111012-13-99	BHV181012-19-01	BHV181012-19-99	BHW121012-08-01	BHW121012-08-99	BHW61012-09-01	BHW61012-09-99
bis(2-Chloroisopropyl)ether	39638-32-9		< 0.28		< 0.067		< 0.057		< 0.066	
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.37		< 0.087		< 0.074		< 0.086	
Bromophenyl phenyl ether, 4-	101-55-3		< 0.23		< 0.056		< 0.048		< 0.055	
Butyl Benzyl Phthlate	85-68-7		< 0.23		< 0.056		< 0.048		< 0.055	
Carbazole	86-74-8		< 0.16		< 0.038		< 0.032		< 0.038	
Chloroaniline, p-	106-47-8		< 0.62		< 0.15		< 0.13		< 0.15	
Chlorophenyl-phenylether, 4-	7005-72-3		< 0.24		< 0.058		< 0.049		< 0.057	
Chrysene	218-01-9		0.155		0.0052 J		0.08		0.2	
Cresol, 3&4-			< 0.48		< 0.11		< 0.098		< 0.11	
Cresol, o-	95-48-7		< 0.16		< 0.038		< 0.033		< 0.038	
Dibenz[a,h]anthracene	53-70-3		< 0.033		< 0.0079		< 0.0067		0.0216	
Dibenzofuran	132-64-9		< 0.23		< 0.053		< 0.046		< 0.053	
Dibutyl Phthalate	84-74-2		< 0.23		< 0.055		< 0.047		< 0.055	
Dichlorobenzidine, 3,3'-	91-94-1		< 0.37		< 0.089		< 0.076		< 0.088	
Dichlorophenol, 2,4-	120-83-2		< 0.21		< 0.049		< 0.042		< 0.049	
Diethyl Phthalate	84-66-2		< 0.21		< 0.051		< 0.043		< 0.05	
Dimethyl phthalate	131-11-3		< 0.25		< 0.059		< 0.05		< 0.059	
Dimethylphenol, 2,4-	105-67-9		< 0.15		< 0.036		< 0.031		< 0.036	
Dinitro-o-cresol, 4,6-	534-52-1		< 0.35		< 0.082		< 0.07		< 0.081	
Dinitrophenol, 2,4-	51-28-5		< 2.2		< 0.51		< 0.44		< 0.51	
Dinitrotoluene, 2,4-	121-14-2		< 0.19		< 0.045		< 0.038		< 0.044	
Dinitrotoluene, 2,6-	606-20-2		< 0.23		< 0.055		< 0.047		< 0.054	
Di-n-octylphthalate			< 0.2		< 0.048		< 0.041		< 0.048	
Diphenylhydrazine, 1,2-	122-66-7		< 0.23		< 0.053		< 0.046		< 0.053	
Fluoranthene	206-44-0		0.13		0.0111		0.0816		0.529	
Fluorene	86-73-7		< 0.012		< 0.0029		< 0.0025		0.0267	
Hexachlorobenzene	118-74-1		< 0.25		< 0.059		< 0.051		< 0.059	
Hexachlorocyclopentadiene	77-47-4		< 1.4		< 0.34		< 0.29		< 0.34	
Hexachloroethane	67-72-1		< 0.22		< 0.053		< 0.045		< 0.053	
Isophorone	78-59-1		< 0.19		< 0.044		< 0.038		< 0.044	
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4		< 0.32		< 0.076		< 0.065		< 0.076	
Nitroaniline, 3-	99-09-2		< 0.35		< 0.082		< 0.07		< 0.082	
Nitroaniline, 4-	100-01-6		< 0.46		< 0.11		< 0.093		< 0.11	
Nitrophenol, 2-	88-75-5		< 0.2		< 0.047		< 0.04		< 0.047	
Nitrophenol, 4-	100-02-7		< 2.1		< 0.51		< 0.43		< 0.5	
Nitrosodimethylamine, N-	62-75-9		< 0.19		< 0.045		< 0.038		< 0.044	
Nitroso-di-N-propylamine, N-	621-64-7		< 0.21		< 0.051		< 0.043		< 0.05	
Nitrosodiphenylamine, N-	86-30-6		< 0.22		< 0.051		< 0.044		< 0.051	
Pentachlorophenol	87-86-5		< 0.35		< 0.083		< 0.071		< 0.083	
Phenanthrene	85-01-8									
Phenol	108-95-2		< 0.15		< 0.036		< 0.031		< 0.036	
Pyrene	129-00-0		0.21		0.0084		0.125		0.351	

Table A-1
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Bannister Federal Complex

Chemical	CAS	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV18	BLDG50DPTV18	BLDG50DPTW12	BLDG50DPTW12	BLDG50DPTW6	BLDG50DPTW6
		12/7/2010	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
		BHV101012-16-99	BHV111012-13-01	BHV111012-13-99	BHV181012-19-01	BHV181012-19-99	BHW121012-08-01	BHW121012-08-99	BHW61012-09-01	BHW61012-09-99
Pyridine	110-86-1		< 0.15		< 0.035		< 0.03		< 0.035	
Trichlorophenol, 2,4,5-	95-95-4		< 0.22		< 0.053		< 0.045		< 0.052	
Trichlorophenol, 2,4,6-	88-06-2		< 0.27		< 0.064		< 0.055		< 0.063	
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2		1.7		6.9		1.7		9.8	
Barium	7440-39-3		45.8		132		36.6		132	
Beryllium	7440-41-7									
Cadmium	7440-43-9		0.3		0.17 J		0.19 J		0.2 J	
Calcium	7440-70-2									
Chromium, Total	7440-47-3		6.3		18.5		6.7		17.1	
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1		9.8		***29.4***		4.4		***40.5***	
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6		0.01 J		0.021		0.0091 J		0.017 J	
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2		0.38 J		< 0.19		0.53 J		< 0.2	
Silver	7440-22-4		< 0.069		< 0.076		< 0.064		< 0.081	
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
PCB-001		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-002		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-003		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-004		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-005		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-006		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-007		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-008		< 1.8E-05		3E-05 B		3.3E-06 BQ		< 1.8E-05		2.6E-05 B

Table A-1
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Bannister Federal Complex

Chemical	CAS	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV18	BLDG50DPTV18	BLDG50DPTW12	BLDG50DPTW12	BLDG50DPTW6	BLDG50DPTW6
		12/7/2010	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
		BHV101012-16-99	BHV111012-13-01	BHV111012-13-99	BHV181012-19-01	BHV181012-19-99	BHW121012-08-01	BHW121012-08-99	BHW61012-09-01	BHW61012-09-99
PCB-009		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-010		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-011		< 0.00091		< 0.00099		< 9.2E-05		< 0.00091		< 0.00092
PCB-012		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-013		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-014		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-015		< 9.1E-05		< 9.9E-05		< 9.2E-06		< 9.1E-05		< 9.2E-05
PCB-016		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-017		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-018		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-019		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-020		< 0.00018		< 0.0002		< 1.8E-05		< 0.00018		< 0.00019
PCB-021		< 0.00018		< 0.0002		< 1.8E-05		< 0.00018		< 0.00019
PCB-022		< 9.1E-05		< 9.9E-05		< 9.2E-06		< 9.1E-05		< 9.2E-05
PCB-023		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-024		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-025		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-026		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-027		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-028		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-029		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-030		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-031		< 9.1E-05		< 9.9E-05		< 9.2E-06		< 9.1E-05		< 9.2E-05
PCB-032		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-033		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-034		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-035		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-036		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-037		< 9.1E-05		< 9.9E-05		< 9.2E-06		< 9.1E-05		< 9.2E-05
PCB-038		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-039		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-040		< 1.8E-05		3.5E-05 C		< 1.8E-06		< 1.8E-05		5.7E-05 C
PCB-041		< 0.00091		< 0.00099		< 9.2E-05		< 0.00091		< 0.00092
PCB-042		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		2.8E-05
PCB-043		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-044		< 5.4E-05		0.00011 C		< 5.5E-06		< 5.5E-05		0.00013 C
PCB-045		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-046		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-047		< 5.4E-05		0.00011 C44		< 5.5E-06		< 5.5E-05		0.00013 C44
PCB-048		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-049		< 3.6E-05		4.6E-05 C		4.5E-06 C		< 3.7E-05		8.1E-05 C
PCB-050		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-051		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-052		0.00014		***0.0005***		8.3E-06		2.1E-05		***0.00049***

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Chemical	CAS	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV18	BLDG50DPTV18	BLDG50DPTW12	BLDG50DPTW12	BLDG50DPTW6	BLDG50DPTW6
		12/7/2010	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
		BHV101012-16-99	BHV111012-13-01	BHV111012-13-99	BHV181012-19-01	BHV181012-19-99	BHW121012-08-01	BHW121012-08-99	BHW61012-09-01	BHW61012-09-99
PCB-053		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-054		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-055		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-056		< 1.8E-05		4.8E-05		2.1E-06		< 1.8E-05		9E-05
PCB-057		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-058		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-059		< 5.4E-05		< 6E-05		< 5.5E-06		< 5.5E-05		< 5.6E-05
PCB-060		< 1.8E-05		2.8E-05		< 1.8E-06		< 1.8E-05		3.9E-05
PCB-061		< 7.3E-05		0.00017 C		1.1E-05 C		< 7.3E-05		0.00025 C
PCB-062		< 5.4E-05		< 6E-05		< 5.5E-06		< 5.5E-05		< 5.6E-05
PCB-063		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-064		1.9E-05		5E-05		< 1.8E-06		< 1.8E-05		0.00011
PCB-065		< 5.4E-05		0.00011 C44		< 5.5E-06		< 5.5E-05		0.00013 C44
PCB-066		< 9.1E-05		< 9.9E-05		< 9.2E-06		< 9.1E-05		0.00017
PCB-067		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-068		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-069		< 3.6E-05		4.6E-05 C49		4.5E-06 C49		< 3.7E-05		8.1E-05 C49
PCB-070		< 7.3E-05		0.00017 C61		1.1E-05 C61		< 7.3E-05		0.00025 C61
PCB-071		< 1.8E-05		3.5E-05 C40		< 1.8E-06		< 1.8E-05		5.7E-05 C40
PCB-072		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-073		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-074		< 7.3E-05		0.00017 C61		1.1E-05 C61		< 7.3E-05		0.00025 C61
PCB-075		< 5.4E-05		< 6E-05		< 5.5E-06		< 5.5E-05		< 5.6E-05
PCB-076		< 7.3E-05		0.00017 C61		1.1E-05 C61		< 7.3E-05		0.00025 C61
PCB-077	32598-13-3	< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		0.00004
PCB-078		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-079		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		3.2E-05
PCB-080		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-081	70362-50-4	< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-082		2.6E-05		3.9E-05		< 1.8E-06		< 1.8E-05		6.4E-05
PCB-083		9.5E-05		7E-05		< 1.8E-06		2E-05		0.00016
PCB-084		0.00014		0.00022		2.3E-06		3.5E-05		0.00026
PCB-085		< 5.4E-05		< 6E-05		8.6E-06 C		< 5.5E-05		0.00011 C
PCB-086		***0.00052 C***		***0.0007 C***		1.7E-05 C		< 0.00011		***0.00103 C***
PCB-087		***0.00052 C86***		***0.0007 C86***		1.7E-05 C86		< 0.00011		***0.00103 C86***
PCB-088		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		7.7E-05 C
PCB-089		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-090		***0.004 C***		***0.00637 C***		4.2E-05 C		***0.0004 C***		***0.00748 C***
PCB-091		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		7.7E-05 C88
PCB-092		***0.00048***		***0.00062***		6.4E-06		7.9E-05		***0.00089***
PCB-093		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-094		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-095		***0.0044***		***0.00639***		2.2E-05		***0.00097***		***0.00662***
PCB-096		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV18	BLDG50DPTV18	BLDG50DPTW12	BLDG50DPTW12	BLDG50DPTW6	BLDG50DPTW6
		12/7/2010	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
		BHV101012-16-99	BHV111012-13-01	BHV111012-13-99	BHV181012-19-01	BHV181012-19-99	BHW121012-08-01	BHW121012-08-99	BHW61012-09-01	BHW61012-09-99
PCB-097		***0.00052 C86***		***0.0007 C86***		1.7E-05 C86		< 0.00011		***0.00103 C86***
PCB-098		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-099		8.6E-05		0.00012		1.7E-05		< 1.8E-05		0.00027
PCB-100		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-101		***0.004 C90***		***0.00637 C90***		4.2E-05 C90		***0.0004 C90***		***0.00748 C90***
PCB-102		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-103		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-104		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-105	32598-14-4	0.00013		0.00016		1.5E-05		1.9E-05		0.00031
PCB-106		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-107		2.4E-05		3E-05		3.2E-06		< 1.8E-05		6.2E-05
PCB-108		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		3.9E-05 C
PCB-109		***0.00052 C86***		***0.0007 C86***		1.7E-05 C86		< 0.00011		***0.00103 C86***
PCB-110		***0.00264 C***		***0.00278 C***		3E-05 C		***0.00051 C***		***0.00429 C***
PCB-111		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-112		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-113		***0.004 C90***		***0.00637 C90***		4.2E-05 C90		***0.0004 C90***		***0.00748 C90***
PCB-114	74472-37-0	< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-115		***0.00264 C11***		***0.00278 C11***		3E-05 C11		***0.00051 C11***		***0.00429 C11***
PCB-116		< 5.4E-05		< 6E-05		8.6E-06 C85		< 5.5E-05		0.00011 C85
PCB-117		< 5.4E-05		< 6E-05		8.6E-06 C85		< 5.5E-05		0.00011 C85
PCB-118	31508-00-6	***0.00105***		***0.00117***		3.6E-05		0.00012		***0.00182***
PCB-119		***0.00052 C86***		***0.0007 C86***		1.7E-05 C86		< 0.00011		***0.00103 C86***
PCB-120		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-121		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-122		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-123	65510-44-3	< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-124		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		3.9E-05 C10
PCB-125		***0.00052 C86***		***0.0007 C86***		1.7E-05 C86		< 0.00011		***0.00103 C86***
PCB-126	57465-28-8	< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-127		2.4E-05		< 2E-05		< 1.8E-06		< 1.8E-05		5.1E-05
PCB-128		***0.00098 C***		***0.00082 C***		1.5E-05 C		0.00017 C		***0.00153 C***
PCB-129		***0.0211 C***		***0.0196 C***		0.00018 C		***0.00386 C***		***0.034 C***
PCB-130		***0.00055***		***0.00048***		5.8E-06		0.00012		***0.0009***
PCB-131		8.4E-05		8.4E-05		< 1.8E-06		< 1.8E-05		0.00013
PCB-132		***0.0059***		***0.00579***		2.8E-05		***0.00119***		***0.00925***
PCB-133		0.00018		0.00017		< 1.8E-06		4.1E-05		0.00031
PCB-134		***0.00077***		***0.00036***		3.3E-06		0.00016		***0.00126***
PCB-135		***0.0105 C***		***0.0101 C***		4.9E-05 C		***0.00216 C***		***0.0169 C***
PCB-136		***0.0035***		***0.00372***		1.2E-05		***0.00075***		***0.00534***
PCB-137		2.8E-05		4.6E-05		2.6E-06		1.9E-05		< 1.9E-05
PCB-138		***0.0211 C12***		***0.0196 C12***		0.00018 C12		***0.00386 C12***		***0.034 C12***
PCB-139		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05
PCB-140		< 3.6E-05		< 4E-05		< 3.7E-06		< 3.7E-05		< 3.7E-05

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV18	BLDG50DPTV18	BLDG50DPTW12	BLDG50DPTW12	BLDG50DPTW6	BLDG50DPTW6
		12/7/2010	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
		BHV101012-16-99	BHV111012-13-01	BHV111012-13-99	BHV181012-19-01	BHV181012-19-99	BHW121012-08-01	BHW121012-08-99	BHW61012-09-01	BHW61012-09-99
PCB-141		***0.00601***		***0.00618***		3.1E-05		***0.001***		***0.00961***
PCB-142		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-143		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-144		***0.00122***		***0.00143***		5.6E-06		0.00027		***0.00205***
PCB-145		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-146		***0.00274***		***0.00261***		2.1E-05		***0.00056***		***0.00469***
PCB-147		***0.0208 C***		***0.0203 C***		0.0001 C		***0.00442 C***		***0.0345 C***
PCB-148		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-149		***0.0208 C14***		***0.0203 C14***		0.0001 C14		***0.00442 C14***		***0.0345 C14***
PCB-150		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-151		***0.0105 C13***		***0.0101 C13***		4.9E-05 C13		***0.00216 C13***		***0.0169 C13***
PCB-152		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-153		***0.0222 C***		***0.0218 C***		0.00016 C		***0.00363 C***		***0.0363 C***
PCB-154		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-155		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-156		***0.00109 C***		***0.00103 C***		1.3E-05 C		0.00016 C		***0.00159 C***
PCB-157	69782-90-7	***0.00109 C15***		***0.00103 C15***		1.3E-05 C15		0.00016 C15		***0.00159 C15***
PCB-158		***0.0017***		***0.00158***		1.2E-05		0.0003		***0.00251***
PCB-159		***0.00054***		0.00031		2.1E-06		7.9E-05		***0.00086***
PCB-160		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-161		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-162		0.00029		0.00018		< 1.8E-06		4.9E-05		***0.0005***
PCB-163		***0.0211 C12***		***0.0196 C12***		0.00018 C12		***0.00386 C12***		***0.034 C12***
PCB-164		***0.00154***		***0.00137***		9.5E-06		0.00028		***0.00254***
PCB-165		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-166		***0.00098 C12***		***0.00082 C12***		1.5E-05 C12		0.00017 C12		***0.00153 C12***
PCB-167	52663-72-6	***0.00048***		***0.0004***		5.5E-06		8.3E-05		***0.00075***
PCB-168		***0.0222 C15***		***0.0218 C15***		0.00016 C15		***0.00363 C15***		***0.0363 C15***
PCB-169	32774-16-6	< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-170		***0.0122***		***0.0112***		6.6E-05		***0.00205***		***0.0172***
PCB-171		***0.0035 C***		***0.003 C***		1.7E-05 C		***0.00061 C***		***0.00514 C***
PCB-172		***0.00207***		***0.00167***		1.1E-05		***0.00035***		***0.0031***
PCB-173		***0.0035 C17***		***0.003 C17***		1.7E-05 C17		***0.00061 C17***		***0.00514 C17***
PCB-174		***0.0138***		***0.0119***		6.4E-05		***0.00245***		***0.0206***
PCB-175		***0.00048***		***0.00041***		2.2E-06		8.8E-05		***0.0007***
PCB-176		***0.00164***		***0.00147***		6.2E-06		0.0003		***0.00249***
PCB-177		***0.00779***		***0.00687***		3.9E-05		***0.00138***		***0.0117***
PCB-178		***0.00246***		***0.00208***		1.5E-05		***0.00044***		***0.00393***
PCB-179		***0.00542***		***0.00501***		2.5E-05		***0.00104***		***0.00881***
PCB-180		***0.0276 C***		***0.0241 C***		0.00015 C		***0.00487 C***		***0.0406 C***
PCB-181		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		2.7E-05
PCB-182		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-183		***0.0089 C***		***0.00764 C***		4.1E-05 C		***0.00155 C***		***0.0127 C***
PCB-184		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV18	BLDG50DPTV18	BLDG50DPTW12	BLDG50DPTW12	BLDG50DPTW6	BLDG50DPTW6
		12/7/2010	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
		BHV101012-16-99	BHV111012-13-01	BHV111012-13-99	BHV181012-19-01	BHV181012-19-99	BHW121012-08-01	BHW121012-08-99	BHW61012-09-01	BHW61012-09-99
PCB-185		***0.0089 C18***		***0.00764 C18***		4.1E-05 C18		***0.00155 C18***		***0.0127 C18***
PCB-186		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-187		***0.0146***		***0.0122***		8.7E-05		***0.00253***		***0.0214***
PCB-188		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-189	39635-31-9	***0.00034***		0.00029		2.3E-06		6.1E-05		***0.00048***
PCB-190		***0.00238***		***0.00212***		1.4E-05		***0.00039***		***0.00343***
PCB-191		***0.00044***		***0.00036***		2.1E-06		7.4E-05		***0.00061***
PCB-192		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-193		***0.0276 C18***		***0.0241 C18***		0.00015 C18		***0.00487 C18***		***0.0406 C18***
PCB-194		***0.00541***		***0.00537***		3.4E-05		***0.00096***		***0.00842***
PCB-195		***0.00277***		***0.00213***		1.4E-05		***0.00039***		***0.00363***
PCB-196		***0.00343***		***0.00258***		1.6E-05		***0.0005***		***0.00454***
PCB-197		***0.00099 C***		***0.00071 C***		4.7E-06 C		0.00015 C		***0.0014 C***
PCB-198		***0.00652 C***		***0.00497 C***		4E-05 C		***0.00095 C***		***0.00893 C***
PCB-199		***0.00652 C19***		***0.00497 C19***		4E-05 C19		***0.00095 C19***		***0.00893 C19***
PCB-200		***0.00099 C19***		***0.00071 C19***		4.7E-06 C19		0.00015 C19		***0.0014 C19***
PCB-201		***0.00076***		***0.00057***		3.6E-06		0.00012		***0.00106***
PCB-202		***0.00089***		***0.00074***		8.3E-06		0.00015		***0.00142***
PCB-203		***0.00374***		***0.00286***		2.2E-05		***0.00053***		***0.00505***
PCB-204		< 1.8E-05		< 2E-05		< 1.8E-06		< 1.8E-05		< 1.9E-05
PCB-205		0.00028		0.00024		1.9E-06		5E-05		***0.00041***
PCB-206		***0.00103***		***0.00086***		1.7E-05		0.00015		***0.00147***
PCB-207		0.00012		0.00011		2.6E-06		2.5E-05		0.00019
PCB-208		0.00016		0.00013		6.7E-06		2.8E-05		0.00023
PCB-209		4.2E-05		2.7E-05		2E-05		< 1.8E-05		8.5E-05
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics			< 0.2		< 0.2		< 0.2		< 0.2	
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV18	BLDG50DPTV18	BLDG50DPTW12	BLDG50DPTW12	BLDG50DPTW6	BLDG50DPTW6
		12/7/2010	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
		BHV101012-16-99	BHV111012-13-01	BHV111012-13-99	BHV181012-19-01	BHV181012-19-99	BHW121012-08-01	BHW121012-08-99	BHW61012-09-01	BHW61012-09-99

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTW6-2	BLDG50DPTW6-2	BLDG50DPTY12	BLDG50DPTY12	BLDG50E10-BH26	BR189SS01	BR289SS02	BR389SS03	D27O89BH06
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/10/2010	8/29/1989	8/29/1989	8/29/1989	4/27/1989
		BHW621012-10-01	BHW621012-10-99	BHY121012-15-01	BHY121012-15-99	BHE101012-26-01	SSRIVSED890829-01-01	SSRIVSED890829-02-01	SSRIVSED890829-03-01	BH27O0008904-06-01
VOCs										
Acetone	67-64-1	< 0.01		< 0.0074		< 0.0062				
Benzene	71-43-2	< 0.00085		< 0.00062		< 0.00052				
Bis(2-chloroethyl)ether	111-44-4	< 0.046		< 0.21		< 0.044				
Bromobenzene	108-86-1	< 0.00067		< 0.00049		< 0.00041				
Bromochloromethane	74-97-5	< 0.00071		< 0.00052		< 0.00044				
Bromodichloromethane	75-27-4	< 0.0009		< 0.00066		< 0.00055				
Bromoform	75-25-2	< 0.0011		< 0.00082		< 0.00069				
Bromomethane	74-83-9	< 0.0015		< 0.0011		< 0.00089				
Butylbenzene, n-	104-51-8	< 0.00084		0.0023 J		< 0.00052				
Butylbenzene, sec-	135-98-8	< 0.00093		0.0035		< 0.00057				
Butylbenzene, tert-	98-06-6	< 0.0013		< 0.00092		< 0.00077				
Carbon Disulfide	75-15-0	< 0.00068		< 0.0005		< 0.00042				
Carbon Tetrachloride	56-23-5	< 0.00078		< 0.00057		< 0.00048				
Chlorobenzene	108-90-7	< 0.00068		< 0.0005		< 0.00042				
Chloroethane	75-00-3	< 0.0011		< 0.00081		< 0.00068				
Chloroform	67-66-3	< 0.00073		< 0.00054		< 0.00045				
Chloromethane	74-87-3	< 0.0014		< 0.001		< 0.00084				
Chloronaphthalene, Beta-	91-58-7	< 0.042		< 0.19		< 0.04				
Chlorophenol, 2-	95-57-8	< 0.054		< 0.25		< 0.052				
Chlorotoluene, o-	95-49-8	< 0.001		< 0.00075		< 0.00063				
Chlorotoluene, p-	106-43-4	< 0.0013		< 0.00096		< 0.0008				
cis-1,3-Dichloropropene	10061-01-5	< 0.00065		< 0.00048		< 0.0004				
Cresol, p-chloro-m-	59-50-7	< 0.043		< 0.19		< 0.041				
Dibromo-3-chloropropane, 1,2-	96-12-8	< 0.0032		< 0.0024		< 0.002				
Dibromochloromethane	124-48-1	< 0.00066		< 0.00049		< 0.00041				
Dibromoethane, 1,2-	106-93-4	< 0.0012		< 0.00088		< 0.00074				
Dibromomethane (Methylene Bromide)	74-95-3	< 0.0011		< 0.00083		< 0.0007				
Dichlorobenzene, 1,2-	95-50-1	< 0.00087		< 0.00064		< 0.00053				
Dichlorobenzene, 1,3-	541-73-1	< 0.00087		< 0.00064		< 0.00053				
Dichlorobenzene, 1,4-	106-46-7	< 0.00085		< 0.00062		< 0.00052				
Dichlorodifluoromethane	75-71-8	< 0.0014		< 0.0011		< 0.00089				
Dichloroethane, 1,1-	75-34-3	< 0.0011		< 0.0008		< 0.00068				
Dichloroethane, 1,2-	107-06-2	< 0.00081		< 0.00059		< 0.0005				
Dichloroethene, 1,1-	75-35-4	< 0.00094		< 0.00069		< 0.00057				
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	< 0.0012		< 0.0009		< 0.00075				
Dichloroethylene, 1,2-trans-	156-60-5	< 0.00095		< 0.0007		< 0.00059				
Dichloropropane, 1,2-	78-87-5	< 0.00097		< 0.00071		< 0.0006				
Dichloropropane, 1,3-	142-28-9	< 0.00085		< 0.00062		< 0.00052				
Dichloropropane, 2,2-	594-20-7	< 0.0007		< 0.00051		< 0.00043				
Dichloropropene, 1,1-	563-58-6	< 0.0008		< 0.00059		< 0.00049				
Dichloropropene, trans-1,3-	10061-02-6	< 0.00076		< 0.00056		< 0.00047				
Ethylbenzene	100-41-4	< 0.0011		< 0.0008		< 0.00067				

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTW6-2	BLDG50DPTW6-2	BLDG50DPTY12	BLDG50DPTY12	BLDG50E10-BH26	BR189SS01	BR289SS02	BR389SS03	D27O89BH06
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/10/2010	8/29/1989	8/29/1989	8/29/1989	4/27/1989
		BHW621012-10-01	BHW621012-10-99	BHY121012-15-01	BHY121012-15-99	BHE101012-26-01	SSRIVSED890829-01-01	SSRIVSED890829-02-01	SSRIVSED890829-03-01	BH27O0008904-06-01
Hexachlorobutadiene	87-68-3	< 0.0014		< 0.001		< 0.00085				
Hexanone, 2-	591-78-6	< 0.008		< 0.0058		< 0.0049				
Isopropylbenzene (Cumene)	98-82-8	< 0.00085		< 0.00062		< 0.00052				
Isopropyltoluene, p-	99-87-6	< 0.0011		0.0027 J		< 0.00067				
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.007		< 0.0051		< 0.0043				
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.0067		< 0.0049		< 0.0041				
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.0028		0.0042 J		< 0.0017				
Naphthalene	91-20-3	0.0351		0.0287 J		< 0.00064				
Nitrobenzene	98-95-3	< 0.031		< 0.14		< 0.03				
Propylbenzene, n-	103-65-1	< 0.00089		0.0021 J		< 0.00055				
Styrene	100-42-5	< 0.00094		< 0.00069		< 0.00058				
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.00051		< 0.00038		< 0.00031				
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.0016		< 0.0012		< 0.001				
Tetrachloroethene	127-18-4	< 0.00094		< 0.00069		< 0.00057				
Toluene	108-88-3	< 0.0012		< 0.00084		< 0.00071				
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6	< 0.0013		< 0.00092		< 0.00077				
Trichlorobenzene, 1,2,4-	120-82-1	< 0.0012		< 0.00091		< 0.00077				
Trichloroethane, 1,1,1-	71-55-6	< 0.00084		< 0.00062		< 0.00052				
Trichloroethane, 1,1,2-	79-00-5	< 0.0024		< 0.0017		< 0.0015				
Trichloroethene	79-01-6	< 0.0021		< 0.0015		< 0.0013				
Trichlorofluoromethane	75-69-4	< 0.00085		< 0.00062		< 0.00052				
Trichloropropane, 1,2,3-	96-18-4	< 0.0021		< 0.0015		< 0.0013				
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.001		0.0132		< 0.00063				
Trimethylbenzene, 1,3,5-	108-67-8	< 0.0012		0.0057		< 0.00073				
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.0012		< 0.00091		< 0.00076				
Xylene, o-	95-47-6	< 0.00078		< 0.00057		< 0.00048				
Xylenes	1330-20-7	< 0.0025		< 0.0019		< 0.0016				
Xylenes, m & p		< 0.0018		< 0.0013		< 0.0011				
SVOCs										
Acenaphthene	83-32-9	0.151		< 0.0059		< 0.0012				
Aniline	62-53-3	< 0.21		< 0.95		< 0.2				
Anthracene	120-12-7	0.255		0.0208 J		< 0.0014				
Benzidine	92-87-5	< 0.35		< 1.6		< 0.34				
Benzo[a]anthracene	56-55-3	0.752		0.0296 J		0.0056 J				
Benzo[a]pyrene	50-32-8	0.526		< 0.019		0.0097				
Benzo[b]fluoranthene	205-99-2	1		< 0.019		0.0138				
Benzo[k]fluoranthene	207-08-9	0.318		< 0.023		0.0059 J				
Benzoic Acid	65-85-0	< 0.073		< 0.33		< 0.07				
Benzyl Alcohol	100-51-6	< 0.054		< 0.24		< 0.051				
Bis(2-chloroethoxy)methane	111-91-1	< 0.041		< 0.19		< 0.039				

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTW6-2	BLDG50DPTW6-2	BLDG50DPTY12	BLDG50DPTY12	BLDG50E10-BH26	BR189SS01	BR289SS02	BR389SS03	D27O89BH06
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/10/2010	8/29/1989	8/29/1989	8/29/1989	4/27/1989
		BHW621012-10-01	BHW621012-10-99	BHY121012-15-01	BHY121012-15-99	BHE101012-26-01	SSRIVSED890829-01-01	SSRIVSED890829-02-01	SSRIVSED890829-03-01	BH27O0008904-06-01
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.063		< 0.29		< 0.06				
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.082		< 0.37		0.0925 J				
Bromophenyl phenyl ether, 4-	101-55-3	< 0.053		< 0.24		< 0.05				
Butyl Benzyl Phthlate	85-68-7	< 0.053		< 0.24		< 0.05				
Carbazole	86-74-8	0.227		< 0.16		< 0.034				
Chloroaniline, p-	106-47-8	< 0.14		< 0.63		< 0.13				
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.055		< 0.25		< 0.052				
Chrysene	218-01-9	0.683		0.0436		0.0078				
Cresol, 3&4-		< 0.11		< 0.49		< 0.1				
Cresol, o-	95-48-7	< 0.037		< 0.17		< 0.035				
Dibenz[a,h]anthracene	53-70-3	0.0877		< 0.034		< 0.0071				
Dibenzofuran	132-64-9	0.0981 J		< 0.23		< 0.048				
Dibutyl Phthalate	84-74-2	< 0.052		< 0.24		< 0.05				
Dichlorobenzidine, 3,3'-	91-94-1	< 0.084		< 0.38		< 0.08				
Dichlorophenol, 2,4-	120-83-2	< 0.047		< 0.21		< 0.045				
Diethyl Phthalate	84-66-2	< 0.048		< 0.22		0.0698 J				
Dimethyl phthalate	131-11-3	< 0.056		< 0.25		< 0.053				
Dimethylphenol, 2,4-	105-67-9	< 0.035		< 0.16		< 0.033				
Dinitro-o-cresol, 4,6-	534-52-1	< 0.078		< 0.35		< 0.074				
Dinitrophenol, 2,4-	51-28-5	< 0.49		< 2.2		< 0.46				
Dinitrotoluene, 2,4-	121-14-2	< 0.042		< 0.19		< 0.04				
Dinitrotoluene, 2,6-	606-20-2	< 0.052		< 0.23		< 0.05				
Di-n-octylphthalate		< 0.046		< 0.21		< 0.044				
Diphenylhydrazine, 1,2-	122-66-7	< 0.051		< 0.23		< 0.048				
Fluoranthene	206-44-0	1.98		0.0556		0.0136				
Fluorene	86-73-7	0.134		0.0381		< 0.0026				
Hexachlorobenzene	118-74-1	< 0.056		< 0.25		< 0.054				
Hexachlorocyclopentadiene	77-47-4	< 0.32		< 1.5		< 0.31				
Hexachloroethane	67-72-1	< 0.05		< 0.23		< 0.048				
Isophorone	78-59-1	< 0.042		< 0.19		< 0.04				
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4	< 0.073		< 0.33		< 0.069				
Nitroaniline, 3-	99-09-2	< 0.078		< 0.35		< 0.074				
Nitroaniline, 4-	100-01-6	< 0.1		< 0.47		< 0.098				
Nitrophenol, 2-	88-75-5	< 0.045		< 0.2		< 0.043				
Nitrophenol, 4-	100-02-7	< 0.048		< 2.2		< 0.46				
Nitrosodimethylamine, N-	62-75-9	< 0.042		< 0.19		< 0.04				
Nitroso-di-N-propylamine, N-	621-64-7	< 0.048		< 0.22		< 0.046				
Nitrosodiphenylamine, N-	86-30-6	< 0.049		< 0.22		< 0.046				
Pentachlorophenol	87-86-5	< 0.079		< 0.36		< 0.075				
Phenanthrene	85-01-8									
Phenol	108-95-2	< 0.034		< 0.16		< 0.033				
Pyrene	129-00-0	***1.44***		0.0688		0.0103				

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTW6-2	BLDG50DPTW6-2	BLDG50DPTY12	BLDG50DPTY12	BLDG50E10-BH26	BR189SS01	BR289SS02	BR389SS03	D27O89BH06
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/10/2010	8/29/1989	8/29/1989	8/29/1989	4/27/1989
		BHW621012-10-01	BHW621012-10-99	BHY121012-15-01	BHY121012-15-99	BHE101012-26-01	SSRIVSED890829-01-01	SSRIVSED890829-02-01	SSRIVSED890829-03-01	BH27O0008904-06-01
Pyridine	110-86-1	< 0.033		< 0.15		< 0.032				
Trichlorophenol, 2,4,5-	95-95-4	< 0.05		< 0.23		< 0.048				
Trichlorophenol, 2,4,6-	88-06-2	< 0.061		< 0.27		< 0.058				
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	8.1		1.4		7.9				
Barium	7440-39-3	124		135		233				
Beryllium	7440-41-7									
Cadmium	7440-43-9	0.27 J		0.13 J		0.32				
Calcium	7440-70-2									
Chromium, Total	7440-47-3	12.5		8.2		18				
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1	***14.2***		3		***20.9***				
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	0.08		< 0.0061		0.037				
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	0.25 J		0.43 J		0.41 J				
Silver	7440-22-4	< 0.072		< 0.063		< 0.074				
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2						< 1	< 1	< 1	
Aroclor 1221	11104-28-2						< 1	< 1	< 1	
Aroclor 1232	11141-16-5						< 1	< 1	< 1	
Aroclor 1242	53469-21-9						< 1	< 1	< 1	
Aroclor 1248	12672-29-6						< 1	< 1	< 1	
Aroclor 1254	11097-69-1						< 1	< 1	< 1	< 0.05
Aroclor 1260	11096-82-5						< 1	< 1	< 1	< 0.05
PCB-001			< 1.8E-05		< 1.9E-05					
PCB-002			< 1.8E-05		< 1.9E-05					
PCB-003			< 1.8E-05		< 1.9E-05					
PCB-004			< 1.8E-05		< 1.9E-05					
PCB-005			< 1.8E-05		< 1.9E-05					
PCB-006			< 1.8E-05		< 1.9E-05					
PCB-007			< 1.8E-05		< 1.9E-05					
PCB-008			< 1.8E-05		< 1.9E-05					

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTW6-2	BLDG50DPTW6-2	BLDG50DPTY12	BLDG50DPTY12	BLDG50E10-BH26	BR189SS01	BR289SS02	BR389SS03	D27O89BH06
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/10/2010	8/29/1989	8/29/1989	8/29/1989	4/27/1989
		BHW621012-10-01	BHW621012-10-99	BHY121012-15-01	BHY121012-15-99	BHE101012-26-01	SSRIVSED890829-01-01	SSRIVSED890829-02-01	SSRIVSED890829-03-01	BH27O0008904-06-01
PCB-009			< 1.8E-05		< 1.9E-05					
PCB-010			< 1.8E-05		< 1.9E-05					
PCB-011			< 0.00092		< 0.00093					
PCB-012			< 3.7E-05		< 3.7E-05					
PCB-013			< 3.7E-05		< 3.7E-05					
PCB-014			< 1.8E-05		< 1.9E-05					
PCB-015			< 9.2E-05		< 9.3E-05					
PCB-016			< 1.8E-05		< 1.9E-05					
PCB-017			< 1.8E-05		< 1.9E-05					
PCB-018			< 3.7E-05		< 3.7E-05					
PCB-019			< 1.8E-05		< 1.9E-05					
PCB-020			< 0.00018		< 0.00019					
PCB-021			< 0.00018		< 0.00019					
PCB-022			< 9.2E-05		< 9.3E-05					
PCB-023			< 1.8E-05		< 1.9E-05					
PCB-024			< 1.8E-05		< 1.9E-05					
PCB-025			< 1.8E-05		< 1.9E-05					
PCB-026			< 3.7E-05		< 3.7E-05					
PCB-027			< 1.8E-05		< 1.9E-05					
PCB-028			< 3.7E-05		< 3.7E-05					
PCB-029			< 3.7E-05		< 3.7E-05					
PCB-030			< 3.7E-05		< 3.7E-05					
PCB-031			< 9.2E-05		< 9.3E-05					
PCB-032			< 1.8E-05		< 1.9E-05					
PCB-033			< 3.7E-05		< 3.7E-05					
PCB-034			< 1.8E-05		< 1.9E-05					
PCB-035			< 1.8E-05		< 1.9E-05					
PCB-036			< 1.8E-05		< 1.9E-05					
PCB-037			< 9.2E-05		< 9.3E-05					
PCB-038			< 1.8E-05		< 1.9E-05					
PCB-039			< 1.8E-05		< 1.9E-05					
PCB-040			5.3E-05 C		< 1.9E-05					
PCB-041			< 0.00092		< 0.00093					
PCB-042			2.4E-05		< 1.9E-05					
PCB-043			< 1.8E-05		< 1.9E-05					
PCB-044			0.00012 C		< 5.6E-05					
PCB-045			< 3.7E-05		< 3.7E-05					
PCB-046			< 1.8E-05		< 1.9E-05					
PCB-047			0.00012 C44		< 5.6E-05					
PCB-048			< 1.8E-05		< 1.9E-05					
PCB-049			6.3E-05 C		< 3.7E-05					
PCB-050			< 3.7E-05		< 3.7E-05					
PCB-051			< 3.7E-05		< 3.7E-05					
PCB-052			***0.00048***		5.5E-05					

Table A-1
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Bannister Federal Complex

Chemical	CAS	BLDG50DPTW6-2	BLDG50DPTW6-2	BLDG50DPTY12	BLDG50DPTY12	BLDG50E10-BH26	BR189SS01	BR289SS02	BR389SS03	D27O89BH06
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/10/2010	8/29/1989	8/29/1989	8/29/1989	4/27/1989
		BHW621012-10-01	BHW621012-10-99	BHY121012-15-01	BHY121012-15-99	BHE101012-26-01	SSRIVSED890829-01-01	SSRIVSED890829-02-01	SSRIVSED890829-03-01	BH27O0008904-06-01
PCB-053			< 3.7E-05		< 3.7E-05					
PCB-054			< 1.8E-05		< 1.9E-05					
PCB-055			< 1.8E-05		< 1.9E-05					
PCB-056			8E-05		< 1.9E-05					
PCB-057			< 1.8E-05		< 1.9E-05					
PCB-058			< 1.8E-05		< 1.9E-05					
PCB-059			< 5.5E-05		< 5.6E-05					
PCB-060			3.8E-05		< 1.9E-05					
PCB-061			0.00025 C		< 7.4E-05					
PCB-062			< 5.5E-05		< 5.6E-05					
PCB-063			< 1.8E-05		< 1.9E-05					
PCB-064			8.5E-05		< 1.9E-05					
PCB-065			0.00012 C44		< 5.6E-05					
PCB-066			0.00015		< 9.3E-05					
PCB-067			< 1.8E-05		< 1.9E-05					
PCB-068			< 1.8E-05		< 1.9E-05					
PCB-069			6.3E-05 C49		< 3.7E-05					
PCB-070			0.00025 C61		< 7.4E-05					
PCB-071			5.3E-05 C40		< 1.9E-05					
PCB-072			< 1.8E-05		< 1.9E-05					
PCB-073			< 1.8E-05		< 1.9E-05					
PCB-074			0.00025 C61		< 7.4E-05					
PCB-075			< 5.5E-05		< 5.6E-05					
PCB-076			0.00025 C61		< 7.4E-05					
PCB-077	32598-13-3		4.3E-05		< 1.9E-05					
PCB-078			< 1.8E-05		< 1.9E-05					
PCB-079			2.5E-05		< 1.9E-05					
PCB-080			2.3E-05		< 1.9E-05					
PCB-081	70362-50-4		< 1.8E-05		< 1.9E-05					
PCB-082			6.2E-05		< 1.9E-05					
PCB-083			0.00015		2.7E-05					
PCB-084			0.00029		5E-05					
PCB-085			8.8E-05 C		< 5.6E-05					
PCB-086			***0.00111 C***		0.00012 C					
PCB-087			***0.00111 C86***		0.00012 C86					
PCB-088			6.7E-05 C		< 3.7E-05					
PCB-089			< 1.8E-05		< 1.9E-05					
PCB-090			***0.00821 C***		***0.00086 C***					
PCB-091			6.7E-05 C88		< 3.7E-05					
PCB-092			***0.00097***		0.00014					
PCB-093			< 3.7E-05		< 3.7E-05					
PCB-094			< 1.8E-05		< 1.9E-05					
PCB-095			***0.00765***		***0.00144***					
PCB-096			< 1.8E-05		< 1.9E-05					

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTW6-2	BLDG50DPTW6-2	BLDG50DPTY12	BLDG50DPTY12	BLDG50E10-BH26	BR189SS01	BR289SS02	BR389SS03	D27O89BH06
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/10/2010	8/29/1989	8/29/1989	8/29/1989	4/27/1989
		BHW621012-10-01	BHW621012-10-99	BHY121012-15-01	BHY121012-15-99	BHE101012-26-01	SSRIVSED890829-01-01	SSRIVSED890829-02-01	SSRIVSED890829-03-01	BH27O0008904-06-01
PCB-097			***0.00111 C86***		0.00012 C86					
PCB-098			< 3.7E-05		< 3.7E-05					
PCB-099			0.00021		2.4E-05					
PCB-100			< 3.7E-05		< 3.7E-05					
PCB-101			***0.00821 C90***		***0.00086 C90***					
PCB-102			< 3.7E-05		< 3.7E-05					
PCB-103			< 1.8E-05		< 1.9E-05					
PCB-104			< 1.8E-05		< 1.9E-05					
PCB-105	32598-14-4		0.00032		3.2E-05					
PCB-106			< 1.8E-05		< 1.9E-05					
PCB-107			5.9E-05		< 1.9E-05					
PCB-108			3.9E-05 C		< 3.7E-05					
PCB-109			***0.00111 C86***		0.00012 C86					
PCB-110			***0.00442 C***		***0.00069 C***					
PCB-111			< 1.8E-05		< 1.9E-05					
PCB-112			< 1.8E-05		< 1.9E-05					
PCB-113			***0.00821 C90***		***0.00086 C90***					
PCB-114	74472-37-0		< 1.8E-05		< 1.9E-05					
PCB-115			***0.00442 C11***		***0.00069 C11***					
PCB-116			8.8E-05 C85		< 5.6E-05					
PCB-117			8.8E-05 C85		< 5.6E-05					
PCB-118	31508-00-6		***0.00199***		0.0002					
PCB-119			***0.00111 C86***		0.00012 C86					
PCB-120			< 1.8E-05		< 1.9E-05					
PCB-121			< 1.8E-05		< 1.9E-05					
PCB-122			< 1.8E-05		< 1.9E-05					
PCB-123	65510-44-3		< 1.8E-05		< 1.9E-05					
PCB-124			3.9E-05 C10		< 3.7E-05					
PCB-125			***0.00111 C86***		0.00012 C86					
PCB-126	57465-28-8		2.2E-05		< 1.9E-05					
PCB-127			4.8E-05		< 1.9E-05					
PCB-128			***0.00155 C***		0.00021 C					
PCB-129			***0.0357 C***		***0.00511 C***					
PCB-130			***0.00091***		0.00014					
PCB-131			0.00014		2.3E-05					
PCB-132			***0.00946***		***0.00145***					
PCB-133			0.00032		4.7E-05					
PCB-134			***0.00134***		0.00019					
PCB-135			***0.016 C***		***0.00277 C***					
PCB-136			***0.00554***		***0.00098***					
PCB-137			8E-05		< 1.9E-05					
PCB-138			***0.0357 C12***		***0.00511 C12***					
PCB-139			< 3.7E-05		< 3.7E-05					
PCB-140			< 3.7E-05		< 3.7E-05					

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTW6-2	BLDG50DPTW6-2	BLDG50DPTY12	BLDG50DPTY12	BLDG50E10-BH26	BR189SS01	BR289SS02	BR389SS03	D27O89BH06
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/10/2010	8/29/1989	8/29/1989	8/29/1989	4/27/1989
		BHW621012-10-01	BHW621012-10-99	BHY121012-15-01	BHY121012-15-99	BHE101012-26-01	SSRIVSED890829-01-01	SSRIVSED890829-02-01	SSRIVSED890829-03-01	BH27O0008904-06-01
PCB-141			***0.0104***		***0.00135***					
PCB-142			< 1.8E-05		< 1.9E-05					
PCB-143			< 1.8E-05		< 1.9E-05					
PCB-144			***0.00231***		0.00033					
PCB-145			< 1.8E-05		< 1.9E-05					
PCB-146			***0.00476***		***0.00068***					
PCB-147			***0.0341 C***		***0.00554 C***					
PCB-148			< 1.8E-05		< 1.9E-05					
PCB-149			***0.0341 C14***		***0.00554 C14***					
PCB-150			< 1.8E-05		< 1.9E-05					
PCB-151			***0.016 C13***		***0.00277 C13***					
PCB-152			< 1.8E-05		< 1.9E-05					
PCB-153			***0.0367 C***		***0.00515 C***					
PCB-154			< 1.8E-05		< 1.9E-05					
PCB-155			< 1.8E-05		< 1.9E-05					
PCB-156			***0.00193 C***		0.00022 C					
PCB-157	69782-90-7		***0.00193 C15***		0.00022 C15					
PCB-158			***0.00278***		***0.00039***					
PCB-159			***0.00085***		0.00011					
PCB-160			< 1.8E-05		< 1.9E-05					
PCB-161			< 1.8E-05		< 1.9E-05					
PCB-162			***0.00047***		6.3E-05					
PCB-163			***0.0357 C12***		***0.00511 C12***					
PCB-164			***0.00252***		***0.00035***					
PCB-165			< 1.8E-05		< 1.9E-05					
PCB-166			***0.00155 C12***		0.00021 C12					
PCB-167	52663-72-6		***0.00083***		9.9E-05					
PCB-168			***0.0367 C15***		***0.00515 C15***					
PCB-169	32774-16-6		< 1.8E-05		< 1.9E-05					
PCB-170			***0.0188***		***0.00265***					
PCB-171			***0.00552 C***		***0.00076 C***					
PCB-172			***0.0033***		***0.00045***					
PCB-173			***0.00552 C17***		***0.00076 C17***					
PCB-174			***0.0214***		***0.00319***					
PCB-175			***0.00075***		0.00012					
PCB-176			***0.00257***		***0.00038***					
PCB-177			***0.0122***		***0.00175***					
PCB-178			***0.00397***		***0.00056***					
PCB-179			***0.00865***		***0.00131***					
PCB-180			***0.0433 C***		***0.00652 C***					
PCB-181			2.4E-05		< 1.9E-05					
PCB-182			< 1.8E-05		< 1.9E-05					
PCB-183			***0.0136 C***		***0.00196 C***					
PCB-184			< 1.8E-05		< 1.9E-05					

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTW6-2	BLDG50DPTW6-2	BLDG50DPTY12	BLDG50DPTY12	BLDG50E10-BH26	BR189SS01	BR289SS02	BR389SS03	D27O89BH06
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/10/2010	8/29/1989	8/29/1989	8/29/1989	4/27/1989
		BHW621012-10-01	BHW621012-10-99	BHY121012-15-01	BHY121012-15-99	BHE101012-26-01	SSRIVSED890829-01-01	SSRIVSED890829-02-01	SSRIVSED890829-03-01	BH27O0008904-06-01
PCB-185			***0.0136 C18***		***0.00196 C18***					
PCB-186			< 1.8E-05		< 1.9E-05					
PCB-187			***0.0213***		***0.00352***					
PCB-188			< 1.8E-05		< 1.9E-05					
PCB-189	39635-31-9		***0.00057***		7.8E-05					
PCB-190			***0.00385***		***0.00048***					
PCB-191			***0.00069***		9.7E-05					
PCB-192			< 1.8E-05		< 1.9E-05					
PCB-193			***0.0433 C18***		***0.00652 C18***					
PCB-194			***0.0095***		***0.00113***					
PCB-195			***0.00392***		***0.00055***					
PCB-196			***0.00496***		***0.00074***					
PCB-197			***0.0014 C***		0.00021 C					
PCB-198			***0.00947 C***		***0.00144 C***					
PCB-199			***0.00947 C19***		***0.00144 C19***					
PCB-200			***0.0014 C19***		0.00021 C19					
PCB-201			***0.00109***		0.00017					
PCB-202			***0.00139***		0.00019					
PCB-203			***0.00535***		***0.00079***					
PCB-204			< 1.8E-05		< 1.9E-05					
PCB-205			***0.00045***		7.1E-05					
PCB-206			***0.00165***		0.00022					
PCB-207			0.00022		3.7E-05					
PCB-208			0.00026		3.7E-05					
PCB-209			9.5E-05		< 1.9E-05					
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics		< 0.2		0.166 J		< 0.2				
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLDG50DPTW6-2	BLDG50DPTW6-2	BLDG50DPTY12	BLDG50DPTY12	BLDG50E10-BH26	BR189SS01	BR289SS02	BR389SS03	D27O89BH06
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/10/2010	8/29/1989	8/29/1989	8/29/1989	4/27/1989
		BHW621012-10-01	BHW621012-10-99	BHY121012-15-01	BHY121012-15-99	BHE101012-26-01	SSRIVSED890829-01-01	SSRIVSED890829-02-01	SSRIVSED890829-03-01	BH27O0008904-06-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH08	D27O89BH09	D27O89BH10	D27O89BH11	D27O89BH12	D27O89BH13	D27O89BH14	D27O89BH15	D27O89BH16
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	5/2/1989	5/2/1989
		BH27O0008904-08-01	BH27O0008904-09-01	BH27O0008904-10-01	BH27O0008904-11-01	BH27O0008904-12-01	BH27O0008904-13-01	BH27O0008904-14-01	BH27O0008905-15-01	BH27O0008905-16-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH08	D27O89BH09	D27O89BH10	D27O89BH11	D27O89BH12	D27O89BH13	D27O89BH14	D27O89BH15	D27O89BH16
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	5/2/1989	5/2/1989
		BH27O0008904-08-01	BH27O0008904-09-01	BH27O0008904-10-01	BH27O0008904-11-01	BH27O0008904-12-01	BH27O0008904-13-01	BH27O0008904-14-01	BH27O0008905-15-01	BH27O0008905-16-01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH08	D27O89BH09	D27O89BH10	D27O89BH11	D27O89BH12	D27O89BH13	D27O89BH14	D27O89BH15	D27O89BH16
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	5/2/1989	5/2/1989
		BH27O0008904-08-01	BH27O0008904-09-01	BH27O0008904-10-01	BH27O0008904-11-01	BH27O0008904-12-01	BH27O0008904-13-01	BH27O0008904-14-01	BH27O0008905-15-01	BH27O0008905-16-01
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH08	D27O89BH09	D27O89BH10	D27O89BH11	D27O89BH12	D27O89BH13	D27O89BH14	D27O89BH15	D27O89BH16
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	5/2/1989	5/2/1989
		BH27O0008904-08-01	BH27O0008904-09-01	BH27O0008904-10-01	BH27O0008904-11-01	BH27O0008904-12-01	BH27O0008904-13-01	BH27O0008904-14-01	BH27O0008905-15-01	BH27O0008905-16-01
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9		< 0.05	***0.8***	< 0.05	***0.08***				
Aroclor 1248	12672-29-6	***60***								
Aroclor 1254	11097-69-1	< 3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH08	D27O89BH09	D27O89BH10	D27O89BH11	D27O89BH12	D27O89BH13	D27O89BH14	D27O89BH15	D27O89BH16
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	5/2/1989	5/2/1989
		BH27O0008904-08-01	BH27O0008904-09-01	BH27O0008904-10-01	BH27O0008904-11-01	BH27O0008904-12-01	BH27O0008904-13-01	BH27O0008904-14-01	BH27O0008905-15-01	BH27O0008905-16-01
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH08	D27O89BH09	D27O89BH10	D27O89BH11	D27O89BH12	D27O89BH13	D27O89BH14	D27O89BH15	D27O89BH16
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	5/2/1989	5/2/1989
		BH27O0008904-08-01	BH27O0008904-09-01	BH27O0008904-10-01	BH27O0008904-11-01	BH27O0008904-12-01	BH27O0008904-13-01	BH27O0008904-14-01	BH27O0008905-15-01	BH27O0008905-16-01
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH08	D27O89BH09	D27O89BH10	D27O89BH11	D27O89BH12	D27O89BH13	D27O89BH14	D27O89BH15	D27O89BH16
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	5/2/1989	5/2/1989
		BH27O0008904-08-01	BH27O0008904-09-01	BH27O0008904-10-01	BH27O0008904-11-01	BH27O0008904-12-01	BH27O0008904-13-01	BH27O0008904-14-01	BH27O0008905-15-01	BH27O0008905-16-01
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH08	D27O89BH09	D27O89BH10	D27O89BH11	D27O89BH12	D27O89BH13	D27O89BH14	D27O89BH15	D27O89BH16
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	5/2/1989	5/2/1989
		BH27O0008904-08-01	BH27O0008904-09-01	BH27O0008904-10-01	BH27O0008904-11-01	BH27O0008904-12-01	BH27O0008904-13-01	BH27O0008904-14-01	BH27O0008905-15-01	BH27O0008905-16-01
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH08	D27O89BH09	D27O89BH10	D27O89BH11	D27O89BH12	D27O89BH13	D27O89BH14	D27O89BH15	D27O89BH16
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	5/2/1989	5/2/1989
		BH27O0008904-08-01	BH27O0008904-09-01	BH27O0008904-10-01	BH27O0008904-11-01	BH27O0008904-12-01	BH27O0008904-13-01	BH27O0008904-14-01	BH27O0008905-15-01	BH27O0008905-16-01
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH08	D27O89BH09	D27O89BH10	D27O89BH11	D27O89BH12	D27O89BH13	D27O89BH14	D27O89BH15	D27O89BH16
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	5/2/1989	5/2/1989
		BH27O0008904-08-01	BH27O0008904-09-01	BH27O0008904-10-01	BH27O0008904-11-01	BH27O0008904-12-01	BH27O0008904-13-01	BH27O0008904-14-01	BH27O0008905-15-01	BH27O0008905-16-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH19	D27O89BH20	D27O89BH21	D27O89BH22	D27O90BH29	D27O90BH30	D27O90BH31
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-17-01	BH27O0008905-18-01	BH27O0008905-19-01	BH27O0008905-20-01	BH27O0008905-21-01	BH27O0008905-22-01	BH27O0009011-29-01	BH27O0009011-30-01	BH27O0009011-31-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH19	D27O89BH20	D27O89BH21	D27O89BH22	D27O90BH29	D27O90BH30	D27O90BH31
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-17-01	BH27O0008905-18-01	BH27O0008905-19-01	BH27O0008905-20-01	BH27O0008905-21-01	BH27O0008905-22-01	BH27O0009011-29-01	BH27O0009011-30-01	BH27O0009011-31-01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH19	D27O89BH20	D27O89BH21	D27O89BH22	D27O90BH29	D27O90BH30	D27O90BH31
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-17-01	BH27O0008905-18-01	BH27O0008905-19-01	BH27O0008905-20-01	BH27O0008905-21-01	BH27O0008905-22-01	BH27O0009011-29-01	BH27O0009011-30-01	BH27O0009011-31-01
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH19	D27O89BH20	D27O89BH21	D27O89BH22	D27O90BH29	D27O90BH30	D27O90BH31
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-17-01	BH27O0008905-18-01	BH27O0008905-19-01	BH27O0008905-20-01	BH27O0008905-21-01	BH27O0008905-22-01	BH27O0009011-29-01	BH27O0009011-30-01	BH27O0009011-31-01
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5							1460	4590 *	10100
Antimony	7440-36-0							< 3.2	< 3.8	< 3.7
Arsenic	7440-38-2							< 4.3	< 5	7.6
Barium	7440-39-3							39.4	98.2	188
Beryllium	7440-41-7							0.13 B	0.37 B	0.79
Cadmium	7440-43-9							< 0.53	< 0.63	< 0.62
Calcium	7440-70-2							254000 B	222000	7280
Chromium, Total	7440-47-3							6.3	11.1 N*	13.4
Cobalt	7440-48-4							< 2.1	4.8 B	7.5
Copper	7440-50-8							4.4	12.2	13.5
Cyanide	57-12-5									
Iron	7439-89-6							4490	8230 *	15500
Lead	7439-92-1							3.3	***18*** *	***12.1***
Magnesium	7439-95-4							3480	2610	2070
Manganese	7439-96-5							230	305	482
Mercury	7439-97-6									
Nickel	7440-02-0							7.6	11	18
Potassium	7440-09-7							265 B	628	1470
Selenium	7782-49-2							< 6.4	< 7.5	< 7.4
Silver	7440-22-4							< 2.7	< 3.1	< 0.62
Sodium	7440-23-5							133 B	159 B	230 B
Thallium (Soluble Salts)	7440-28-0							< 4.3	7	< 5
Vanadium	NA							5 B	***11.3*** *	***19.3***
Zinc	7440-66-6							17.6 E*	31.8 N	***47.9*** ***E****
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9								***66***	
Aroclor 1248	12672-29-6							***15***		
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1	< 0.04
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1	< 0.04
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH19	D27O89BH20	D27O89BH21	D27O89BH22	D27O90BH29	D27O90BH30	D27O90BH31
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-17-01	BH27O0008905-18-01	BH27O0008905-19-01	BH27O0008905-20-01	BH27O0008905-21-01	BH27O0008905-22-01	BH27O0009011-29-01	BH27O0009011-30-01	BH27O0009011-31-01
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH19	D27O89BH20	D27O89BH21	D27O89BH22	D27O90BH29	D27O90BH30	D27O90BH31
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-17-01	BH27O0008905-18-01	BH27O0008905-19-01	BH27O0008905-20-01	BH27O0008905-21-01	BH27O0008905-22-01	BH27O0009011-29-01	BH27O0009011-30-01	BH27O0009011-31-01
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH19	D27O89BH20	D27O89BH21	D27O89BH22	D27O90BH29	D27O90BH30	D27O90BH31
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-17-01	BH27O0008905-18-01	BH27O0008905-19-01	BH27O0008905-20-01	BH27O0008905-21-01	BH27O0008905-22-01	BH27O0009011-29-01	BH27O0009011-30-01	BH27O0009011-31-01
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH19	D27O89BH20	D27O89BH21	D27O89BH22	D27O90BH29	D27O90BH30	D27O90BH31
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-17-01	BH27O0008905-18-01	BH27O0008905-19-01	BH27O0008905-20-01	BH27O0008905-21-01	BH27O0008905-22-01	BH27O0009011-29-01	BH27O0009011-30-01	BH27O0009011-31-01
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH19	D27O89BH20	D27O89BH21	D27O89BH22	D27O90BH29	D27O90BH30	D27O90BH31
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-17-01	BH27O0008905-18-01	BH27O0008905-19-01	BH27O0008905-20-01	BH27O0008905-21-01	BH27O0008905-22-01	BH27O0009011-29-01	BH27O0009011-30-01	BH27O0009011-31-01
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)								< 10	< 10	< 10
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH19	D27O89BH20	D27O89BH21	D27O89BH22	D27O90BH29	D27O90BH30	D27O90BH31
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-17-01	BH27O0008905-18-01	BH27O0008905-19-01	BH27O0008905-20-01	BH27O0008905-21-01	BH27O0008905-22-01	BH27O0009011-29-01	BH27O0009011-30-01	BH27O0009011-31-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D7189BH01	D7189BH02	D7189BH03	D7189BH04	D7189BH07	D7189BH08	D7189BH09	D7189BH11	D7189BH12
		8/25/1989	8/27/1989	8/27/1989	8/27/1989	8/29/1989	8/29/1989	8/29/1989	8/31/1989	8/31/1989
		BHD710008908-01-01	BHD710008908-02-01	BHD710008908-03-01	BHD710008908-04-01	BHD710008908-07-01	BHD710008908-08-01	BHD710008908-09-01	BHD710008908-11-01	BHD710008908-12-01
VOCs										
Acetone	67-64-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzene	71-43-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromoform	75-25-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromomethane	74-83-9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Carbon Tetrachloride	56-23-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chlorobenzene	108-90-7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloroethane	75-00-3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloroform	67-66-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	74-87-3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethane, 1,2-	107-06-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,1-	75-35-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,2- (Total)	540-59-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	100-41-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D7189BH01	D7189BH02	D7189BH03	D7189BH04	D7189BH07	D7189BH08	D7189BH09	D7189BH11	D7189BH12
		8/25/1989	8/27/1989	8/27/1989	8/27/1989	8/29/1989	8/29/1989	8/29/1989	8/31/1989	8/31/1989
		BHD710008908-01-01	BHD710008908-02-01	BHD710008908-03-01	BHD710008908-04-01	BHD710008908-07-01	BHD710008908-08-01	BHD710008908-09-01	BHD710008908-11-01	BHD710008908-12-01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	127-18-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	108-88-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,2-	79-00-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethene	79-01-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Chloride	75-01-4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D7189BH01	D7189BH02	D7189BH03	D7189BH04	D7189BH07	D7189BH08	D7189BH09	D7189BH11	D7189BH12
		8/25/1989	8/27/1989	8/27/1989	8/27/1989	8/29/1989	8/29/1989	8/29/1989	8/31/1989	8/31/1989
		BHD710008908-01-01	BHD710008908-02-01	BHD710008908-03-01	BHD710008908-04-01	BHD710008908-07-01	BHD710008908-08-01	BHD710008908-09-01	BHD710008908-11-01	BHD710008908-12-01
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D7189BH01	D7189BH02	D7189BH03	D7189BH04	D7189BH07	D7189BH08	D7189BH09	D7189BH11	D7189BH12
		8/25/1989	8/27/1989	8/27/1989	8/27/1989	8/29/1989	8/29/1989	8/29/1989	8/31/1989	8/31/1989
		BHD710008908-01-01	BHD710008908-02-01	BHD710008908-03-01	BHD710008908-04-01	BHD710008908-07-01	BHD710008908-08-01	BHD710008908-09-01	BHD710008908-11-01	BHD710008908-12-01
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	1.07	2.92	1.67	2.02	1.14	3.36	2.67	3.04	3.22
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9	***1.71***	***1.64***	***1.23***	***1.55***	***1.09***	***1.71***	***1.38***	***2.03***	***1.23***
Calcium	7440-70-2									
Chromium, Total	7440-47-3	9.6	12.9	9	11.3	10.1	12.5	9.2	11.6	11.1
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1	***14***	***12***	9.7	10.2	***11.8***	10.2	8	***14.6***	10.2
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.1	< 0.1	***0.21***	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	7440-02-0	14.5	17.3	11.8	18.1	14	18.3	14.9	19.4	15
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6	34.6	35.6	25.4	27.5	33.2	34.8	32.2	11.3	22.5
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D7189BH01	D7189BH02	D7189BH03	D7189BH04	D7189BH07	D7189BH08	D7189BH09	D7189BH11	D7189BH12
		8/25/1989	8/27/1989	8/27/1989	8/27/1989	8/29/1989	8/29/1989	8/29/1989	8/31/1989	8/31/1989
		BHD710008908-01-01	BHD710008908-02-01	BHD710008908-03-01	BHD710008908-04-01	BHD710008908-07-01	BHD710008908-08-01	BHD710008908-09-01	BHD710008908-11-01	BHD710008908-12-01
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D7189BH01	D7189BH02	D7189BH03	D7189BH04	D7189BH07	D7189BH08	D7189BH09	D7189BH11	D7189BH12
		8/25/1989	8/27/1989	8/27/1989	8/27/1989	8/29/1989	8/29/1989	8/29/1989	8/31/1989	8/31/1989
		BHD710008908-01-01	BHD710008908-02-01	BHD710008908-03-01	BHD710008908-04-01	BHD710008908-07-01	BHD710008908-08-01	BHD710008908-09-01	BHD710008908-11-01	BHD710008908-12-01
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D7189BH01	D7189BH02	D7189BH03	D7189BH04	D7189BH07	D7189BH08	D7189BH09	D7189BH11	D7189BH12
		8/25/1989	8/27/1989	8/27/1989	8/27/1989	8/29/1989	8/29/1989	8/29/1989	8/31/1989	8/31/1989
		BHD710008908-01-01	BHD710008908-02-01	BHD710008908-03-01	BHD710008908-04-01	BHD710008908-07-01	BHD710008908-08-01	BHD710008908-09-01	BHD710008908-11-01	BHD710008908-12-01
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D7189BH01	D7189BH02	D7189BH03	D7189BH04	D7189BH07	D7189BH08	D7189BH09	D7189BH11	D7189BH12
		8/25/1989	8/27/1989	8/27/1989	8/27/1989	8/29/1989	8/29/1989	8/29/1989	8/31/1989	8/31/1989
		BHD710008908-01-01	BHD710008908-02-01	BHD710008908-03-01	BHD710008908-04-01	BHD710008908-07-01	BHD710008908-08-01	BHD710008908-09-01	BHD710008908-11-01	BHD710008908-12-01
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D7189BH01	D7189BH02	D7189BH03	D7189BH04	D7189BH07	D7189BH08	D7189BH09	D7189BH11	D7189BH12
		8/25/1989	8/27/1989	8/27/1989	8/27/1989	8/29/1989	8/29/1989	8/29/1989	8/31/1989	8/31/1989
		BHD710008908-01-01	BHD710008908-02-01	BHD710008908-03-01	BHD710008908-04-01	BHD710008908-07-01	BHD710008908-08-01	BHD710008908-09-01	BHD710008908-11-01	BHD710008908-12-01
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	D7189BH01	D7189BH02	D7189BH03	D7189BH04	D7189BH07	D7189BH08	D7189BH09	D7189BH11	D7189BH12
		8/25/1989	8/27/1989	8/27/1989	8/27/1989	8/29/1989	8/29/1989	8/29/1989	8/31/1989	8/31/1989
		BHD710008908-01-01	BHD710008908-02-01	BHD710008908-03-01	BHD710008908-04-01	BHD710008908-07-01	BHD710008908-08-01	BHD710008908-09-01	BHD710008908-11-01	BHD710008908-12-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT4	GS10-DPT7	IC189SS01	IC289SS02	KC91-164	KC91-165	MPS94BH01
		12/8/2010	12/8/2010	12/10/2010	12/10/2010	8/29/1989	8/29/1989	8/8/1991	8/9/1991	1/10/1994
		GS10-DPT1S-101208-01	GSDPT1S-1012-99	GS10-DPT4S-101210-01	GS10-DPT7S-101210-01	SSRIVSED890829-04-01	SSRIVSED890829-05-01	KC91-164S-910808-03	KC91-165S-910809-03	BHMPS0009401-01-01
VOCs										
Acetone	67-64-1	< 0.0094		< 0.0081	< 0.0087			< 0.01	< 0.01	
Benzene	71-43-2	< 0.0008		< 0.00069	< 0.00074			< 0.01	< 0.01	
Bis(2-chloroethyl)ether	111-44-4	< 0.049		< 0.045	< 0.047					
Bromobenzene	108-86-1	< 0.00063		< 0.00055	< 0.00058					
Bromochloromethane	74-97-5	< 0.00067		< 0.00057	< 0.00062					
Bromodichloromethane	75-27-4	< 0.00084		< 0.00073	< 0.00078			< 0.01	< 0.01	
Bromoform	75-25-2	< 0.0011		< 0.00091	< 0.00097			< 0.01	< 0.01	
Bromomethane	74-83-9	< 0.0014		< 0.0012	< 0.0013			< 0.01	< 0.01	
Butylbenzene, n-	104-51-8	< 0.00079		< 0.00068	< 0.00073					
Butylbenzene, sec-	135-98-8	< 0.00088		< 0.00076	< 0.00081					
Butylbenzene, tert-	98-06-6	< 0.0012		< 0.001	< 0.0011					
Carbon Disulfide	75-15-0	< 0.00064		< 0.00055	< 0.00059			< 0.01	< 0.01	
Carbon Tetrachloride	56-23-5	< 0.00073		< 0.00063	< 0.00068			< 0.01	< 0.01	
Chlorobenzene	108-90-7	< 0.00064		< 0.00055	< 0.00059			< 0.01	< 0.01	
Chloroethane	75-00-3	< 0.001		< 0.0009	< 0.00096			< 0.01	< 0.01	
Chloroform	67-66-3	< 0.00069		< 0.0006	< 0.00064			< 0.01	< 0.01	
Chloromethane	74-87-3	< 0.0013		< 0.0011	< 0.0012			< 0.01	< 0.01	
Chloronaphthalene, Beta-	91-58-7	< 0.045		< 0.041	< 0.043					
Chlorophenol, 2-	95-57-8	< 0.058		< 0.053	< 0.056					
Chlorotoluene, o-	95-49-8	< 0.00096		< 0.00083	< 0.00089					
Chlorotoluene, p-	106-43-4	< 0.0012		< 0.0011	< 0.0011					
cis-1,3-Dichloropropene	10061-01-5	< 0.00061		< 0.00053	< 0.00056			< 0.01	< 0.01	
Cresol, p-chloro-m-	59-50-7	< 0.046		< 0.042	< 0.044					
Dibromo-3-chloropropane, 1,2-	96-12-8	< 0.003		< 0.0026	< 0.0028					
Dibromochloromethane	124-48-1	< 0.00062		< 0.00054	< 0.00058			< 0.01	< 0.01	
Dibromoethane, 1,2-	106-93-4	< 0.0011		< 0.00097	< 0.001					
Dibromomethane (Methylene Bromide)	74-95-3	< 0.0011		< 0.00092	< 0.00098					
Dichlorobenzene, 1,2-	95-50-1	< 0.00082		< 0.00071	< 0.00076			< 0.005	< 0.005	
Dichlorobenzene, 1,3-	541-73-1	< 0.00082		< 0.0007	< 0.00075			< 0.005	< 0.005	
Dichlorobenzene, 1,4-	106-46-7	< 0.0008		< 0.00069	< 0.00074			< 0.005	< 0.005	
Dichlorodifluoromethane	75-71-8	< 0.0014		< 0.0012	< 0.0013					
Dichloroethane, 1,1-	75-34-3	< 0.001		< 0.00089	< 0.00095			< 0.01	< 0.01	
Dichloroethane, 1,2-	107-06-2	< 0.00076		< 0.00066	< 0.0007			< 0.01	< 0.01	
Dichloroethene, 1,1-	75-35-4	< 0.00088		< 0.00076	< 0.00081			< 0.01	< 0.01	
Dichloroethene, 1,2- (Total)	540-59-0							< 0.01	< 0.01	
Dichloroethylene, 1,2-cis-	156-59-2	< 0.0011		< 0.00099	< 0.0011					
Dichloroethylene, 1,2-trans-	156-60-5	< 0.00089		< 0.00077	< 0.00083					
Dichloropropane, 1,2-	78-87-5	< 0.00091		< 0.00079	< 0.00084			< 0.01	< 0.01	
Dichloropropane, 1,3-	142-28-9	< 0.0008		< 0.00069	< 0.00074					
Dichloropropane, 2,2-	594-20-7	< 0.00066		< 0.00057	< 0.00061					
Dichloropropene, 1,1-	563-58-6	< 0.00075		< 0.00065	< 0.00069					
Dichloropropene, trans-1,3-	10061-02-6	< 0.00071		< 0.00062	< 0.00066			< 0.01	< 0.01	
Ethylbenzene	100-41-4	< 0.001		< 0.00089	< 0.00095			< 0.01	< 0.01	

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT4	GS10-DPT7	IC189SS01	IC289SS02	KC91-164	KC91-165	MPS94BH01
		12/8/2010	12/8/2010	12/10/2010	12/10/2010	8/29/1989	8/29/1989	8/8/1991	8/9/1991	1/10/1994
		GS10-DPT1S-101208-01	GSDPT1S-1012-99	GS10-DPT4S-101210-01	GS10-DPT7S-101210-01	SSRIVSED890829-04-01	SSRIVSED890829-05-01	KC91-164S-910808-03	KC91-165S-910809-03	BHMPS0009401-01-01
Hexachlorobutadiene	87-68-3	< 0.0013		< 0.0011	< 0.0012					
Hexanone, 2-	591-78-6	< 0.0075		< 0.0065	< 0.0069			< 0.01	< 0.01	
Isopropylbenzene (Cumene)	98-82-8	< 0.0008		< 0.00069	< 0.00074					
Isopropyltoluene, p-	99-87-6	< 0.001		< 0.00089	< 0.00095					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.0066		< 0.0057	< 0.0061			< 0.01	< 0.01	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.0063		< 0.0055	< 0.0058			< 0.01	< 0.01	
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	0.0124		< 0.0023	< 0.0025			< 0.01	< 0.01	
Naphthalene	91-20-3	< 0.00099		< 0.00085	0.0033 J					
Nitrobenzene	98-95-3	< 0.034		< 0.031	< 0.032					
Propylbenzene, n-	103-65-1	< 0.00084		< 0.00072	< 0.00077					
Styrene	100-42-5	< 0.00088		< 0.00076	< 0.00081			< 0.01	< 0.01	
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.00048		< 0.00042	< 0.00044					
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.0015		< 0.0013	< 0.0014			< 0.01	< 0.01	
Tetrachloroethene	127-18-4	< 0.00088		< 0.00076	< 0.00081			< 0.01	< 0.01	
Toluene	108-88-3	< 0.0011		< 0.00093	< 0.001			< 0.01	< 0.01	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1							< 0.005	< 0.005	
Trichlorobenzene, 1,2,3-	87-61-6	< 0.0012		< 0.001	< 0.0011					
Trichlorobenzene, 1,2,4-	120-82-1	< 0.0012		< 0.001	< 0.0011					
Trichloroethane, 1,1,1-	71-55-6	< 0.00079		< 0.00068	< 0.00073			< 0.01	< 0.01	
Trichloroethane, 1,1,2-	79-00-5	< 0.0022		< 0.0019	< 0.0021			< 0.01	< 0.01	
Trichloroethene	79-01-6	< 0.0019		< 0.0017	< 0.0018			< 0.01	< 0.01	
Trichlorofluoromethane	75-69-4	< 0.00079		< 0.00069	< 0.00073			< 0.01	< 0.01	
Trichloropropane, 1,2,3-	96-18-4	< 0.002		< 0.0017	< 0.0018					
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.00097		< 0.00083	< 0.00089					
Trimethylbenzene, 1,3,5-	108-67-8	< 0.0011		< 0.00097	< 0.001					
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.0012		< 0.001	< 0.0011			< 0.01	< 0.01	
Xylene, o-	95-47-6	< 0.00073		< 0.00063	< 0.00067					
Xylenes	1330-20-7	0.0031 J		< 0.0021	< 0.0022			< 0.01	< 0.01	
Xylenes, m & p		0.0031 J		< 0.0014	< 0.0015					
SVOCs										
Acenaphthene	83-32-9	< 0.0014		< 0.0013	0.0058 J					
Aniline	62-53-3	< 0.22		< 0.21	< 0.22					
Anthracene	120-12-7	0.0116		< 0.0014	0.0064 J					
Benzidine	92-87-5	< 0.38		< 0.35	< 0.36					
Benzo[a]anthracene	56-55-3	0.155		0.0105	0.0651					
Benzo[a]pyrene	50-32-8	0.151		0.0118	0.0601					
Benzo[b]fluoranthene	205-99-2	0.247		0.0183	0.104					
Benzo[k]fluoranthene	207-08-9	0.0775		0.0082	0.0434					
Benzoic Acid	65-85-0	< 0.078		< 0.071	< 0.075					
Benzyl Alcohol	100-51-6	< 0.057		< 0.052	< 0.055					
Bis(2-chloroethoxy)methane	111-91-1	< 0.044		< 0.04	< 0.042					

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT4	GS10-DPT7	IC189SS01	IC289SS02	KC91-164	KC91-165	MPS94BH01
		12/8/2010	12/8/2010	12/10/2010	12/10/2010	8/29/1989	8/29/1989	8/8/1991	8/9/1991	1/10/1994
		GS10-DPT1S-101208-01	GSDPT1S-1012-99	GS10-DPT4S-101210-01	GS10-DPT7S-101210-01	SSRIVSED890829-04-01	SSRIVSED890829-05-01	KC91-164S-910808-03	KC91-165S-910809-03	BHMPS0009401-01-01
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.068		< 0.062	< 0.065					
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.088		< 0.081	< 0.085					
Bromophenyl phenyl ether, 4-	101-55-3	< 0.056		< 0.052	< 0.054					
Butyl Benzyl Phthlate	85-68-7	< 0.056		< 0.052	< 0.054					
Carbazole	86-74-8	< 0.038		< 0.035	< 0.037					
Chloroaniline, p-	106-47-8	< 0.15		< 0.14	< 0.14					
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.058		< 0.054	< 0.056					
Chrysene	218-01-9	0.17		0.0136	0.0745					
Cresol, 3&4-		< 0.12		< 0.11	< 0.11					
Cresol, o-	95-48-7	< 0.039		< 0.036	< 0.038					
Dibenz[a,h]anthracene	53-70-3	< 0.008		< 0.0073	0.0151					
Dibenzofuran	132-64-9	< 0.054		< 0.05	< 0.052					
Dibutyl Phthalate	84-74-2	< 0.056		< 0.051	< 0.054					
Dichlorobenzidine, 3,3'-	91-94-1	< 0.09		< 0.082	< 0.087					
Dichlorophenol, 2,4-	120-83-2	< 0.05		< 0.046	< 0.048					
Diethyl Phthalate	84-66-2	< 0.051		< 0.047	< 0.049					
Dimethyl phthalate	131-11-3	< 0.06		< 0.055	< 0.057					
Dimethylphenol, 2,4-	105-67-9	< 0.037		< 0.034	< 0.036					
Dinitro-o-cresol, 4,6-	534-52-1	< 0.083		< 0.076	< 0.08					
Dinitrophenol, 2,4-	51-28-5	< 0.52		< 0.48	< 0.5					
Dinitrotoluene, 2,4-	121-14-2	< 0.045		< 0.041	< 0.043					
Dinitrotoluene, 2,6-	606-20-2	< 0.056		< 0.051	< 0.053					
Di-n-octylphthalate		< 0.049		< 0.045	< 0.047					
Diphenylhydrazine, 1,2-	122-66-7	< 0.054		< 0.05	< 0.052					
Fluoranthene	206-44-0	0.405		0.0264	0.162					
Fluorene	86-73-7	< 0.0029		< 0.0027	< 0.0028					
Hexachlorobenzene	118-74-1	< 0.06		< 0.055	< 0.058					
Hexachlorocyclopentadiene	77-47-4	< 0.34		< 0.32	< 0.33					
Hexachloroethane	67-72-1	< 0.054		< 0.049	< 0.052					
Isophorone	78-59-1	< 0.045		< 0.041	< 0.043					
Methylnaphthalene, 1-	90-12-0				< 0.047					
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4	< 0.078		< 0.071	< 0.075					
Nitroaniline, 3-	99-09-2	< 0.083		< 0.076	< 0.08					
Nitroaniline, 4-	100-01-6	< 0.11		< 0.1	< 0.11					
Nitrophenol, 2-	88-75-5	< 0.048		< 0.044	< 0.046					
Nitrophenol, 4-	100-02-7	< 0.51		< 0.47	< 0.49					
Nitrosodimethylamine, N-	62-75-9	< 0.045		< 0.041	< 0.043					
Nitroso-di-N-propylamine, N-	621-64-7	< 0.051		< 0.047	< 0.049					
Nitrosodiphenylamine, N-	86-30-6	< 0.052		< 0.048	< 0.05					
Pentachlorophenol	87-86-5	< 0.084		< 0.077	< 0.081					
Phenanthrene	85-01-8									
Phenol	108-95-2	< 0.037		< 0.034	< 0.035					
Pyrene	129-00-0	0.269		0.0198	0.106					

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT4	GS10-DPT7	IC189SS01	IC289SS02	KC91-164	KC91-165	MPS94BH01
		12/8/2010	12/8/2010	12/10/2010	12/10/2010	8/29/1989	8/29/1989	8/8/1991	8/9/1991	1/10/1994
		GS10-DPT1S-101208-01	GSDPT1S-1012-99	GS10-DPT4S-101210-01	GS10-DPT7S-101210-01	SSRIVSED890829-04-01	SSRIVSED890829-05-01	KC91-164S-910808-03	KC91-165S-910809-03	BHMPS0009401-01-01
Pyridine	110-86-1	< 0.036		< 0.033	< 0.034					
Trichlorophenol, 2,4,5-	95-95-4	< 0.053		< 0.049	< 0.051					
Trichlorophenol, 2,4,6-	88-06-2	< 0.065		< 0.059	< 0.062					
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	7.8		7.6	4.6					
Barium	7440-39-3	133		147	189					
Beryllium	7440-41-7									
Cadmium	7440-43-9	< 0.018		0.1 J	0.018 J					
Calcium	7440-70-2									
Chromium, Total	7440-47-3	18.5		15.9	14.5					
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5							< 1	< 1	
Iron	7439-89-6									
Lead	7439-92-1	***21.9***		***15.7***	***19.4***					
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	0.02		0.034	0.022					
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	< 0.19		< 0.17	< 0.19					
Silver	7440-22-4	< 0.076		< 0.068	< 0.076					
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2					< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2					< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5					< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9					< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6					< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1					< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5					< 1	< 1	< 1	< 1	***1***
PCB-001			< 1.9E-06							
PCB-002			< 1.9E-06							
PCB-003			< 1.9E-06							
PCB-004			< 1.9E-06							
PCB-005			< 1.9E-06							
PCB-006			< 1.9E-06							
PCB-007			< 1.9E-06							
PCB-008			2.4E-06 B							

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT4	GS10-DPT7	IC189SS01	IC289SS02	KC91-164	KC91-165	MPS94BH01
		12/8/2010	12/8/2010	12/10/2010	12/10/2010	8/29/1989	8/29/1989	8/8/1991	8/9/1991	1/10/1994
		GS10-DPT1S-101208-01	GSDPT1S-1012-99	GS10-DPT4S-101210-01	GS10-DPT7S-101210-01	SSRIVSED890829-04-01	SSRIVSED890829-05-01	KC91-164S-910808-03	KC91-165S-910809-03	BHMPS0009401-01-01
PCB-009			< 1.9E-06							
PCB-010			< 1.9E-06							
PCB-011			< 9.4E-05							
PCB-012			< 3.8E-06							
PCB-013			< 3.8E-06							
PCB-014			< 1.9E-06							
PCB-015			< 9.4E-06							
PCB-016			< 1.9E-06							
PCB-017			< 1.9E-06							
PCB-018			< 3.8E-06							
PCB-019			< 1.9E-06							
PCB-020			< 1.9E-05							
PCB-021			< 1.9E-05							
PCB-022			< 9.4E-06							
PCB-023			< 1.9E-06							
PCB-024			< 1.9E-06							
PCB-025			< 1.9E-06							
PCB-026			< 3.8E-06							
PCB-027			< 1.9E-06							
PCB-028			< 3.8E-06							
PCB-029			< 3.8E-06							
PCB-030			< 3.8E-06							
PCB-031			< 9.4E-06							
PCB-032			< 1.9E-06							
PCB-033			< 3.8E-06							
PCB-034			< 1.9E-06							
PCB-035			< 1.9E-06							
PCB-036			< 1.9E-06							
PCB-037			< 9.4E-06							
PCB-038			< 1.9E-06							
PCB-039			< 1.9E-06							
PCB-040			< 1.9E-06							
PCB-041			< 9.4E-05							
PCB-042			< 1.9E-06							
PCB-043			< 1.9E-06							
PCB-044			< 5.6E-06							
PCB-045			< 3.8E-06							
PCB-046			< 1.9E-06							
PCB-047			< 5.6E-06							
PCB-048			< 1.9E-06							
PCB-049			< 3.8E-06							
PCB-050			< 3.8E-06							
PCB-051			< 3.8E-06							
PCB-052			4.6E-06							

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT4	GS10-DPT7	IC189SS01	IC289SS02	KC91-164	KC91-165	MPS94BH01
		12/8/2010	12/8/2010	12/10/2010	12/10/2010	8/29/1989	8/29/1989	8/8/1991	8/9/1991	1/10/1994
		GS10-DPT1S-101208-01	GSDPT1S-1012-99	GS10-DPT4S-101210-01	GS10-DPT7S-101210-01	SSRIVSED890829-04-01	SSRIVSED890829-05-01	KC91-164S-910808-03	KC91-165S-910809-03	BHMPS0009401-01-01
PCB-053			< 3.8E-06							
PCB-054			< 1.9E-06							
PCB-055			< 1.9E-06							
PCB-056			< 1.9E-06							
PCB-057			< 1.9E-06							
PCB-058			< 1.9E-06							
PCB-059			< 5.6E-06							
PCB-060			< 1.9E-06							
PCB-061			< 7.5E-06							
PCB-062			< 5.6E-06							
PCB-063			< 1.9E-06							
PCB-064			< 1.9E-06							
PCB-065			< 5.6E-06							
PCB-066			< 9.4E-06							
PCB-067			< 1.9E-06							
PCB-068			< 1.9E-06							
PCB-069			< 3.8E-06							
PCB-070			< 7.5E-06							
PCB-071			< 1.9E-06							
PCB-072			< 1.9E-06							
PCB-073			< 1.9E-06							
PCB-074			< 7.5E-06							
PCB-075			< 5.6E-06							
PCB-076			< 7.5E-06							
PCB-077	32598-13-3		< 1.9E-06							
PCB-078			< 1.9E-06							
PCB-079			< 1.9E-06							
PCB-080			< 1.9E-06							
PCB-081	70362-50-4		< 1.9E-06							
PCB-082			< 1.9E-06							
PCB-083			< 1.9E-06							
PCB-084			< 1.9E-06							
PCB-085			< 5.6E-06							
PCB-086			< 1.1E-05							
PCB-087			< 1.1E-05							
PCB-088			< 3.8E-06							
PCB-089			< 1.9E-06							
PCB-090			2.2E-05 C							
PCB-091			< 3.8E-06							
PCB-092			3E-06							
PCB-093			< 3.8E-06							
PCB-094			< 1.9E-06							
PCB-095			1.1E-05 B							
PCB-096			< 1.9E-06							

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT4	GS10-DPT7	IC189SS01	IC289SS02	KC91-164	KC91-165	MPS94BH01
		12/8/2010	12/8/2010	12/10/2010	12/10/2010	8/29/1989	8/29/1989	8/8/1991	8/9/1991	1/10/1994
		GS10-DPT1S-101208-01	GSDPT1S-1012-99	GS10-DPT4S-101210-01	GS10-DPT7S-101210-01	SSRIVSED890829-04-01	SSRIVSED890829-05-01	KC91-164S-910808-03	KC91-165S-910809-03	BHMPS0009401-01-01
PCB-097			< 1.1E-05							
PCB-098			< 3.8E-06							
PCB-099			6E-06							
PCB-100			< 3.8E-06							
PCB-101			2.2E-05 C90							
PCB-102			< 3.8E-06							
PCB-103			< 1.9E-06							
PCB-104			< 1.9E-06							
PCB-105	32598-14-4		8.4E-06							
PCB-106			< 1.9E-06							
PCB-107			< 1.9E-06							
PCB-108			< 3.8E-06							
PCB-109			< 1.1E-05							
PCB-110			1.9E-05 C							
PCB-111			< 1.9E-06							
PCB-112			< 1.9E-06							
PCB-113			2.2E-05 C90							
PCB-114	74472-37-0		< 1.9E-06							
PCB-115			1.9E-05 C11							
PCB-116			< 5.6E-06							
PCB-117			< 5.6E-06							
PCB-118	31508-00-6		2.2E-05							
PCB-119			< 1.1E-05							
PCB-120			< 1.9E-06							
PCB-121			< 1.9E-06							
PCB-122			< 1.9E-06							
PCB-123	65510-44-3		< 1.9E-06							
PCB-124			< 3.8E-06							
PCB-125			< 1.1E-05							
PCB-126	57465-28-8		< 1.9E-06							
PCB-127			< 1.9E-06							
PCB-128			1.1E-05 C							
PCB-129			0.00016 C							
PCB-130			4.6E-06							
PCB-131			< 1.9E-06							
PCB-132			1.9E-05							
PCB-133			< 1.9E-06							
PCB-134			2.3E-06							
PCB-135			3.4E-05 C							
PCB-136			6.6E-06							
PCB-137			2.1E-06							
PCB-138			0.00016 C12							
PCB-139			< 3.8E-06							
PCB-140			< 3.8E-06							

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Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT4	GS10-DPT7	IC189SS01	IC289SS02	KC91-164	KC91-165	MPS94BH01
		12/8/2010	12/8/2010	12/10/2010	12/10/2010	8/29/1989	8/29/1989	8/8/1991	8/9/1991	1/10/1994
		GS10-DPT1S-101208-01	GSDPT1S-1012-99	GS10-DPT4S-101210-01	GS10-DPT7S-101210-01	SSRIVSED890829-04-01	SSRIVSED890829-05-01	KC91-164S-910808-03	KC91-165S-910809-03	BHMPS0009401-01-01
PCB-141			2.1E-05							
PCB-142			< 1.9E-06							
PCB-143			< 1.9E-06							
PCB-144			3.3E-06							
PCB-145			< 1.9E-06							
PCB-146			2.1E-05							
PCB-147			7.3E-05 C							
PCB-148			< 1.9E-06							
PCB-149			7.3E-05 C14							
PCB-150			< 1.9E-06							
PCB-151			3.4E-05 C13							
PCB-152			< 1.9E-06							
PCB-153			0.00013 C							
PCB-154			< 1.9E-06							
PCB-155			< 1.9E-06							
PCB-156			9.8E-06 C							
PCB-157	69782-90-7		9.8E-06 C15							
PCB-158			1.1E-05							
PCB-159			< 1.9E-06							
PCB-160			< 1.9E-06							
PCB-161			< 1.9E-06							
PCB-162			< 1.9E-06							
PCB-163			0.00016 C12							
PCB-164			8E-06							
PCB-165			< 1.9E-06							
PCB-166			1.1E-05 C12							
PCB-167	52663-72-6		4.5E-06							
PCB-168			0.00013 C15							
PCB-169	32774-16-6		< 1.9E-06							
PCB-170			7E-05							
PCB-171			1.7E-05 C							
PCB-172			1.2E-05							
PCB-173			1.7E-05 C17							
PCB-174			5.3E-05							
PCB-175			2.1E-06							
PCB-176			5E-06							
PCB-177			4E-05							
PCB-178			1.5E-05							
PCB-179			2.2E-05							
PCB-180			0.00015 C							
PCB-181			< 1.9E-06							
PCB-182			< 1.9E-06							
PCB-183			3.3E-05 C							
PCB-184			< 1.9E-06							

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT4	GS10-DPT7	IC189SS01	IC289SS02	KC91-164	KC91-165	MPS94BH01
		12/8/2010	12/8/2010	12/10/2010	12/10/2010	8/29/1989	8/29/1989	8/8/1991	8/9/1991	1/10/1994
		GS10-DPT1S-101208-01	GSDPT1S-1012-99	GS10-DPT4S-101210-01	GS10-DPT7S-101210-01	SSRIVSED890829-04-01	SSRIVSED890829-05-01	KC91-164S-910808-03	KC91-165S-910809-03	BHMPS0009401-01-01
PCB-185			3.3E-05 C18							
PCB-186			< 1.9E-06							
PCB-187			8.9E-05							
PCB-188			< 1.9E-06							
PCB-189	39635-31-9		2.2E-06							
PCB-190			1.5E-05							
PCB-191			2.2E-06							
PCB-192			< 1.9E-06							
PCB-193			0.00015 C18							
PCB-194			3.4E-05							
PCB-195			1.4E-05							
PCB-196			1.5E-05							
PCB-197			4.4E-06 C							
PCB-198			3.8E-05 C							
PCB-199			3.8E-05 C19							
PCB-200			4.4E-06 C19							
PCB-201			3.4E-06							
PCB-202			7.2E-06							
PCB-203			2.2E-05							
PCB-204			< 1.9E-06							
PCB-205			1.9E-06							
PCB-206			1.4E-05							
PCB-207			< 1.9E-06							
PCB-208			4.2E-06							
PCB-209			6.8E-06							
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics		< 0.2		< 0.2	< 0.2					
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)								< 20	< 20	
TPH (Light)								< 5	< 5	
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT4	GS10-DPT7	IC189SS01	IC289SS02	KC91-164	KC91-165	MPS94BH01
		12/8/2010	12/8/2010	12/10/2010	12/10/2010	8/29/1989	8/29/1989	8/8/1991	8/9/1991	1/10/1994
		GS10-DPT1S-101208-01	GSDPT1S-1012-99	GS10-DPT4S-101210-01	GS10-DPT7S-101210-01	SSRIVSED890829-04-01	SSRIVSED890829-05-01	KC91-164S-910808-03	KC91-165S-910809-03	BHMPS0009401-01-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH02	MPS94BH03	MPS94BH04	MPS94BH05	MPS94BH06	MPS94BH07	MPS94BH08	MPS94BH09	MPS94BH10
		1/10/1994	1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-02-01	BHMPS0009401-03-01	BHMPS0009401-04-01	BHMPS0009401-05-01	BHMPS0009401-06-01	BHMPS0009401-07-01	BHMPS0009401-08-01	BHMPS0009401-09-01	BHMPS0009401-10-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH02	MPS94BH03	MPS94BH04	MPS94BH05	MPS94BH06	MPS94BH07	MPS94BH08	MPS94BH09	MPS94BH10
		1/10/1994	1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-02-01	BHMPS0009401-03-01	BHMPS0009401-04-01	BHMPS0009401-05-01	BHMPS0009401-06-01	BHMPS0009401-07-01	BHMPS0009401-08-01	BHMPS0009401-09-01	BHMPS0009401-10-01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH02	MPS94BH03	MPS94BH04	MPS94BH05	MPS94BH06	MPS94BH07	MPS94BH08	MPS94BH09	MPS94BH10
		1/10/1994	1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-02-01	BHMPS0009401-03-01	BHMPS0009401-04-01	BHMPS0009401-05-01	BHMPS0009401-06-01	BHMPS0009401-07-01	BHMPS0009401-08-01	BHMPS0009401-09-01	BHMPS0009401-10-01
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH02	MPS94BH03	MPS94BH04	MPS94BH05	MPS94BH06	MPS94BH07	MPS94BH08	MPS94BH09	MPS94BH10
		1/10/1994	1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-02-01	BHMPS0009401-03-01	BHMPS0009401-04-01	BHMPS0009401-05-01	BHMPS0009401-06-01	BHMPS0009401-07-01	BHMPS0009401-08-01	BHMPS0009401-09-01	BHMPS0009401-10-01
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	***3***	***4.3***	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH02	MPS94BH03	MPS94BH04	MPS94BH05	MPS94BH06	MPS94BH07	MPS94BH08	MPS94BH09	MPS94BH10
		1/10/1994	1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-02-01	BHMPS0009401-03-01	BHMPS0009401-04-01	BHMPS0009401-05-01	BHMPS0009401-06-01	BHMPS0009401-07-01	BHMPS0009401-08-01	BHMPS0009401-09-01	BHMPS0009401-10-01
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH02	MPS94BH03	MPS94BH04	MPS94BH05	MPS94BH06	MPS94BH07	MPS94BH08	MPS94BH09	MPS94BH10
		1/10/1994	1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-02-01	BHMPS0009401-03-01	BHMPS0009401-04-01	BHMPS0009401-05-01	BHMPS0009401-06-01	BHMPS0009401-07-01	BHMPS0009401-08-01	BHMPS0009401-09-01	BHMPS0009401-10-01
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH02	MPS94BH03	MPS94BH04	MPS94BH05	MPS94BH06	MPS94BH07	MPS94BH08	MPS94BH09	MPS94BH10
		1/10/1994	1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-02-01	BHMPS0009401-03-01	BHMPS0009401-04-01	BHMPS0009401-05-01	BHMPS0009401-06-01	BHMPS0009401-07-01	BHMPS0009401-08-01	BHMPS0009401-09-01	BHMPS0009401-10-01
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH02	MPS94BH03	MPS94BH04	MPS94BH05	MPS94BH06	MPS94BH07	MPS94BH08	MPS94BH09	MPS94BH10
		1/10/1994	1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-02-01	BHMPS0009401-03-01	BHMPS0009401-04-01	BHMPS0009401-05-01	BHMPS0009401-06-01	BHMPS0009401-07-01	BHMPS0009401-08-01	BHMPS0009401-09-01	BHMPS0009401-10-01
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH02	MPS94BH03	MPS94BH04	MPS94BH05	MPS94BH06	MPS94BH07	MPS94BH08	MPS94BH09	MPS94BH10
		1/10/1994	1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-02-01	BHMPS0009401-03-01	BHMPS0009401-04-01	BHMPS0009401-05-01	BHMPS0009401-06-01	BHMPS0009401-07-01	BHMPS0009401-08-01	BHMPS0009401-09-01	BHMPS0009401-10-01
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH02	MPS94BH03	MPS94BH04	MPS94BH05	MPS94BH06	MPS94BH07	MPS94BH08	MPS94BH09	MPS94BH10
		1/10/1994	1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-02-01	BHMPS0009401-03-01	BHMPS0009401-04-01	BHMPS0009401-05-01	BHMPS0009401-06-01	BHMPS0009401-07-01	BHMPS0009401-08-01	BHMPS0009401-09-01	BHMPS0009401-10-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH11	MPS94BH12	MPS94BH13	MPS94BH14	MPS94BH15	NEA91BH36	NEAOF1910725SS01	NEAOF1910725SS01	NEAOF1910725SS02
		1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	10/2/1991	7/25/1991	7/25/1991	7/25/1991
		BHMPS0009401-11-01	BHMPS0009401-12-01	BHMPS0009401-13-01	BHMPS0009401-14-01	BHMPS0009401-15-01	BHNEA0009110-36-01	SSNEA001910725-01-01	SSNEA001910725-01-02	SSNEA001910725-02-01
VOCs										
Acetone	67-64-1						< 10	< 0.01	< 0.01	< 0.01
Benzene	71-43-2						< 10	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4						< 10	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2						< 10	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9						< 10	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0						< 10	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5						< 10	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7						< 10	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3						< 10	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3						< 10	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3						< 10	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5						< 10	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1						< 10	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1						< 5	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1						< 5	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7						< 5	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3						< 10	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2						< 10	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4						< 10	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0						< 10	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5						< 10	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6						< 10	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4						< 10	< 0.01	< 0.01	< 0.01

Table A-1
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Bannister Federal Complex

Chemical	CAS	MPS94BH11	MPS94BH12	MPS94BH13	MPS94BH14	MPS94BH15	NEA91BH36	NEAOF1910725SS01	NEAOF1910725SS01	NEAOF1910725SS02
		1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	10/2/1991	7/25/1991	7/25/1991	7/25/1991
		BHMPS0009401-11-01	BHMPS0009401-12-01	BHMPS0009401-13-01	BHMPS0009401-14-01	BHMPS0009401-15-01	BHNEA0009110-36-01	SSNEA001910725-01-01	SSNEA001910725-01-02	SSNEA001910725-02-01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6						< 10	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3						< 10	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1						< 10	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2						< 10	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5						< 10	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5						< 10	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4						< 10	< 0.01	< 0.01	< 0.01
Toluene	108-88-3						< 10	0.19	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6						< 10	0.015	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5						< 10	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6						< 10	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4						< 10	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-							< 5	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4						< 10	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7						< 10	0.011	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
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Bannister Federal Complex

Chemical	CAS	MPS94BH11	MPS94BH12	MPS94BH13	MPS94BH14	MPS94BH15	NEA91BH36	NEAOF1910725SS01	NEAOF1910725SS01	NEAOF1910725SS02
		1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	10/2/1991	7/25/1991	7/25/1991	7/25/1991
		BHMPS0009401-11-01	BHMPS0009401-12-01	BHMPS0009401-13-01	BHMPS0009401-14-01	BHMPS0009401-15-01	BHNEA0009110-36-01	SSNEA001910725-01-01	SSNEA001910725-01-02	SSNEA001910725-02-01
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

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Chemical	CAS	MPS94BH11	MPS94BH12	MPS94BH13	MPS94BH14	MPS94BH15	NEA91BH36	NEAOF1910725SS01	NEAOF1910725SS01	NEAOF1910725SS02
		1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	10/2/1991	7/25/1991	7/25/1991	7/25/1991
		BHMPS0009401-11-01	BHMPS0009401-12-01	BHMPS0009401-13-01	BHMPS0009401-14-01	BHMPS0009401-15-01	BHNEA0009110-36-01	SSNEA001910725-01-01	SSNEA001910725-01-02	SSNEA001910725-02-01
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5						16200	22600	20700	28300
Antimony	7440-36-0						< 0.5	< 3	< 3	< 3
Arsenic	7440-38-2						4.32	11.6	13	12.7
Barium	7440-39-3						150	168	144	171
Beryllium	7440-41-7						0.551	0.7	0.685	0.835
Cadmium	7440-43-9						***0.517***	***5.75***	***7.08***	***7.65***
Calcium	7440-70-2						4540	3170	3960	5580
Chromium, Total	7440-47-3						***28.5***	25.1	25.2	***37.2***
Cobalt	7440-48-4						2.85	5.26	6.04	6.04
Copper	7440-50-8						24.9	12.5	15.7	20.6
Cyanide	57-12-5									
Iron	7439-89-6						13600	16300	17300	18500
Lead	7439-92-1						***22***	***25***	***34***	***37.5***
Magnesium	7439-95-4						1950	2350	2400	2910
Manganese	7439-96-5						266	385	362	555
Mercury	7439-97-6						< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0						16.1	15	16.1	19.1
Potassium	7440-09-7						2760	3690	3200	2920
Selenium	7782-49-2						< 0.25	< 0.25	< 0.25	0.34
Silver	7440-22-4						< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5						371	160	157	184
Thallium (Soluble Salts)	7440-28-0						< 5	< 0.5	< 0.5	< 0.5
Vanadium	NA						***34.1***	***39.4***	***38***	***47.3***
Zinc	7440-66-6						***61.5***	***46.1***	***61.8***	***57.3***
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	***2.2***	***17***
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	***11***	< 10
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH11	MPS94BH12	MPS94BH13	MPS94BH14	MPS94BH15	NEA91BH36	NEAOF1910725SS01	NEAOF1910725SS01	NEAOF1910725SS02
		1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	10/2/1991	7/25/1991	7/25/1991	7/25/1991
		BHMPS0009401-11-01	BHMPS0009401-12-01	BHMPS0009401-13-01	BHMPS0009401-14-01	BHMPS0009401-15-01	BHNEA0009110-36-01	SSNEA001910725-01-01	SSNEA001910725-01-02	SSNEA001910725-02-01
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

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Bannister Federal Complex

Chemical	CAS	MPS94BH11	MPS94BH12	MPS94BH13	MPS94BH14	MPS94BH15	NEA91BH36	NEAOF1910725SS01	NEAOF1910725SS01	NEAOF1910725SS02
		1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	10/2/1991	7/25/1991	7/25/1991	7/25/1991
		BHMPS0009401-11-01	BHMPS0009401-12-01	BHMPS0009401-13-01	BHMPS0009401-14-01	BHMPS0009401-15-01	BHNEA0009110-36-01	SSNEA001910725-01-01	SSNEA001910725-01-02	SSNEA001910725-02-01
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

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Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH11	MPS94BH12	MPS94BH13	MPS94BH14	MPS94BH15	NEA91BH36	NEAOF1910725SS01	NEAOF1910725SS01	NEAOF1910725SS02
		1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	10/2/1991	7/25/1991	7/25/1991	7/25/1991
		BHMPS0009401-11-01	BHMPS0009401-12-01	BHMPS0009401-13-01	BHMPS0009401-14-01	BHMPS0009401-15-01	BHNEA0009110-36-01	SSNEA001910725-01-01	SSNEA001910725-01-02	SSNEA001910725-02-01
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH11	MPS94BH12	MPS94BH13	MPS94BH14	MPS94BH15	NEA91BH36	NEAOF1910725SS01	NEAOF1910725SS01	NEAOF1910725SS02
		1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	10/2/1991	7/25/1991	7/25/1991	7/25/1991
		BHMPS0009401-11-01	BHMPS0009401-12-01	BHMPS0009401-13-01	BHMPS0009401-14-01	BHMPS0009401-15-01	BHNEA0009110-36-01	SSNEA001910725-01-01	SSNEA001910725-01-02	SSNEA001910725-02-01
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH11	MPS94BH12	MPS94BH13	MPS94BH14	MPS94BH15	NEA91BH36	NEAOF1910725SS01	NEAOF1910725SS01	NEAOF1910725SS02
		1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	10/2/1991	7/25/1991	7/25/1991	7/25/1991
		BHMPS0009401-11-01	BHMPS0009401-12-01	BHMPS0009401-13-01	BHMPS0009401-14-01	BHMPS0009401-15-01	BHNEA0009110-36-01	SSNEA001910725-01-01	SSNEA001910725-01-02	SSNEA001910725-02-01
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)							300			
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	MPS94BH11	MPS94BH12	MPS94BH13	MPS94BH14	MPS94BH15	NEA91BH36	NEAOF1910725SS01	NEAOF1910725SS01	NEAOF1910725SS02
		1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	10/2/1991	7/25/1991	7/25/1991	7/25/1991
		BHMPS0009401-11-01	BHMPS0009401-12-01	BHMPS0009401-13-01	BHMPS0009401-14-01	BHMPS0009401-15-01	BHNEA0009110-36-01	SSNEA001910725-01-01	SSNEA001910725-01-02	SSNEA001910725-02-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725S S02	NEAOF1910725S S03	NEAOF1910725S S03	NEAOF1910725S S04	NEAOF1910725S S04	NEAOF1910725S S05	NEAOF1910725S S05	NEAOF1910725S S06	NEAOF1910725S S06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-02-02	SSNEA001910725-03-01	SSNEA001910725-03-02	SSNEA001910725-04-01	SSNEA001910725-04-02	SSNEA001910725-05-01	SSNEA001910725-05-02	SSNEA001910725-06-01	SSNEA001910725-06-02
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-1
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Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS02	NEAOF1910725SS03	NEAOF1910725SS03	NEAOF1910725SS04	NEAOF1910725SS04	NEAOF1910725SS05	NEAOF1910725SS05	NEAOF1910725SS06	NEAOF1910725SS06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-02-02	SSNEA001910725-03-01	SSNEA001910725-03-02	SSNEA001910725-04-01	SSNEA001910725-04-02	SSNEA001910725-05-01	SSNEA001910725-05-02	SSNEA001910725-06-01	SSNEA001910725-06-02
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	0.21	< 0.01	< 0.01	< 0.01	0.17	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	0.026	< 0.01	< 0.01	< 0.01	0.017	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	0.012	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
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Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS02	NEAOF1910725SS03	NEAOF1910725SS03	NEAOF1910725SS04	NEAOF1910725SS04	NEAOF1910725SS05	NEAOF1910725SS05	NEAOF1910725SS06	NEAOF1910725SS06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-02-02	SSNEA001910725-03-01	SSNEA001910725-03-02	SSNEA001910725-04-01	SSNEA001910725-04-02	SSNEA001910725-05-01	SSNEA001910725-05-02	SSNEA001910725-06-01	SSNEA001910725-06-02
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725S S02	NEAOF1910725S S03	NEAOF1910725S S03	NEAOF1910725S S04	NEAOF1910725S S04	NEAOF1910725S S05	NEAOF1910725S S05	NEAOF1910725S S06	NEAOF1910725S S06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-02-02	SSNEA001910725-03-01	SSNEA001910725-03-02	SSNEA001910725-04-01	SSNEA001910725-04-02	SSNEA001910725-05-01	SSNEA001910725-05-02	SSNEA001910725-06-01	SSNEA001910725-06-02
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	29300	22200	29900	26700	25800	24400	19800	23500	20600
Antimony	7440-36-0	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Arsenic	7440-38-2	14	12.4	10.3	14.6	14.5	11.9	12.9	9.9	10.8
Barium	7440-39-3	209	173	213	173	185	151	149	164	148
Beryllium	7440-41-7	0.8	0.695	0.895	0.76	0.8	0.72	0.375	0.48	0.49
Cadmium	7440-43-9	***7.9***	***6.28***	***8.27***	***7.53***	***7.03***	***6.13***	***5.15***	***5.78***	***5.7***
Calcium	7440-70-2	5960	3530	3960	6680	2820	5440	2860	2300	2320
Chromium, Total	7440-47-3	***43.3***	***30.2***	***30***	***37.1***	***26.4***	***26.2***	21.5	25.2	21.7
Cobalt	7440-48-4	5.41	4.99	6.81	4.59	5.13	5.53	6.52	4.77	4.32
Copper	7440-50-8	24.1	17.2	17.1	20	17.3	13.2	12.6	13.8	12.9
Cyanide	57-12-5									
Iron	7439-89-6	16900	14900	20700	1800	18700	1600	13600	15100	15000
Lead	7439-92-1	***34***	***34.5***	***27.5***	***26***	***33.5***	***25***	***20***	***22.5***	***22***
Magnesium	7439-95-4	2850	2410	3320	2880	2900	2590	2160	2430	2360
Manganese	7439-96-5	339	228	843	1220	540	721	306	275	299
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	19.3	16.4	19.6	19.1	16.7	16.6	15.4	14.6	13.5
Potassium	7440-09-7	4070	4600	3390	4230	3890	3660	4080	3270	3250
Selenium	7782-49-2	0.34	0.255	0.25	0.385	< 0.25	< 0.25	0.27	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	243	125	350	194	179	173	159	161	111
Thallium (Soluble Salts)	7440-28-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	NA	***48.8***	***40.4***	***51.2***	***45.2***	***46.4***	***45.1***	***36.2***	***41.9***	***39.2***
Zinc	7440-66-6	***56.7***	***49.1***	***60***	***54.4***	***51.9***	45.5	***49***	***47.1***	44.4
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	***2***	***5.9***	***1.6***	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

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Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS02	NEAOF1910725SS03	NEAOF1910725SS03	NEAOF1910725SS04	NEAOF1910725SS04	NEAOF1910725SS05	NEAOF1910725SS05	NEAOF1910725SS06	NEAOF1910725SS06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-02-02	SSNEA001910725-03-01	SSNEA001910725-03-02	SSNEA001910725-04-01	SSNEA001910725-04-02	SSNEA001910725-05-01	SSNEA001910725-05-02	SSNEA001910725-06-01	SSNEA001910725-06-02
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
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PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

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Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS02	NEAOF1910725SS03	NEAOF1910725SS03	NEAOF1910725SS04	NEAOF1910725SS04	NEAOF1910725SS05	NEAOF1910725SS05	NEAOF1910725SS06	NEAOF1910725SS06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-02-02	SSNEA001910725-03-01	SSNEA001910725-03-02	SSNEA001910725-04-01	SSNEA001910725-04-02	SSNEA001910725-05-01	SSNEA001910725-05-02	SSNEA001910725-06-01	SSNEA001910725-06-02
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

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Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS02	NEAOF1910725SS03	NEAOF1910725SS03	NEAOF1910725SS04	NEAOF1910725SS04	NEAOF1910725SS05	NEAOF1910725SS05	NEAOF1910725SS06	NEAOF1910725SS06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-02-02	SSNEA001910725-03-01	SSNEA001910725-03-02	SSNEA001910725-04-01	SSNEA001910725-04-02	SSNEA001910725-05-01	SSNEA001910725-05-02	SSNEA001910725-06-01	SSNEA001910725-06-02
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS02	NEAOF1910725SS03	NEAOF1910725SS03	NEAOF1910725SS04	NEAOF1910725SS04	NEAOF1910725SS05	NEAOF1910725SS05	NEAOF1910725SS06	NEAOF1910725SS06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-02-02	SSNEA001910725-03-01	SSNEA001910725-03-02	SSNEA001910725-04-01	SSNEA001910725-04-02	SSNEA001910725-05-01	SSNEA001910725-05-02	SSNEA001910725-06-01	SSNEA001910725-06-02
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS02	NEAOF1910725SS03	NEAOF1910725SS03	NEAOF1910725SS04	NEAOF1910725SS04	NEAOF1910725SS05	NEAOF1910725SS05	NEAOF1910725SS06	NEAOF1910725SS06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-02-02	SSNEA001910725-03-01	SSNEA001910725-03-02	SSNEA001910725-04-01	SSNEA001910725-04-02	SSNEA001910725-05-01	SSNEA001910725-05-02	SSNEA001910725-06-01	SSNEA001910725-06-02
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS02	NEAOF1910725SS03	NEAOF1910725SS03	NEAOF1910725SS04	NEAOF1910725SS04	NEAOF1910725SS05	NEAOF1910725SS05	NEAOF1910725SS06	NEAOF1910725SS06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-02-02	SSNEA001910725-03-01	SSNEA001910725-03-02	SSNEA001910725-04-01	SSNEA001910725-04-02	SSNEA001910725-05-01	SSNEA001910725-05-02	SSNEA001910725-06-01	SSNEA001910725-06-02

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725S S07	NEAOF1910725S S07	NEAOF1910725S S08	NEAOF1910725S S08	NEAOF1910725S S09	NEAOF1910725S S09	NEAOF1910725S S10	NEAOF1910725S S10	NEAOF1910725S S11
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-07-01	SSNEA001910725-07-02	SSNEA001910725-08-01	SSNEA001910725-08-02	SSNEA001910725-09-01	SSNEA001910725-09-02	SSNEA001910725-10-01	SSNEA001910725-10-02	SSNEA001910725-11-01
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	0.038
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS07	NEAOF1910725SS07	NEAOF1910725SS08	NEAOF1910725SS08	NEAOF1910725SS09	NEAOF1910725SS09	NEAOF1910725SS10	NEAOF1910725SS10	NEAOF1910725SS11
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-07-01	SSNEA001910725-07-02	SSNEA001910725-08-01	SSNEA001910725-08-02	SSNEA001910725-09-01	SSNEA001910725-09-02	SSNEA001910725-10-01	SSNEA001910725-10-02	SSNEA001910725-11-01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS07	NEAOF1910725SS07	NEAOF1910725SS08	NEAOF1910725SS08	NEAOF1910725SS09	NEAOF1910725SS09	NEAOF1910725SS10	NEAOF1910725SS10	NEAOF1910725SS11
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-07-01	SSNEA001910725-07-02	SSNEA001910725-08-01	SSNEA001910725-08-02	SSNEA001910725-09-01	SSNEA001910725-09-02	SSNEA001910725-10-01	SSNEA001910725-10-02	SSNEA001910725-11-01
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725S S07	NEAOF1910725S S07	NEAOF1910725S S08	NEAOF1910725S S08	NEAOF1910725S S09	NEAOF1910725S S09	NEAOF1910725S S10	NEAOF1910725S S10	NEAOF1910725S S11
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-07-01	SSNEA001910725-07-02	SSNEA001910725-08-01	SSNEA001910725-08-02	SSNEA001910725-09-01	SSNEA001910725-09-02	SSNEA001910725-10-01	SSNEA001910725-10-02	SSNEA001910725-11-01
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	21500	21500	27600	23600	20400	26000	20200	20500	22100
Antimony	7440-36-0	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Arsenic	7440-38-2	10.4	11.6	12.7	14.3	7.5	12.2	12.7	29.3	13.8
Barium	7440-39-3	161	150	183	177	144	149	206	165	145
Beryllium	7440-41-7	0.485	0.7	0.795	0.72	0.65	0.745	0.655	0.625	0.67
Cadmium	7440-43-9	***6.29***	***5.9***	***7.49***	***6.45***	***5.3***	***6.36***	***6.91***	***7.43***	***5.97***
Calcium	7440-70-2	3190	3130	3370	3590	1910	2560	2630	2750	2650
Chromium, Total	7440-47-3	23.5	23.7	***27.3***	24.5	20.8	***26.4***	20.2	22.6	22.7
Cobalt	7440-48-4	7.99	4.4	6.06	7.36	7.91	5.28	5.6	2.35	5.94
Copper	7440-50-8	13.7	14.6	14.7	17.1	16.3	14.2	14.4	13.4	13.2
Cyanide	57-12-5									
Iron	7439-89-6	15800	14900	19800	15700	14500	16500	16900	18200	1600
Lead	7439-92-1	***25***	***255***	***24***	***24.5***	***22.5***	***24.5***	***22***	***21***	***24***
Magnesium	7439-95-4	2490	2450	2950	2530	2510	2820	2720	2530	2710
Manganese	7439-96-5	340	337	1010	437	371	317	688	528	719
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	15.3	15	15.5	15.4	12.4	12	16.9	13.1	13.8
Potassium	7440-09-7	3110	3320	4510	3770	2800	4440	2680	2780	3270
Selenium	7782-49-2	0.425	0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	201	159	251	190	1600	1020	692	425	152
Thallium (Soluble Salts)	7440-28-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	NA	***40.5***	***41.2***	***49.7***	***43.6***	***33.7***	***43.2***	***33.1***	***36.2***	***39.6***
Zinc	7440-66-6	***47.4***	***47.4***	***48.3***	45.6	***49.6***	***47.1***	***49.4***	***49.1***	45.6
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS07	NEAOF1910725SS07	NEAOF1910725SS08	NEAOF1910725SS08	NEAOF1910725SS09	NEAOF1910725SS09	NEAOF1910725SS10	NEAOF1910725SS10	NEAOF1910725SS11
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-07-01	SSNEA001910725-07-02	SSNEA001910725-08-01	SSNEA001910725-08-02	SSNEA001910725-09-01	SSNEA001910725-09-02	SSNEA001910725-10-01	SSNEA001910725-10-02	SSNEA001910725-11-01
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS07	NEAOF1910725SS07	NEAOF1910725SS08	NEAOF1910725SS08	NEAOF1910725SS09	NEAOF1910725SS09	NEAOF1910725SS10	NEAOF1910725SS10	NEAOF1910725SS11
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-07-01	SSNEA001910725-07-02	SSNEA001910725-08-01	SSNEA001910725-08-02	SSNEA001910725-09-01	SSNEA001910725-09-02	SSNEA001910725-10-01	SSNEA001910725-10-02	SSNEA001910725-11-01
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS07	NEAOF1910725SS07	NEAOF1910725SS08	NEAOF1910725SS08	NEAOF1910725SS09	NEAOF1910725SS09	NEAOF1910725SS10	NEAOF1910725SS10	NEAOF1910725SS11
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-07-01	SSNEA001910725-07-02	SSNEA001910725-08-01	SSNEA001910725-08-02	SSNEA001910725-09-01	SSNEA001910725-09-02	SSNEA001910725-10-01	SSNEA001910725-10-02	SSNEA001910725-11-01
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS07	NEAOF1910725SS07	NEAOF1910725SS08	NEAOF1910725SS08	NEAOF1910725SS09	NEAOF1910725SS09	NEAOF1910725SS10	NEAOF1910725SS10	NEAOF1910725SS11
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-07-01	SSNEA001910725-07-02	SSNEA001910725-08-01	SSNEA001910725-08-02	SSNEA001910725-09-01	SSNEA001910725-09-02	SSNEA001910725-10-01	SSNEA001910725-10-02	SSNEA001910725-11-01
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS07	NEAOF1910725SS07	NEAOF1910725SS08	NEAOF1910725SS08	NEAOF1910725SS09	NEAOF1910725SS09	NEAOF1910725SS10	NEAOF1910725SS10	NEAOF1910725SS11
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-07-01	SSNEA001910725-07-02	SSNEA001910725-08-01	SSNEA001910725-08-02	SSNEA001910725-09-01	SSNEA001910725-09-02	SSNEA001910725-10-01	SSNEA001910725-10-02	SSNEA001910725-11-01
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS07	NEAOF1910725SS07	NEAOF1910725SS08	NEAOF1910725SS08	NEAOF1910725SS09	NEAOF1910725SS09	NEAOF1910725SS10	NEAOF1910725SS10	NEAOF1910725SS11
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		SSNEA001910725-07-01	SSNEA001910725-07-02	SSNEA001910725-08-01	SSNEA001910725-08-02	SSNEA001910725-09-01	SSNEA001910725-09-02	SSNEA001910725-10-01	SSNEA001910725-10-02	SSNEA001910725-11-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS11	NEAOF1910725SS12	NEAOF1910725SS12	NEAOF191BH01	NEAOF191BH02	NEAOF191BH03	NEAOF192BH06	NEAOF192BH07	NEAOF192BH08
		7/25/1991	7/25/1991	7/25/1991	8/23/1991	8/23/1991	8/23/1991	9/11/1992	9/11/1992	9/11/1992
		SSNEA001910725-11-02	SSNEA001910725-12-01	SSNEA001910725-12-02	BHNEA0019108-01-01	BHNEA0019108-02-01	BHNEA0019108-03-01	BHOF1000R9209-06-01	BHOF1000R9209-07-01	BHOF1000R9209-08-01
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	0.061	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS11	NEAOF1910725SS12	NEAOF1910725SS12	NEAOF191BH01	NEAOF191BH02	NEAOF191BH03	NEAOF192BH06	NEAOF192BH07	NEAOF192BH08
		7/25/1991	7/25/1991	7/25/1991	8/23/1991	8/23/1991	8/23/1991	9/11/1992	9/11/1992	9/11/1992
		SSNEA001910725-11-02	SSNEA001910725-12-01	SSNEA001910725-12-02	BHNEA0019108-01-01	BHNEA0019108-02-01	BHNEA0019108-03-01	BHOF1000R9209-06-01	BHOF1000R9209-07-01	BHOF1000R9209-08-01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS11	NEAOF1910725SS12	NEAOF1910725SS12	NEAOF191BH01	NEAOF191BH02	NEAOF191BH03	NEAOF192BH06	NEAOF192BH07	NEAOF192BH08
		7/25/1991	7/25/1991	7/25/1991	8/23/1991	8/23/1991	8/23/1991	9/11/1992	9/11/1992	9/11/1992
		SSNEA001910725-11-02	SSNEA001910725-12-01	SSNEA001910725-12-02	BHNEA0019108-01-01	BHNEA0019108-02-01	BHNEA0019108-03-01	BHOF1000R9209-06-01	BHOF1000R9209-07-01	BHOF1000R9209-08-01
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS11	NEAOF1910725SS12	NEAOF1910725SS12	NEAOF191BH01	NEAOF191BH02	NEAOF191BH03	NEAOF192BH06	NEAOF192BH07	NEAOF192BH08
		7/25/1991	7/25/1991	7/25/1991	8/23/1991	8/23/1991	8/23/1991	9/11/1992	9/11/1992	9/11/1992
		SSNEA001910725-11-02	SSNEA001910725-12-01	SSNEA001910725-12-02	BHNEA0019108-01-01	BHNEA0019108-02-01	BHNEA0019108-03-01	BHOF1000R9209-06-01	BHOF1000R9209-07-01	BHOF1000R9209-08-01
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	23400	22100	1990	35300	25200	27500	17200	19800	26100
Antimony	7440-36-0	< 3	< 3	< 3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	9.85	32.7	1.2	3.34	5.04	2.43	6.43	5.74	7.81
Barium	7440-39-3	156	269	15.9	208	161	176	154	140	183
Beryllium	7440-41-7	0.765	0.74	0.06	0.925	0.73	0.77	0.6	0.6	0.85
Cadmium	7440-43-9	***7.39***	***9.08***	***0.495***	***0.735***	0.3	***0.45***	***0.6***	***0.55***	***0.65***
Calcium	7440-70-2	2800	24400	599	10700	9400	10400	9300	9050	8150
Chromium, Total	7440-47-3	23.9	23.8	2.88	***37.4***	***29***	***29.5***	21.6	25.4	***30.9***
Cobalt	7440-48-4	6.28	14.4	< 2.5	5.3	5.5	6.23	4.5	3.9	6
Copper	7440-50-8	16.9	13.9	1.53	21.5	19.3	19.2	13.2	14.1	18.4
Cyanide	57-12-5									
Iron	7439-89-6	18600	21800	2220	19800	17600	17000	14600	12600	18000
Lead	7439-92-1	***24***	***53.5***	***21.5***	***68***	***52.5***	***39***	***22.5***	***18.6***	***17.7***
Magnesium	7439-95-4	3070	3630	354	3580	3070	2970	2480	2720	3490
Manganese	7439-96-5	294	871	27.5	625	566	532	660	258	470
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	17.2	23.5	< 2.5	21.5	19.3	19.5	14.1	14.5	19.6
Potassium	7440-09-7	3330	3830	313	5400	3800	4500	2730	3690	4850
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	108	185	< 5	288	164	239	112	193	122
Thallium (Soluble Salts)	7440-28-0	< 0.5	< 0.5	< 0.5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	***43.4***	***56***	4.87	***56.8***	***44.1***	***45.7***	***31.8***	***34***	***44.4***
Zinc	7440-66-6	***52.6***	***52.3***	6.83	***121***	***102***	***100***	***90***	***97***	***110***
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	***3***	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS11	NEAOF1910725SS12	NEAOF1910725SS12	NEAOF191BH01	NEAOF191BH02	NEAOF191BH03	NEAOF192BH06	NEAOF192BH07	NEAOF192BH08
		7/25/1991	7/25/1991	7/25/1991	8/23/1991	8/23/1991	8/23/1991	9/11/1992	9/11/1992	9/11/1992
		SSNEA001910725-11-02	SSNEA001910725-12-01	SSNEA001910725-12-02	BHNEA0019108-01-01	BHNEA0019108-02-01	BHNEA0019108-03-01	BHOF1000R9209-06-01	BHOF1000R9209-07-01	BHOF1000R9209-08-01
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS11	NEAOF1910725SS12	NEAOF1910725SS12	NEAOF191BH01	NEAOF191BH02	NEAOF191BH03	NEAOF192BH06	NEAOF192BH07	NEAOF192BH08
		7/25/1991	7/25/1991	7/25/1991	8/23/1991	8/23/1991	8/23/1991	9/11/1992	9/11/1992	9/11/1992
		SSNEA001910725-11-02	SSNEA001910725-12-01	SSNEA001910725-12-02	BHNEA0019108-01-01	BHNEA0019108-02-01	BHNEA0019108-03-01	BHOF1000R9209-06-01	BHOF1000R9209-07-01	BHOF1000R9209-08-01
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS11	NEAOF1910725SS12	NEAOF1910725SS12	NEAOF191BH01	NEAOF191BH02	NEAOF191BH03	NEAOF192BH06	NEAOF192BH07	NEAOF192BH08
		7/25/1991	7/25/1991	7/25/1991	8/23/1991	8/23/1991	8/23/1991	9/11/1992	9/11/1992	9/11/1992
		SSNEA001910725-11-02	SSNEA001910725-12-01	SSNEA001910725-12-02	BHNEA0019108-01-01	BHNEA0019108-02-01	BHNEA0019108-03-01	BHOF1000R9209-06-01	BHOF1000R9209-07-01	BHOF1000R9209-08-01
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS11	NEAOF1910725SS12	NEAOF1910725SS12	NEAOF191BH01	NEAOF191BH02	NEAOF191BH03	NEAOF192BH06	NEAOF192BH07	NEAOF192BH08
		7/25/1991	7/25/1991	7/25/1991	8/23/1991	8/23/1991	8/23/1991	9/11/1992	9/11/1992	9/11/1992
		SSNEA001910725-11-02	SSNEA001910725-12-01	SSNEA001910725-12-02	BHNEA0019108-01-01	BHNEA0019108-02-01	BHNEA0019108-03-01	BHOF1000R9209-06-01	BHOF1000R9209-07-01	BHOF1000R9209-08-01
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS11	NEAOF1910725SS12	NEAOF1910725SS12	NEAOF191BH01	NEAOF191BH02	NEAOF191BH03	NEAOF192BH06	NEAOF192BH07	NEAOF192BH08
		7/25/1991	7/25/1991	7/25/1991	8/23/1991	8/23/1991	8/23/1991	9/11/1992	9/11/1992	9/11/1992
		SSNEA001910725-11-02	SSNEA001910725-12-01	SSNEA001910725-12-02	BHNEA0019108-01-01	BHNEA0019108-02-01	BHNEA0019108-03-01	BHOF1000R9209-06-01	BHOF1000R9209-07-01	BHOF1000R9209-08-01
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics								< 5	< 5	< 5
Fuel Oil								< 5	< 5	< 5
Gasoline Range Organics								< 5	< 5	< 5
Jet Fuel								< 5	< 5	< 5
Kerosene	8008-20-6							< 5	< 5	< 5
Mineral Spirits	64475-85-0							< 5	< 5	< 5
Motor Oil								< 5	< 5	< 5
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)					53	< 20	120	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NEAOF1910725SS11	NEAOF1910725SS12	NEAOF1910725SS12	NEAOF191BH01	NEAOF191BH02	NEAOF191BH03	NEAOF192BH06	NEAOF192BH07	NEAOF192BH08
		7/25/1991	7/25/1991	7/25/1991	8/23/1991	8/23/1991	8/23/1991	9/11/1992	9/11/1992	9/11/1992
		SSNEA001910725-11-02	SSNEA001910725-12-01	SSNEA001910725-12-02	BHNEA0019108-01-01	BHNEA0019108-02-01	BHNEA0019108-03-01	BHOF1000R9209-06-01	BHOF1000R9209-07-01	BHOF1000R9209-08-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NGS940425SS01	NGS940425SS02	NGS940425SS03	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06
		4/25/1994	4/25/1994	4/25/1994	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992
		SSNGS000940425-01-01	SSNGS000940425-02-01	SSNGS000940425-03-01	SSOHL000921104-01-01	SSOHL000921104-02-01	SSOHL000921104-03-01	SSOHL000921104-04-01	SSOHL000921104-05-01	SSOHL000921104-06-01
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NGS940425SS01	NGS940425SS02	NGS940425SS03	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06
		4/25/1994	4/25/1994	4/25/1994	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992
		SSNGS000940425-01-01	SSNGS000940425-02-01	SSNGS000940425-03-01	SSOHL000921104-01-01	SSOHL000921104-02-01	SSOHL000921104-03-01	SSOHL000921104-04-01	SSOHL000921104-05-01	SSOHL000921104-06-01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.021	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NGS940425SS01	NGS940425SS02	NGS940425SS03	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06
		4/25/1994	4/25/1994	4/25/1994	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992
		SSNGS000940425-01-01	SSNGS000940425-02-01	SSNGS000940425-03-01	SSOHL000921104-01-01	SSOHL000921104-02-01	SSOHL000921104-03-01	SSOHL000921104-04-01	SSOHL000921104-05-01	SSOHL000921104-06-01
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NGS940425SS01	NGS940425SS02	NGS940425SS03	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06
		4/25/1994	4/25/1994	4/25/1994	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992
		SSNGS000940425-01-01	SSNGS000940425-02-01	SSNGS000940425-03-01	SSOHL000921104-01-01	SSOHL000921104-02-01	SSOHL000921104-03-01	SSOHL000921104-04-01	SSOHL000921104-05-01	SSOHL000921104-06-01
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5				19600	20300	11500	16000	14600	13900
Antimony	7440-36-0				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	6.5	7.6	< 5	3.05	4.25	4.28	1.8	4.12	2.48
Barium	7440-39-3	134	87.8	84.2	150	180	162	122	140	130
Beryllium	7440-41-7				0.6	0.7	0.7	0.55	0.55	0.55
Cadmium	7440-43-9	< 0.2	< 0.2	< 0.2	***0.8***	0.35	< 0.05	< 0.05	0.25	< 0.05
Calcium	7440-70-2				7450	3760	7450	3380	3280	3360
Chromium, Total	7440-47-3	12.3	7.5	8.2	21.6	21.5	23.4	16	14.8	13.7
Cobalt	7440-48-4				4.15	5.3	4.85	3.8	6.95	4.7
Copper	7440-50-8				13.3	14	13.1	11.5	10.1	12.4
Cyanide	57-12-5									
Iron	7439-89-6				13600	10600	8800	12300	13800	12800
Lead	7439-92-1	***13.7***	***15.3***	***20.4***	***18.5***	***14***	***17***	8	***13.5***	***12.5***
Magnesium	7439-95-4				2400	2340	2790	1820	1700	1620
Manganese	7439-96-5				273	379	419	219	505	344
Mercury	7439-97-6	< 0.1	***0.109***	< 0.1	0.0035	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0				16.1	17	15.5	10.8	13.6	11.8
Potassium	7440-09-7				2840	1420	3670	2380	1710	1480
Selenium	7782-49-2	< 0.5	< 0.5	< 0.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 3	< 3	< 3	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5				150	123	138	108	89	103
Thallium (Soluble Salts)	7440-28-0				< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA				***33.4***	***35.5***	***38.1***	***25.7***	***21***	***17.6***
Zinc	7440-66-6				***65.5***	***49.6***	***51***	38.3	36.8	36.4
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	***1.9***
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	***5***
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NGS940425SS01	NGS940425SS02	NGS940425SS03	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06
		4/25/1994	4/25/1994	4/25/1994	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992
		SSNGS000940425-01-01	SSNGS000940425-02-01	SSNGS000940425-03-01	SSOHL000921104-01-01	SSOHL000921104-02-01	SSOHL000921104-03-01	SSOHL000921104-04-01	SSOHL000921104-05-01	SSOHL000921104-06-01
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NGS940425SS01	NGS940425SS02	NGS940425SS03	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06
		4/25/1994	4/25/1994	4/25/1994	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992
		SSNGS000940425-01-01	SSNGS000940425-02-01	SSNGS000940425-03-01	SSOHL000921104-01-01	SSOHL000921104-02-01	SSOHL000921104-03-01	SSOHL000921104-04-01	SSOHL000921104-05-01	SSOHL000921104-06-01
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NGS940425SS01	NGS940425SS02	NGS940425SS03	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06
		4/25/1994	4/25/1994	4/25/1994	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992
		SSNGS000940425-01-01	SSNGS000940425-02-01	SSNGS000940425-03-01	SSOHL000921104-01-01	SSOHL000921104-02-01	SSOHL000921104-03-01	SSOHL000921104-04-01	SSOHL000921104-05-01	SSOHL000921104-06-01
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NGS940425SS01	NGS940425SS02	NGS940425SS03	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06
		4/25/1994	4/25/1994	4/25/1994	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992
		SSNGS000940425-01-01	SSNGS000940425-02-01	SSNGS000940425-03-01	SSOHL000921104-01-01	SSOHL000921104-02-01	SSOHL000921104-03-01	SSOHL000921104-04-01	SSOHL000921104-05-01	SSOHL000921104-06-01
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NGS940425SS01	NGS940425SS02	NGS940425SS03	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06
		4/25/1994	4/25/1994	4/25/1994	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992
		SSNGS000940425-01-01	SSNGS000940425-02-01	SSNGS000940425-03-01	SSOHL000921104-01-01	SSOHL000921104-02-01	SSOHL000921104-03-01	SSOHL000921104-04-01	SSOHL000921104-05-01	SSOHL000921104-06-01
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics			< 10		< 5	< 5	< 5	< 5	< 5	< 5
Fuel Oil			< 10		< 5	< 5	< 5	< 5	< 5	< 5
Gasoline Range Organics			< 10		< 5	< 5	< 5	< 5	< 5	< 5
Jet Fuel			< 10		< 5	< 5	< 5	< 5	< 5	< 5
Kerosene	8008-20-6		< 10		< 5	< 5	< 5	< 5	< 5	< 5
Mineral Spirits	64475-85-0		< 10		< 5	< 5	< 5	< 5	< 5	< 5
Motor Oil			< 10		< 5	< 5	< 5	< 5	< 5	< 5
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		16 (1)		34 (1)	< 20	55	< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	NGS940425SS01	NGS940425SS02	NGS940425SS03	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06
		4/25/1994	4/25/1994	4/25/1994	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992
		SSNGS000940425-01-01	SSNGS000940425-02-01	SSNGS000940425-03-01	SSOHL000921104-01-01	SSOHL000921104-02-01	SSOHL000921104-03-01	SSOHL000921104-04-01	SSOHL000921104-05-01	SSOHL000921104-06-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OHL921105SS07	SANSEW890419SS01	SANSEW890419SS01	SANSEW890419SS02	SANSEW890419SS02	SANSEW890419SS03	SANSEW890419SS03	SANSEW890419SS04	SANSEW890419SS04
		11/5/1992	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989
		SSOHL000921105-07-01	SSSANSEW890419-01-01	SSSANSEW890419-01-02	SSSANSEW890419-02-01	SSSANSEW890419-02-02	SSSANSEW890419-03-01	SSSANSEW890419-03-02	SSSANSEW890419-04-01	SSSANSEW890419-04-02
VOCs										
Acetone	67-64-1	< 0.01								
Benzene	71-43-2	< 0.01								
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01								
Bromoform	75-25-2	< 0.01								
Bromomethane	74-83-9	< 0.01								
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01								
Carbon Tetrachloride	56-23-5	< 0.01								
Chlorobenzene	108-90-7	0.026								
Chloroethane	75-00-3	< 0.01								
Chloroform	67-66-3	< 0.01								
Chloromethane	74-87-3	< 0.01								
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01								
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01								
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005								
Dichlorobenzene, 1,3-	541-73-1	< 0.005								
Dichlorobenzene, 1,4-	106-46-7	< 0.005								
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01								
Dichloroethane, 1,2-	107-06-2	< 0.01								
Dichloroethene, 1,1-	75-35-4	< 0.01								
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01								
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01								
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01								
Ethylbenzene	100-41-4	< 0.01								

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OHL921105SS07	SANSEW890419SS01	SANSEW890419SS01	SANSEW890419SS02	SANSEW890419SS02	SANSEW890419SS03	SANSEW890419SS03	SANSEW890419SS04	SANSEW890419SS04
		11/5/1992	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989
		SSOHL000921105-07-01	SSSANSEW890419-01-01	SSSANSEW890419-01-02	SSSANSEW890419-02-01	SSSANSEW890419-02-02	SSSANSEW890419-03-01	SSSANSEW890419-03-02	SSSANSEW890419-04-01	SSSANSEW890419-04-02
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01								
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.011								
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01								
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01								
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01								
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01								
Tetrachloroethene	127-18-4	< 0.01								
Toluene	108-88-3	< 0.01								
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01								
Trichloroethane, 1,1,2-	79-00-5	< 0.01								
Trichloroethene	79-01-6	< 0.01								
Trichlorofluoromethane	75-69-4	< 0.01								
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005								
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01								
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01								
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OHL921105SS07	SANSEW890419SS01	SANSEW890419SS01	SANSEW890419SS02	SANSEW890419SS02	SANSEW890419SS03	SANSEW890419SS03	SANSEW890419SS04	SANSEW890419SS04
		11/5/1992	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989
		SSOHL000921105-07-01	SSSANSEW890419-01-01	SSSANSEW890419-01-02	SSSANSEW890419-02-01	SSSANSEW890419-02-02	SSSANSEW890419-03-01	SSSANSEW890419-03-02	SSSANSEW890419-04-01	SSSANSEW890419-04-02
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OHL921105SS07	SANSEW890419SS01	SANSEW890419SS01	SANSEW890419SS02	SANSEW890419SS02	SANSEW890419SS03	SANSEW890419SS03	SANSEW890419SS04	SANSEW890419SS04
		11/5/1992	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989
		SSOHL000921105-07-01	SSSANSEW890419-01-01	SSSANSEW890419-01-02	SSSANSEW890419-02-01	SSSANSEW890419-02-02	SSSANSEW890419-03-01	SSSANSEW890419-03-02	SSSANSEW890419-04-01	SSSANSEW890419-04-02
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	19900								
Antimony	7440-36-0	< 0.5								
Arsenic	7440-38-2	3.25	< 4	< 3	3.5	< 4	3	< 4	< 3	2.9
Barium	7440-39-3	167								
Beryllium	7440-41-7	0.6								
Cadmium	7440-43-9	< 0.05	< 0.5	***0.5***	***0.8***	***0.7***	***0.6***	***0.7***	***0.8***	***1.2***
Calcium	7440-70-2	3340								
Chromium, Total	7440-47-3	20	18	15	11	18	15	14	***28***	21
Cobalt	7440-48-4	3.75								
Copper	7440-50-8	11.8	25	16	11	13	16	12	16	17
Cyanide	57-12-5									
Iron	7439-89-6	14100								
Lead	7439-92-1	***12.5***	***28.9***	***17***	***27.6***	***18***	***39.2***	***40.9***	***32.6***	***24***
Magnesium	7439-95-4	2100								
Manganese	7439-96-5	286								
Mercury	7439-97-6	< 0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	7440-02-0	10.4	25	20	18	23	18	20	20	21
Potassium	7440-09-7	3840								
Selenium	7782-49-2	< 0.25								
Silver	7440-22-4	< 1.5								
Sodium	7440-23-5	194								
Thallium (Soluble Salts)	7440-28-0	< 5								
Vanadium	NA	***32.6***								
Zinc	7440-66-6	39.2	***58.1***	43.4	36.5	***47.6***	***59.9***	***58.3***	***51.5***	***46.3***
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1								
Aroclor 1221	11104-28-2	< 1								
Aroclor 1232	11141-16-5	< 1								
Aroclor 1242	53469-21-9	< 1								
Aroclor 1248	12672-29-6	< 1								
Aroclor 1254	11097-69-1	< 1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	***0.06***	< 0.05
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OHL921105SS07	SANSEW890419SS01	SANSEW890419SS01	SANSEW890419SS02	SANSEW890419SS02	SANSEW890419SS03	SANSEW890419SS03	SANSEW890419SS04	SANSEW890419SS04
		11/5/1992	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989
		SSOHL000921105-07-01	SSSANSEW890419-01-01	SSSANSEW890419-01-02	SSSANSEW890419-02-01	SSSANSEW890419-02-02	SSSANSEW890419-03-01	SSSANSEW890419-03-02	SSSANSEW890419-04-01	SSSANSEW890419-04-02
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OHL921105SS07	SANSEW890419SS01	SANSEW890419SS01	SANSEW890419SS02	SANSEW890419SS02	SANSEW890419SS03	SANSEW890419SS03	SANSEW890419SS04	SANSEW890419SS04
		11/5/1992	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989
		SSOHL000921105-07-01	SSSANSEW890419-01-01	SSSANSEW890419-01-02	SSSANSEW890419-02-01	SSSANSEW890419-02-02	SSSANSEW890419-03-01	SSSANSEW890419-03-02	SSSANSEW890419-04-01	SSSANSEW890419-04-02
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OHL921105SS07	SANSEW890419SS01	SANSEW890419SS01	SANSEW890419SS02	SANSEW890419SS02	SANSEW890419SS03	SANSEW890419SS03	SANSEW890419SS04	SANSEW890419SS04
		11/5/1992	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989
		SSOHL000921105-07-01	SSSANSEW890419-01-01	SSSANSEW890419-01-02	SSSANSEW890419-02-01	SSSANSEW890419-02-02	SSSANSEW890419-03-01	SSSANSEW890419-03-02	SSSANSEW890419-04-01	SSSANSEW890419-04-02
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OHL921105SS07	SANSEW890419SS01	SANSEW890419SS01	SANSEW890419SS02	SANSEW890419SS02	SANSEW890419SS03	SANSEW890419SS03	SANSEW890419SS04	SANSEW890419SS04
		11/5/1992	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989
		SSOHL000921105-07-01	SSSANSEW890419-01-01	SSSANSEW890419-01-02	SSSANSEW890419-02-01	SSSANSEW890419-02-02	SSSANSEW890419-03-01	SSSANSEW890419-03-02	SSSANSEW890419-04-01	SSSANSEW890419-04-02
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OHL921105SS07	SANSEW890419SS01	SANSEW890419SS01	SANSEW890419SS02	SANSEW890419SS02	SANSEW890419SS03	SANSEW890419SS03	SANSEW890419SS04	SANSEW890419SS04
		11/5/1992	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989
		SSOHL000921105-07-01	SSSANSEW890419-01-01	SSSANSEW890419-01-02	SSSANSEW890419-02-01	SSSANSEW890419-02-02	SSSANSEW890419-03-01	SSSANSEW890419-03-02	SSSANSEW890419-04-01	SSSANSEW890419-04-02
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics		< 5								
Fuel Oil		< 5								
Gasoline Range Organics		< 5								
Jet Fuel		< 5								
Kerosene	8008-20-6	< 5								
Mineral Spirits	64475-85-0	< 5								
Motor Oil		< 5								
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	470	300	320	520	490	320	1200	1800
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OHL921105SS07	SANSEW890419SS01	SANSEW890419SS01	SANSEW890419SS02	SANSEW890419SS02	SANSEW890419SS03	SANSEW890419SS03	SANSEW890419SS04	SANSEW890419SS04
		11/5/1992	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989	4/19/1989
		SSOHL000921105-07-01	SSSANSEW890419-01-01	SSSANSEW890419-01-02	SSSANSEW890419-02-01	SSSANSEW890419-02-02	SSSANSEW890419-03-01	SSSANSEW890419-03-02	SSSANSEW890419-04-01	SSSANSEW890419-04-02

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ST2RACEWAY	ST2RACEWAY	SWLOT940507SS01	SWLOT940507SS02	SWLOT940507SS03	TCEABS930317SS01	TCEABS930317SS02	TCEABS930318SS01	TCEABS930318SS02
		10/12/1995	9/18/1998	5/7/1994	5/7/1994	5/7/1994	3/17/1993	3/17/1993	3/18/1993	3/18/1993
		ST2RACEWAY-951012-01	ST2RACEWAY-980901-01	SS000000940507-01-01	SS000000940507-02-01	SS000000940507-03-01	SSTCEABS930317-01-01	SSTCEABS930317-02-01	SSTCEABS930318-01-01	SSTCEABS930318-02-01
VOCs										
Acetone	67-64-1						< 0.01	< 0.01		
Benzene	71-43-2						< 0.01	< 0.01		
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4						< 0.01	< 0.01		
Bromoform	75-25-2						< 0.01	< 0.01		
Bromomethane	74-83-9						< 0.01	< 0.01		
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0						< 0.01	< 0.01		
Carbon Tetrachloride	56-23-5						< 0.01	< 0.01		
Chlorobenzene	108-90-7						< 0.01	< 0.01		
Chloroethane	75-00-3						< 0.01	< 0.01		
Chloroform	67-66-3						< 0.01	< 0.01		
Chloromethane	74-87-3						< 0.01	< 0.01		
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5						< 0.01	< 0.01		
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1						< 0.01	< 0.01		
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1						< 0.005	< 0.005		
Dichlorobenzene, 1,3-	541-73-1						< 0.005	< 0.005		
Dichlorobenzene, 1,4-	106-46-7						< 0.005	< 0.005		
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3						< 0.01	< 0.01		
Dichloroethane, 1,2-	107-06-2						< 0.01	< 0.01		
Dichloroethene, 1,1-	75-35-4						< 0.01	< 0.01		
Dichloroethene, 1,2- (Total)	540-59-0						0.036	< 0.01		
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5						< 0.01	< 0.01		
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6						< 0.01	< 0.01		
Ethylbenzene	100-41-4						< 0.01	< 0.01		

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ST2RACEWAY	ST2RACEWAY	SWLOT940507SS01	SWLOT940507SS02	SWLOT940507SS03	TCEABS930317SS01	TCEABS930317SS02	TCEABS930318SS01	TCEABS930318SS02
		10/12/1995	9/18/1998	5/7/1994	5/7/1994	5/7/1994	3/17/1993	3/17/1993	3/18/1993	3/18/1993
		ST2RACEWAY-951012-01	ST2RACEWAY-980901-01	SS000000940507-01-01	SS000000940507-02-01	SS000000940507-03-01	SSTCEABS930317-01-01	SSTCEABS930317-02-01	SSTCEABS930318-01-01	SSTCEABS930318-02-01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6						< 0.01	< 0.01		
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3						< 0.01	< 0.01		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1						< 0.01	< 0.01		
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2						< 0.01	< 0.01		
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5						< 0.01	< 0.01		
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5						< 0.01	< 0.01		
Tetrachloroethene	127-18-4						< 0.01	< 0.01		
Toluene	108-88-3						< 0.01	< 0.01		
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6						< 0.01	< 0.01		
Trichloroethane, 1,1,2-	79-00-5						< 0.01	< 0.01		
Trichloroethene	79-01-6						0.04	< 0.01		
Trichlorofluoromethane	75-69-4						< 0.01	< 0.01		
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-							< 0.005	< 0.005		
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4						< 0.01	< 0.01		
Xylene, o-	95-47-6									
Xylenes	1330-20-7						< 0.01	< 0.01		
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ST2RACEWAY	ST2RACEWAY	SWLOT940507SS01	SWLOT940507SS02	SWLOT940507SS03	TCEABS930317SS01	TCEABS930317SS02	TCEABS930318SS01	TCEABS930318SS02
		10/12/1995	9/18/1998	5/7/1994	5/7/1994	5/7/1994	3/17/1993	3/17/1993	3/18/1993	3/18/1993
		ST2RACEWAY-951012-01	ST2RACEWAY-980901-01	SS000000940507-01-01	SS000000940507-02-01	SS000000940507-03-01	SSTCEABS930317-01-01	SSTCEABS930317-02-01	SSTCEABS930318-01-01	SSTCEABS930318-02-01
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ST2RACEWAY	ST2RACEWAY	SWLOT940507SS01	SWLOT940507SS02	SWLOT940507SS03	TCEABS930317SS01	TCEABS930317SS02	TCEABS930318SS01	TCEABS930318SS02
		10/12/1995	9/18/1998	5/7/1994	5/7/1994	5/7/1994	3/17/1993	3/17/1993	3/18/1993	3/18/1993
		ST2RACEWAY-951012-01	ST2RACEWAY-980901-01	SS000000940507-01-01	SS000000940507-02-01	SS000000940507-03-01	SSTCEABS930317-01-01	SSTCEABS930317-02-01	SSTCEABS930318-01-01	SSTCEABS930318-02-01
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5								21100	18600
Antimony	7440-36-0								< 0.5	***1.45***
Arsenic	7440-38-2								7.68	5.41
Barium	7440-39-3								106	117
Beryllium	7440-41-7								0.65	0.85
Cadmium	7440-43-9								***0.4***	***0.65***
Calcium	7440-70-2								11000	4550
Chromium, Total	7440-47-3								21.7	23.8
Cobalt	7440-48-4								5.25	15.4
Copper	7440-50-8								14.6	13.7
Cyanide	57-12-5								< 1	< 1
Iron	7439-89-6								13400	27000
Lead	7439-92-1								***27.5***	***12***
Magnesium	7439-95-4								2500	5500
Manganese	7439-96-5								201	259
Mercury	7439-97-6								< 0.5	< 0.5
Nickel	7440-02-0								17.2	31.7
Potassium	7440-09-7								3170	2040
Selenium	7782-49-2								< 0.25	0.28
Silver	7440-22-4								< 1.5	< 1.5
Sodium	7440-23-5								160	156
Thallium (Soluble Salts)	7440-28-0								< 5	< 5
Vanadium	NA								***37.2***	***19.5***
Zinc	7440-66-6								***70.4***	***65.6***
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.98	< 0.33	< 1	< 1	< 1			< 1	< 1
Aroclor 1221	11104-28-2	< 0.98	< 0.33	< 1	< 1	< 1			< 1	< 1
Aroclor 1232	11141-16-5	< 0.98	< 0.33	< 1	< 1	< 1			< 1	< 1
Aroclor 1242	53469-21-9	< 0.98	< 0.33	< 1	< 1	< 1			< 1	< 1
Aroclor 1248	12672-29-6	< 0.98	< 0.33	< 1	< 1	< 1			< 1	< 1
Aroclor 1254	11097-69-1	< 0.98	< 0.33	< 1	< 1	< 1			< 1	< 1
Aroclor 1260	11096-82-5	< 0.98	< 0.33	< 1	< 1	< 1			< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ST2RACEWAY	ST2RACEWAY	SWLOT940507SS01	SWLOT940507SS02	SWLOT940507SS03	TCEABS930317SS01	TCEABS930317SS02	TCEABS930318SS01	TCEABS930318SS02
		10/12/1995	9/18/1998	5/7/1994	5/7/1994	5/7/1994	3/17/1993	3/17/1993	3/18/1993	3/18/1993
		ST2RACEWAY-951012-01	ST2RACEWAY-980901-01	SS000000940507-01-01	SS000000940507-02-01	SS000000940507-03-01	SSTCEABS930317-01-01	SSTCEABS930317-02-01	SSTCEABS930318-01-01	SSTCEABS930318-02-01
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ST2RACEWAY	ST2RACEWAY	SWLOT940507SS01	SWLOT940507SS02	SWLOT940507SS03	TCEABS930317SS01	TCEABS930317SS02	TCEABS930318SS01	TCEABS930318SS02
		10/12/1995	9/18/1998	5/7/1994	5/7/1994	5/7/1994	3/17/1993	3/17/1993	3/18/1993	3/18/1993
		ST2RACEWAY-951012-01	ST2RACEWAY-980901-01	SS000000940507-01-01	SS000000940507-02-01	SS000000940507-03-01	SSTCEABS930317-01-01	SSTCEABS930317-02-01	SSTCEABS930318-01-01	SSTCEABS930318-02-01
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ST2RACEWAY	ST2RACEWAY	SWLOT940507SS01	SWLOT940507SS02	SWLOT940507SS03	TCEABS930317SS01	TCEABS930317SS02	TCEABS930318SS01	TCEABS930318SS02
		10/12/1995	9/18/1998	5/7/1994	5/7/1994	5/7/1994	3/17/1993	3/17/1993	3/18/1993	3/18/1993
		ST2RACEWAY-951012-01	ST2RACEWAY-980901-01	SS000000940507-01-01	SS000000940507-02-01	SS000000940507-03-01	SSTCEABS930317-01-01	SSTCEABS930317-02-01	SSTCEABS930318-01-01	SSTCEABS930318-02-01
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ST2RACEWAY	ST2RACEWAY	SWLOT940507SS01	SWLOT940507SS02	SWLOT940507SS03	TCEABS930317SS01	TCEABS930317SS02	TCEABS930318SS01	TCEABS930318SS02
		10/12/1995	9/18/1998	5/7/1994	5/7/1994	5/7/1994	3/17/1993	3/17/1993	3/18/1993	3/18/1993
		ST2RACEWAY-951012-01	ST2RACEWAY-980901-01	SS000000940507-01-01	SS000000940507-02-01	SS000000940507-03-01	SSTCEABS930317-01-01	SSTCEABS930317-02-01	SSTCEABS930318-01-01	SSTCEABS930318-02-01
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ST2RACEWAY	ST2RACEWAY	SWLOT940507SS01	SWLOT940507SS02	SWLOT940507SS03	TCEABS930317SS01	TCEABS930317SS02	TCEABS930318SS01	TCEABS930318SS02
		10/12/1995	9/18/1998	5/7/1994	5/7/1994	5/7/1994	3/17/1993	3/17/1993	3/18/1993	3/18/1993
		ST2RACEWAY-951012-01	ST2RACEWAY-980901-01	SS000000940507-01-01	SS000000940507-02-01	SS000000940507-03-01	SSTCEABS930317-01-01	SSTCEABS930317-02-01	SSTCEABS930318-01-01	SSTCEABS930318-02-01
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics									< 10	< 10
Fuel Oil									< 10	< 10
Gasoline Range Organics									< 10	< 10
Jet Fuel									< 10	< 10
Kerosene	8008-20-6								< 10	< 10
Mineral Spirits	64475-85-0								< 10	< 10
Motor Oil									< 10	< 10
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)									12 (1)	< 10
Other										
Percent Moisture	ASTM D2974									

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ST2RACEWAY	ST2RACEWAY	SWLOT940507SS01	SWLOT940507SS02	SWLOT940507SS03	TCEABS930317SS01	TCEABS930317SS02	TCEABS930318SS01	TCEABS930318SS02
		10/12/1995	9/18/1998	5/7/1994	5/7/1994	5/7/1994	3/17/1993	3/17/1993	3/18/1993	3/18/1993
		ST2RACEWAY-951012-01	ST2RACEWAY-980901-01	SS000000940507-01-01	SS000000940507-02-01	SS000000940507-03-01	SSTCEABS930317-01-01	SSTCEABS930317-02-01	SSTCEABS930318-01-01	SSTCEABS930318-02-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	TCEABS930318SS03	TCEABS930318SS04	TCEABS930320SS01	TCESA910826SS01	TCESA910826SS01	TCESA910826SS02
		3/18/1993	3/18/1993	3/20/1993	8/26/1991	8/26/1991	8/26/1991
		SSTCEABS930318-03-01	SSTCEABS930318-04-01	SSTCEABS930320-01-01	SSTCE000910826-01-01	SSTCE000910826-01-01DL	SSTCE000910826-02-01
VOCs							
Acetone	67-64-1	< 0.01	< 0.01				< 0.012
Benzene	71-43-2	< 0.01	< 0.01				< 0.006
Bis(2-chloroethyl)ether	111-44-4						
Bromobenzene	108-86-1						
Bromochloromethane	74-97-5						
Bromodichloromethane	75-27-4	< 0.01	< 0.01				< 0.006
Bromoform	75-25-2	< 0.01	< 0.01				< 0.006
Bromomethane	74-83-9	< 0.01	< 0.01				< 0.012
Butylbenzene, n-	104-51-8						
Butylbenzene, sec-	135-98-8						
Butylbenzene, tert-	98-06-6						
Carbon Disulfide	75-15-0	< 0.01	< 0.01				< 0.006
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01				< 0.006
Chlorobenzene	108-90-7	< 0.01	< 0.01				< 0.006
Chloroethane	75-00-3	< 0.01	< 0.01				< 0.012
Chloroform	67-66-3	< 0.01	< 0.01				< 0.006
Chloromethane	74-87-3	< 0.01	< 0.01				< 0.012
Chloronaphthalene, Beta-	91-58-7						
Chlorophenol, 2-	95-57-8						
Chlorotoluene, o-	95-49-8						
Chlorotoluene, p-	106-43-4						
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01				< 0.006
Cresol, p-chloro-m-	59-50-7						
Dibromo-3-chloropropane, 1,2-	96-12-8						
Dibromochloromethane	124-48-1	< 0.01	< 0.01				< 0.006
Dibromoethane, 1,2-	106-93-4						
Dibromomethane (Methylene Bromide)	74-95-3						
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005				
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005				
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005				
Dichlorodifluoromethane	75-71-8						
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01				< 0.006
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01				< 0.006
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01				< 0.006
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01				< 0.006
Dichloroethylene, 1,2-cis-	156-59-2						
Dichloroethylene, 1,2-trans-	156-60-5						
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01				< 0.006
Dichloropropane, 1,3-	142-28-9						
Dichloropropane, 2,2-	594-20-7						
Dichloropropene, 1,1-	563-58-6						
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01				< 0.006
Ethylbenzene	100-41-4	< 0.01	< 0.01				< 0.006

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	TCEABS930318SS03	TCEABS930318SS04	TCEABS930320SS01	TCESA910826SS01	TCESA910826SS01	TCESA910826SS02
		3/18/1993	3/18/1993	3/20/1993	8/26/1991	8/26/1991	8/26/1991
		SSTCEABS930318-03-01	SSTCEABS930318-04-01	SSTCEABS930320-01-01	SSTCE000910826-01-01	SSTCE000910826-01-01DL	SSTCE000910826-02-01
Hexachlorobutadiene	87-68-3						
Hexanone, 2-	591-78-6	< 0.01	< 0.01				< 0.012
Isopropylbenzene (Cumene)	98-82-8						
Isopropyltoluene, p-	99-87-6						
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01				< 0.012
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01				< 0.012
Methyl tert-Butyl Ether (MTBE)	1634-04-4						
Methylene Chloride	75-09-2	< 0.01	< 0.01				0.006 J
Naphthalene	91-20-3						
Nitrobenzene	98-95-3						
Propylbenzene, n-	103-65-1						
Styrene	100-42-5	< 0.01	< 0.01				< 0.006
Tetrachloroethane, 1,1,1,2-	630-20-6						
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01				< 0.006
Tetrachloroethene	127-18-4	< 0.01	< 0.01				0.002 J
Toluene	108-88-3	< 0.01	< 0.01				0.002 J
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1						
Trichlorobenzene, 1,2,3-	87-61-6						
Trichlorobenzene, 1,2,4-	120-82-1						
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01				< 0.006
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01				< 0.006
Trichloroethene	79-01-6	< 0.01	< 0.01				< 0.006
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01				
Trichloropropane, 1,2,3-	96-18-4						
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005				
Trimethylbenzene, 1,2,4-	95-63-6						
Trimethylbenzene, 1,3,5-	108-67-8						
Vinyl Acetate	108-05-4						< 0.012
Vinyl Chloride	75-01-4	< 0.01	< 0.01				< 0.012
Xylene, o-	95-47-6						
Xylenes	1330-20-7	< 0.01	< 0.01				< 0.006
Xylenes, m & p							
SVOCs							
Acenaphthene	83-32-9						
Aniline	62-53-3						
Anthracene	120-12-7						
Benzidine	92-87-5						
Benzo[a]anthracene	56-55-3						
Benzo[a]pyrene	50-32-8						
Benzo[b]fluoranthene	205-99-2						
Benzo[k]fluoranthene	207-08-9						
Benzoic Acid	65-85-0						
Benzyl Alcohol	100-51-6						
Bis(2-chloroethoxy)methane	111-91-1						

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	TCEABS930318SS03	TCEABS930318SS04	TCEABS930320SS01	TCESA910826SS01	TCESA910826SS01	TCESA910826SS02
		3/18/1993	3/18/1993	3/20/1993	8/26/1991	8/26/1991	8/26/1991
		SSTCEABS930318-03-01	SSTCEABS930318-04-01	SSTCEABS930320-01-01	SSTCE000910826-01-01	SSTCE000910826-01-01DL	SSTCE000910826-02-01
bis(2-Chloroisopropyl)ether	39638-32-9						
Bis(2-ethylhexyl)phthalate	117-81-7						
Bromophenyl phenyl ether, 4-	101-55-3						
Butyl Benzyl Phthlate	85-68-7						
Carbazole	86-74-8						
Chloroaniline, p-	106-47-8						
Chlorophenyl-phenylether, 4-	7005-72-3						
Chrysene	218-01-9						
Cresol, 3&4-							
Cresol, o-	95-48-7						
Dibenz[a,h]anthracene	53-70-3						
Dibenzofuran	132-64-9						
Dibutyl Phthalate	84-74-2						
Dichlorobenzidine, 3,3'-	91-94-1						
Dichlorophenol, 2,4-	120-83-2						
Diethyl Phthalate	84-66-2						
Dimethyl phthalate	131-11-3						
Dimethylphenol, 2,4-	105-67-9						
Dinitro-o-cresol, 4,6-	534-52-1						
Dinitrophenol, 2,4-	51-28-5						
Dinitrotoluene, 2,4-	121-14-2						
Dinitrotoluene, 2,6-	606-20-2						
Di-n-octylphthalate							
Diphenylhydrazine, 1,2-	122-66-7						
Fluoranthene	206-44-0						
Fluorene	86-73-7						
Hexachlorobenzene	118-74-1						
Hexachlorocyclopentadiene	77-47-4						
Hexachloroethane	67-72-1						
Isophorone	78-59-1						
Methylnaphthalene, 1-	90-12-0						
Methylnaphthalene, 2-	91-57-6						
Nitroaniline, 2-	88-74-4						
Nitroaniline, 3-	99-09-2						
Nitroaniline, 4-	100-01-6						
Nitrophenol, 2-	88-75-5						
Nitrophenol, 4-	100-02-7						
Nitrosodimethylamine, N-	62-75-9						
Nitroso-di-N-propylamine, N-	621-64-7						
Nitrosodiphenylamine, N-	86-30-6						
Pentachlorophenol	87-86-5						
Phenanthrene	85-01-8						
Phenol	108-95-2						
Pyrene	129-00-0						

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	TCEABS930318SS03	TCEABS930318SS04	TCEABS930320SS01	TCESA910826SS01	TCESA910826SS01	TCESA910826SS02
		3/18/1993	3/18/1993	3/20/1993	8/26/1991	8/26/1991	8/26/1991
		SSTCEABS930318-03-01	SSTCEABS930318-04-01	SSTCEABS930320-01-01	SSTCE000910826-01-01	SSTCE000910826-01-01DL	SSTCE000910826-02-01
Pyridine	110-86-1						
Trichlorophenol, 2,4,5-	95-95-4						
Trichlorophenol, 2,4,6-	88-06-2						
Metals and Inorganics							
Aluminum	7429-90-5	18000	1090		7330		
Antimony	7440-36-0	< 0.5	< 0.5		< 3.7		
Arsenic	7440-38-2	9.1	6.19		5.1 SN		
Barium	7440-39-3	111	985		302		
Beryllium	7440-41-7	0.5	***26.5***		0.67		
Cadmium	7440-43-9	***0.95***	***27.3***		***3.3***		
Calcium	7440-70-2	78000	2640		44500 E		
Chromium, Total	7440-47-3	***37.7***	***50.5***		***39.6***		
Cobalt	7440-48-4	4.4	***252***		8.9		
Copper	7440-50-8	***157***	***136***		***83.1*** *		
Cyanide	57-12-5	< 1	< 1				
Iron	7439-89-6	11850	488		18600 E*		
Lead	7439-92-1	***81***	***16.5***		***29.3***		
Magnesium	7439-95-4	2970	2820		2490 E		
Manganese	7439-96-5	307	72.6		447 E		
Mercury	7439-97-6	***0.72***	< 0.5		***0.15***		
Nickel	7440-02-0	14.6	***206***		24.3		
Potassium	7440-09-7	2520	2850		999		
Selenium	7782-49-2	< 0.25	< 0.25		< 0.25		
Silver	7440-22-4	***12***	***54.1***		3.1 N		
Sodium	7440-23-5	101	2760		77.9 B		
Thallium (Soluble Salts)	7440-28-0	< 5	< 5		< 0.25		
Vanadium	NA	***29.9***	***277***		***17.3***		
Zinc	7440-66-6	***155***	***133***		***147 E***		
PCBs and Dioxins							
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 0.49	< 4.9	
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 0.49	< 4.9	
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 0.49	< 4.9	
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 0.49	< 4.9	
Aroclor 1248	12672-29-6	***38***	< 1	***2.8***	***7.6 XF***	***10 X***	
Aroclor 1254	11097-69-1	< 1	< 1	< 1	***8.9 XF***	***8.7 XZ***	
Aroclor 1260	11096-82-5	***76 (2)***	< 1	< 1	***27 XF***	***69 X***	
PCB-001							
PCB-002							
PCB-003							
PCB-004							
PCB-005							
PCB-006							
PCB-007							
PCB-008							

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	TCEABS930318SS03	TCEABS930318SS04	TCEABS930320SS01	TCESA910826SS01	TCESA910826SS01	TCESA910826SS02
		3/18/1993	3/18/1993	3/20/1993	8/26/1991	8/26/1991	8/26/1991
		SSTCEABS930318-03-01	SSTCEABS930318-04-01	SSTCEABS930320-01-01	SSTCE000910826-01-01	SSTCE000910826-01-01DL	SSTCE000910826-02-01
PCB-009							
PCB-010							
PCB-011							
PCB-012							
PCB-013							
PCB-014							
PCB-015							
PCB-016							
PCB-017							
PCB-018							
PCB-019							
PCB-020							
PCB-021							
PCB-022							
PCB-023							
PCB-024							
PCB-025							
PCB-026							
PCB-027							
PCB-028							
PCB-029							
PCB-030							
PCB-031							
PCB-032							
PCB-033							
PCB-034							
PCB-035							
PCB-036							
PCB-037							
PCB-038							
PCB-039							
PCB-040							
PCB-041							
PCB-042							
PCB-043							
PCB-044							
PCB-045							
PCB-046							
PCB-047							
PCB-048							
PCB-049							
PCB-050							
PCB-051							
PCB-052							

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	TCEABS930318SS03	TCEABS930318SS04	TCEABS930320SS01	TCESA910826SS01	TCESA910826SS01	TCESA910826SS02
		3/18/1993	3/18/1993	3/20/1993	8/26/1991	8/26/1991	8/26/1991
		SSTCEABS930318-03-01	SSTCEABS930318-04-01	SSTCEABS930320-01-01	SSTCE000910826-01-01	SSTCE000910826-01-01DL	SSTCE000910826-02-01
PCB-053							
PCB-054							
PCB-055							
PCB-056							
PCB-057							
PCB-058							
PCB-059							
PCB-060							
PCB-061							
PCB-062							
PCB-063							
PCB-064							
PCB-065							
PCB-066							
PCB-067							
PCB-068							
PCB-069							
PCB-070							
PCB-071							
PCB-072							
PCB-073							
PCB-074							
PCB-075							
PCB-076							
PCB-077	32598-13-3						
PCB-078							
PCB-079							
PCB-080							
PCB-081	70362-50-4						
PCB-082							
PCB-083							
PCB-084							
PCB-085							
PCB-086							
PCB-087							
PCB-088							
PCB-089							
PCB-090							
PCB-091							
PCB-092							
PCB-093							
PCB-094							
PCB-095							
PCB-096							

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	TCEABS930318SS03	TCEABS930318SS04	TCEABS930320SS01	TCESA910826SS01	TCESA910826SS01	TCESA910826SS02
		3/18/1993	3/18/1993	3/20/1993	8/26/1991	8/26/1991	8/26/1991
		SSTCEABS930318-03-01	SSTCEABS930318-04-01	SSTCEABS930320-01-01	SSTCE000910826-01-01	SSTCE000910826-01-01DL	SSTCE000910826-02-01
PCB-097							
PCB-098							
PCB-099							
PCB-100							
PCB-101							
PCB-102							
PCB-103							
PCB-104							
PCB-105	32598-14-4						
PCB-106							
PCB-107							
PCB-108							
PCB-109							
PCB-110							
PCB-111							
PCB-112							
PCB-113							
PCB-114	74472-37-0						
PCB-115							
PCB-116							
PCB-117							
PCB-118	31508-00-6						
PCB-119							
PCB-120							
PCB-121							
PCB-122							
PCB-123	65510-44-3						
PCB-124							
PCB-125							
PCB-126	57465-28-8						
PCB-127							
PCB-128							
PCB-129							
PCB-130							
PCB-131							
PCB-132							
PCB-133							
PCB-134							
PCB-135							
PCB-136							
PCB-137							
PCB-138							
PCB-139							
PCB-140							

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	TCEABS930318SS03	TCEABS930318SS04	TCEABS930320SS01	TCESA910826SS01	TCESA910826SS01	TCESA910826SS02
		3/18/1993	3/18/1993	3/20/1993	8/26/1991	8/26/1991	8/26/1991
		SSTCEABS930318-03-01	SSTCEABS930318-04-01	SSTCEABS930320-01-01	SSTCE000910826-01-01	SSTCE000910826-01-01DL	SSTCE000910826-02-01
PCB-141							
PCB-142							
PCB-143							
PCB-144							
PCB-145							
PCB-146							
PCB-147							
PCB-148							
PCB-149							
PCB-150							
PCB-151							
PCB-152							
PCB-153							
PCB-154							
PCB-155							
PCB-156							
PCB-157	69782-90-7						
PCB-158							
PCB-159							
PCB-160							
PCB-161							
PCB-162							
PCB-163							
PCB-164							
PCB-165							
PCB-166							
PCB-167	52663-72-6						
PCB-168							
PCB-169	32774-16-6						
PCB-170							
PCB-171							
PCB-172							
PCB-173							
PCB-174							
PCB-175							
PCB-176							
PCB-177							
PCB-178							
PCB-179							
PCB-180							
PCB-181							
PCB-182							
PCB-183							
PCB-184							

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	TCEABS930318SS03	TCEABS930318SS04	TCEABS930320SS01	TCESA910826SS01	TCESA910826SS01	TCESA910826SS02
		3/18/1993	3/18/1993	3/20/1993	8/26/1991	8/26/1991	8/26/1991
		SSTCEABS930318-03-01	SSTCEABS930318-04-01	SSTCEABS930320-01-01	SSTCE000910826-01-01	SSTCE000910826-01-01DL	SSTCE000910826-02-01
PCB-185							
PCB-186							
PCB-187							
PCB-188							
PCB-189	39635-31-9						
PCB-190							
PCB-191							
PCB-192							
PCB-193							
PCB-194							
PCB-195							
PCB-196							
PCB-197							
PCB-198							
PCB-199							
PCB-200							
PCB-201							
PCB-202							
PCB-203							
PCB-204							
PCB-205							
PCB-206							
PCB-207							
PCB-208							
PCB-209							
Hydrocarbons							
Diesel Fuel	68334-30-5						
Diesel Range Organics		< 10	< 10				
Fuel Oil		< 10	< 10				
Gasoline Range Organics		< 10	< 10				
Jet Fuel		< 10	< 10				
Kerosene	8008-20-6	< 10	< 10				
Mineral Spirits	64475-85-0	< 10	< 10				
Motor Oil		< 10	< 10				
Oil Range Hydrocarbons							
TPH (Heavy)							
TPH (Light)							
TPH (Total)		110 (1)	< 10				33 M
Other							
Percent Moisture	ASTM D2974						

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-1
Comparison of Surface Soil Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	TCEABS930318SS03	TCEABS930318SS04	TCEABS930320SS01	TCESA910826SS01	TCESA910826SS01	TCESA910826SS02
		3/18/1993	3/18/1993	3/20/1993	8/26/1991	8/26/1991	8/26/1991
		SSTCEABS930318-03-01	SSTCEABS930318-04-01	SSTCEABS930320-01-01	SSTCE000910826-01-01	SSTCE000910826-01-01DL	SSTCE000910826-02-01

BOLD indicates concentration greater than ecological screening criteria.

Yellow highlighting indicates concentration greater than human health residential screening criteria.

Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH45	95T93BH45	95T93BH45	95T93BH46	95T93BH46	95T93BH46	95T93BH47	95T93BH48	95T93BH48
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993
		BHAIC95T9303-45-05	BHAIC95T9303-45-10	BHAIC95T9303-45-15	BHAIC95T9303-46-05	BHAIC95T9303-46-10	BHAIC95T9303-46-15	BHAIC95T9303-47-12	BHAIC95T9303-48-05	BHAIC95T9303-48-10
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH45	95T93BH45	95T93BH45	95T93BH46	95T93BH46	95T93BH46	95T93BH47	95T93BH48	95T93BH48
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993
		BHAIC95T9303-45-05	BHAIC95T9303-45-10	BHAIC95T9303-45-15	BHAIC95T9303-46-05	BHAIC95T9303-46-10	BHAIC95T9303-46-15	BHAIC95T9303-47-12	BHAIC95T9303-48-05	BHAIC95T9303-48-10
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH45	95T93BH45	95T93BH45	95T93BH46	95T93BH46	95T93BH46	95T93BH47	95T93BH48	95T93BH48
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993
		BHAIC95T9303-45-05	BHAIC95T9303-45-10	BHAIC95T9303-45-15	BHAIC95T9303-46-05	BHAIC95T9303-46-10	BHAIC95T9303-46-15	BHAIC95T9303-47-12	BHAIC95T9303-48-05	BHAIC95T9303-48-10
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH45	95T93BH45	95T93BH45	95T93BH46	95T93BH46	95T93BH46	95T93BH47	95T93BH48	95T93BH48
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993
		BHAIC95T9303-45-05	BHAIC95T9303-45-10	BHAIC95T9303-45-15	BHAIC95T9303-46-05	BHAIC95T9303-46-10	BHAIC95T9303-46-15	BHAIC95T9303-47-12	BHAIC95T9303-48-05	BHAIC95T9303-48-10
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	160 (1)	23	31	2.7	7.8	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH45	95T93BH45	95T93BH45	95T93BH46	95T93BH46	95T93BH46	95T93BH47	95T93BH48	95T93BH48
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993
		BHAIC95T9303-45-05	BHAIC95T9303-45-10	BHAIC95T9303-45-15	BHAIC95T9303-46-05	BHAIC95T9303-46-10	BHAIC95T9303-46-15	BHAIC95T9303-47-12	BHAIC95T9303-48-05	BHAIC95T9303-48-10
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH45	95T93BH45	95T93BH45	95T93BH46	95T93BH46	95T93BH46	95T93BH47	95T93BH48	95T93BH48
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993
		BHAIC95T9303-45-05	BHAIC95T9303-45-10	BHAIC95T9303-45-15	BHAIC95T9303-46-05	BHAIC95T9303-46-10	BHAIC95T9303-46-15	BHAIC95T9303-47-12	BHAIC95T9303-48-05	BHAIC95T9303-48-10
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH45	95T93BH45	95T93BH45	95T93BH46	95T93BH46	95T93BH46	95T93BH47	95T93BH48	95T93BH48
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993
		BHAIC95T9303-45-05	BHAIC95T9303-45-10	BHAIC95T9303-45-15	BHAIC95T9303-46-05	BHAIC95T9303-46-10	BHAIC95T9303-46-15	BHAIC95T9303-47-12	BHAIC95T9303-48-05	BHAIC95T9303-48-10
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH45	95T93BH45	95T93BH45	95T93BH46	95T93BH46	95T93BH46	95T93BH47	95T93BH48	95T93BH48
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993
		BHAIC95T9303-45-05	BHAIC95T9303-45-10	BHAIC95T9303-45-15	BHAIC95T9303-46-05	BHAIC95T9303-46-10	BHAIC95T9303-46-15	BHAIC95T9303-47-12	BHAIC95T9303-48-05	BHAIC95T9303-48-10
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH45	95T93BH45	95T93BH45	95T93BH46	95T93BH46	95T93BH46	95T93BH47	95T93BH48	95T93BH48
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993
		BHAIC95T9303-45-05	BHAIC95T9303-45-10	BHAIC95T9303-45-15	BHAIC95T9303-46-05	BHAIC95T9303-46-10	BHAIC95T9303-46-15	BHAIC95T9303-47-12	BHAIC95T9303-48-05	BHAIC95T9303-48-10
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH48	95T93BH49	95T93BH49	95T93BH49	95T93BH50	95T93BH50	95T93BH51	95T93BH52	95T93BH52
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/4/1993	3/4/1993	3/4/1993
		BHAIC95T9303-48-15	BHAIC95T9303-49-05	BHAIC95T9303-49-10	BHAIC95T9303-49-15	BHAIC95T9303-50-06	BHAIC95T9303-50-12	BHAIC95T9303-51-11	BHAIC95T9303-52-05	BHAIC95T9303-52-09
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH48	95T93BH49	95T93BH49	95T93BH49	95T93BH50	95T93BH50	95T93BH51	95T93BH52	95T93BH52
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/4/1993	3/4/1993	3/4/1993
		BHAIC95T9303-48-15	BHAIC95T9303-49-05	BHAIC95T9303-49-10	BHAIC95T9303-49-15	BHAIC95T9303-50-06	BHAIC95T9303-50-12	BHAIC95T9303-51-11	BHAIC95T9303-52-05	BHAIC95T9303-52-09
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH48	95T93BH49	95T93BH49	95T93BH49	95T93BH50	95T93BH50	95T93BH51	95T93BH52	95T93BH52
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/4/1993	3/4/1993	3/4/1993
		BHAIC95T9303-48-15	BHAIC95T9303-49-05	BHAIC95T9303-49-10	BHAIC95T9303-49-15	BHAIC95T9303-50-06	BHAIC95T9303-50-12	BHAIC95T9303-51-11	BHAIC95T9303-52-05	BHAIC95T9303-52-09
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH48	95T93BH49	95T93BH49	95T93BH49	95T93BH50	95T93BH50	95T93BH51	95T93BH52	95T93BH52
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/4/1993	3/4/1993	3/4/1993
		BHAIC95T9303-48-15	BHAIC95T9303-49-05	BHAIC95T9303-49-10	BHAIC95T9303-49-15	BHAIC95T9303-50-06	BHAIC95T9303-50-12	BHAIC95T9303-51-11	BHAIC95T9303-52-05	BHAIC95T9303-52-09
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	1	< 1	< 1	< 1	< 1	1.1	46 (1)	9
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH48	95T93BH49	95T93BH49	95T93BH49	95T93BH50	95T93BH50	95T93BH51	95T93BH52	95T93BH52
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/4/1993	3/4/1993	3/4/1993
		BHAIC95T9303-48-15	BHAIC95T9303-49-05	BHAIC95T9303-49-10	BHAIC95T9303-49-15	BHAIC95T9303-50-06	BHAIC95T9303-50-12	BHAIC95T9303-51-11	BHAIC95T9303-52-05	BHAIC95T9303-52-09
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH48	95T93BH49	95T93BH49	95T93BH49	95T93BH50	95T93BH50	95T93BH51	95T93BH52	95T93BH52
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/4/1993	3/4/1993	3/4/1993
		BHAIC95T9303-48-15	BHAIC95T9303-49-05	BHAIC95T9303-49-10	BHAIC95T9303-49-15	BHAIC95T9303-50-06	BHAIC95T9303-50-12	BHAIC95T9303-51-11	BHAIC95T9303-52-05	BHAIC95T9303-52-09
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH48	95T93BH49	95T93BH49	95T93BH49	95T93BH50	95T93BH50	95T93BH51	95T93BH52	95T93BH52
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/4/1993	3/4/1993	3/4/1993
		BHAIC95T9303-48-15	BHAIC95T9303-49-05	BHAIC95T9303-49-10	BHAIC95T9303-49-15	BHAIC95T9303-50-06	BHAIC95T9303-50-12	BHAIC95T9303-51-11	BHAIC95T9303-52-05	BHAIC95T9303-52-09
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH48	95T93BH49	95T93BH49	95T93BH49	95T93BH50	95T93BH50	95T93BH51	95T93BH52	95T93BH52
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/4/1993	3/4/1993	3/4/1993
		BHAIC95T9303-48-15	BHAIC95T9303-49-05	BHAIC95T9303-49-10	BHAIC95T9303-49-15	BHAIC95T9303-50-06	BHAIC95T9303-50-12	BHAIC95T9303-51-11	BHAIC95T9303-52-05	BHAIC95T9303-52-09
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH48	95T93BH49	95T93BH49	95T93BH49	95T93BH50	95T93BH50	95T93BH51	95T93BH52	95T93BH52
		3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/3/1993	3/4/1993	3/4/1993	3/4/1993
		BHAIC95T9303-48-15	BHAIC95T9303-49-05	BHAIC95T9303-49-10	BHAIC95T9303-49-15	BHAIC95T9303-50-06	BHAIC95T9303-50-12	BHAIC95T9303-51-11	BHAIC95T9303-52-05	BHAIC95T9303-52-09
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH53	95T93BH53	95T93BH54	95T93BH54	95T93BH55	95T93BH55	95T93BH55	95T93BH56	95T93BH57
		3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	4/15/1993	4/15/1993
		BHAIC95T9303-53-10	BHAIC95T9303-53-15	BHAIC95T9303-54-05	BHAIC95T9303-54-10	BHAIC95T9303-55-05	BHAIC95T9303-55-10	BHAIC95T9303-55-15	BHAIC95T9304-56-07	BHAIC95T9304-57-09
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH53	95T93BH53	95T93BH54	95T93BH54	95T93BH55	95T93BH55	95T93BH55	95T93BH56	95T93BH57
		3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	4/15/1993	4/15/1993
		BHAIC95T9303-53-10	BHAIC95T9303-53-15	BHAIC95T9303-54-05	BHAIC95T9303-54-10	BHAIC95T9303-55-05	BHAIC95T9303-55-10	BHAIC95T9303-55-15	BHAIC95T9304-56-07	BHAIC95T9304-57-09
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH53	95T93BH53	95T93BH54	95T93BH54	95T93BH55	95T93BH55	95T93BH55	95T93BH56	95T93BH57
		3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	4/15/1993	4/15/1993
		BHAIC95T9303-53-10	BHAIC95T9303-53-15	BHAIC95T9303-54-05	BHAIC95T9303-54-10	BHAIC95T9303-55-05	BHAIC95T9303-55-10	BHAIC95T9303-55-15	BHAIC95T9304-56-07	BHAIC95T9304-57-09
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH53	95T93BH53	95T93BH54	95T93BH54	95T93BH55	95T93BH55	95T93BH55	95T93BH56	95T93BH57
		3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	4/15/1993	4/15/1993
		BHAIC95T9303-53-10	BHAIC95T9303-53-15	BHAIC95T9303-54-05	BHAIC95T9303-54-10	BHAIC95T9303-55-05	BHAIC95T9303-55-10	BHAIC95T9303-55-15	BHAIC95T9304-56-07	BHAIC95T9304-57-09
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	1.3	< 1	2	1.1	< 1	2	18	< 1	1.5
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH53	95T93BH53	95T93BH54	95T93BH54	95T93BH55	95T93BH55	95T93BH55	95T93BH56	95T93BH57
		3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	4/15/1993	4/15/1993
		BHAIC95T9303-53-10	BHAIC95T9303-53-15	BHAIC95T9303-54-05	BHAIC95T9303-54-10	BHAIC95T9303-55-05	BHAIC95T9303-55-10	BHAIC95T9303-55-15	BHAIC95T9304-56-07	BHAIC95T9304-57-09
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH53	95T93BH53	95T93BH54	95T93BH54	95T93BH55	95T93BH55	95T93BH55	95T93BH56	95T93BH57
		3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	4/15/1993	4/15/1993
		BHAIC95T9303-53-10	BHAIC95T9303-53-15	BHAIC95T9303-54-05	BHAIC95T9303-54-10	BHAIC95T9303-55-05	BHAIC95T9303-55-10	BHAIC95T9303-55-15	BHAIC95T9304-56-07	BHAIC95T9304-57-09
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH53	95T93BH53	95T93BH54	95T93BH54	95T93BH55	95T93BH55	95T93BH55	95T93BH56	95T93BH57
		3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	4/15/1993	4/15/1993
		BHAIC95T9303-53-10	BHAIC95T9303-53-15	BHAIC95T9303-54-05	BHAIC95T9303-54-10	BHAIC95T9303-55-05	BHAIC95T9303-55-10	BHAIC95T9303-55-15	BHAIC95T9304-56-07	BHAIC95T9304-57-09
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH53	95T93BH53	95T93BH54	95T93BH54	95T93BH55	95T93BH55	95T93BH55	95T93BH56	95T93BH57
		3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	4/15/1993	4/15/1993
		BHAIC95T9303-53-10	BHAIC95T9303-53-15	BHAIC95T9303-54-05	BHAIC95T9303-54-10	BHAIC95T9303-55-05	BHAIC95T9303-55-10	BHAIC95T9303-55-15	BHAIC95T9304-56-07	BHAIC95T9304-57-09
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH53	95T93BH53	95T93BH54	95T93BH54	95T93BH55	95T93BH55	95T93BH55	95T93BH56	95T93BH57
		3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	3/4/1993	4/15/1993	4/15/1993
		BHAIC95T9303-53-10	BHAIC95T9303-53-15	BHAIC95T9303-54-05	BHAIC95T9303-54-10	BHAIC95T9303-55-05	BHAIC95T9303-55-10	BHAIC95T9303-55-15	BHAIC95T9304-56-07	BHAIC95T9304-57-09
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH58	95T93BH59	95T93BH60	95T93BH61	95T93BH61	95T93BH62	95T93BH63	95T93BH63	95T93BH64
		4/16/1993	4/23/1993	4/23/1993	7/22/1993	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/23/1993
		BHAIC95T9304-58-09	BHAIC95T9304-59-09	BHAIC95T9304-60-09	BHAIC95T9307-61-04	BHAIC95T9307-61-12	BHAIC95T9307-62-07	BHAIC95T9307-63-04	BHAIC95T9307-63-15	BHAIC95T9307-64-03
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH58	95T93BH59	95T93BH60	95T93BH61	95T93BH61	95T93BH62	95T93BH63	95T93BH63	95T93BH64
		4/16/1993	4/23/1993	4/23/1993	7/22/1993	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/23/1993
		BHAIC95T9304-58-09	BHAIC95T9304-59-09	BHAIC95T9304-60-09	BHAIC95T9307-61-04	BHAIC95T9307-61-12	BHAIC95T9307-62-07	BHAIC95T9307-63-04	BHAIC95T9307-63-15	BHAIC95T9307-64-03
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH58	95T93BH59	95T93BH60	95T93BH61	95T93BH61	95T93BH62	95T93BH63	95T93BH63	95T93BH64
		4/16/1993	4/23/1993	4/23/1993	7/22/1993	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/23/1993
		BHAIC95T9304-58-09	BHAIC95T9304-59-09	BHAIC95T9304-60-09	BHAIC95T9307-61-04	BHAIC95T9307-61-12	BHAIC95T9307-62-07	BHAIC95T9307-63-04	BHAIC95T9307-63-15	BHAIC95T9307-64-03
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH58	95T93BH59	95T93BH60	95T93BH61	95T93BH61	95T93BH62	95T93BH63	95T93BH63	95T93BH64
		4/16/1993	4/23/1993	4/23/1993	7/22/1993	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/23/1993
		BHAIC95T9304-58-09	BHAIC95T9304-59-09	BHAIC95T9304-60-09	BHAIC95T9307-61-04	BHAIC95T9307-61-12	BHAIC95T9307-62-07	BHAIC95T9307-63-04	BHAIC95T9307-63-15	BHAIC95T9307-64-03
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	3.9	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH58	95T93BH59	95T93BH60	95T93BH61	95T93BH61	95T93BH62	95T93BH63	95T93BH63	95T93BH64
		4/16/1993	4/23/1993	4/23/1993	7/22/1993	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/23/1993
		BHAIC95T9304-58-09	BHAIC95T9304-59-09	BHAIC95T9304-60-09	BHAIC95T9307-61-04	BHAIC95T9307-61-12	BHAIC95T9307-62-07	BHAIC95T9307-63-04	BHAIC95T9307-63-15	BHAIC95T9307-64-03
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH58	95T93BH59	95T93BH60	95T93BH61	95T93BH61	95T93BH62	95T93BH63	95T93BH63	95T93BH64
		4/16/1993	4/23/1993	4/23/1993	7/22/1993	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/23/1993
		BHAIC95T9304-58-09	BHAIC95T9304-59-09	BHAIC95T9304-60-09	BHAIC95T9307-61-04	BHAIC95T9307-61-12	BHAIC95T9307-62-07	BHAIC95T9307-63-04	BHAIC95T9307-63-15	BHAIC95T9307-64-03
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH58	95T93BH59	95T93BH60	95T93BH61	95T93BH61	95T93BH62	95T93BH63	95T93BH63	95T93BH64
		4/16/1993	4/23/1993	4/23/1993	7/22/1993	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/23/1993
		BHAIC95T9304-58-09	BHAIC95T9304-59-09	BHAIC95T9304-60-09	BHAIC95T9307-61-04	BHAIC95T9307-61-12	BHAIC95T9307-62-07	BHAIC95T9307-63-04	BHAIC95T9307-63-15	BHAIC95T9307-64-03
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH58	95T93BH59	95T93BH60	95T93BH61	95T93BH61	95T93BH62	95T93BH63	95T93BH63	95T93BH64
		4/16/1993	4/23/1993	4/23/1993	7/22/1993	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/23/1993
		BHAIC95T9304-58-09	BHAIC95T9304-59-09	BHAIC95T9304-60-09	BHAIC95T9307-61-04	BHAIC95T9307-61-12	BHAIC95T9307-62-07	BHAIC95T9307-63-04	BHAIC95T9307-63-15	BHAIC95T9307-64-03
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH58	95T93BH59	95T93BH60	95T93BH61	95T93BH61	95T93BH62	95T93BH63	95T93BH63	95T93BH64
		4/16/1993	4/23/1993	4/23/1993	7/22/1993	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/23/1993
		BHAIC95T9304-58-09	BHAIC95T9304-59-09	BHAIC95T9304-60-09	BHAIC95T9307-61-04	BHAIC95T9307-61-12	BHAIC95T9307-62-07	BHAIC95T9307-63-04	BHAIC95T9307-63-15	BHAIC95T9307-64-03
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH64	95T93BH64	95T93BH65	95T93BH65	95T93BH65	95T93BH66	95T93BH66	95T93BH67	95T93BH67
		7/23/1993	7/23/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/27/1993	7/27/1993
		BHAIC95T9307-64-10	BHAIC95T9307-64-15	BHAIC95T9307-65-05	BHAIC95T9307-65-09	BHAIC95T9307-65-15	BHAIC95T9307-66-05	BHAIC95T9307-66-10	BHAIC95T9307-67-04	BHAIC95T9307-67-09
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH64	95T93BH64	95T93BH65	95T93BH65	95T93BH65	95T93BH66	95T93BH66	95T93BH67	95T93BH67
		7/23/1993	7/23/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/27/1993	7/27/1993
		BHAIC95T9307-64-10	BHAIC95T9307-64-15	BHAIC95T9307-65-05	BHAIC95T9307-65-09	BHAIC95T9307-65-15	BHAIC95T9307-66-05	BHAIC95T9307-66-10	BHAIC95T9307-67-04	BHAIC95T9307-67-09
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH64	95T93BH64	95T93BH65	95T93BH65	95T93BH65	95T93BH66	95T93BH66	95T93BH67	95T93BH67
		7/23/1993	7/23/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/27/1993	7/27/1993
		BHAIC95T9307-64-10	BHAIC95T9307-64-15	BHAIC95T9307-65-05	BHAIC95T9307-65-09	BHAIC95T9307-65-15	BHAIC95T9307-66-05	BHAIC95T9307-66-10	BHAIC95T9307-67-04	BHAIC95T9307-67-09
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH64	95T93BH64	95T93BH65	95T93BH65	95T93BH65	95T93BH66	95T93BH66	95T93BH67	95T93BH67
		7/23/1993	7/23/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/27/1993	7/27/1993
		BHAIC95T9307-64-10	BHAIC95T9307-64-15	BHAIC95T9307-65-05	BHAIC95T9307-65-09	BHAIC95T9307-65-15	BHAIC95T9307-66-05	BHAIC95T9307-66-10	BHAIC95T9307-67-04	BHAIC95T9307-67-09
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH64	95T93BH64	95T93BH65	95T93BH65	95T93BH65	95T93BH66	95T93BH66	95T93BH67	95T93BH67
		7/23/1993	7/23/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/27/1993	7/27/1993
		BHAIC95T9307-64-10	BHAIC95T9307-64-15	BHAIC95T9307-65-05	BHAIC95T9307-65-09	BHAIC95T9307-65-15	BHAIC95T9307-66-05	BHAIC95T9307-66-10	BHAIC95T9307-67-04	BHAIC95T9307-67-09
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH64	95T93BH64	95T93BH65	95T93BH65	95T93BH65	95T93BH66	95T93BH66	95T93BH67	95T93BH67
		7/23/1993	7/23/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/27/1993	7/27/1993
		BHAIC95T9307-64-10	BHAIC95T9307-64-15	BHAIC95T9307-65-05	BHAIC95T9307-65-09	BHAIC95T9307-65-15	BHAIC95T9307-66-05	BHAIC95T9307-66-10	BHAIC95T9307-67-04	BHAIC95T9307-67-09
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH64	95T93BH64	95T93BH65	95T93BH65	95T93BH65	95T93BH66	95T93BH66	95T93BH67	95T93BH67
		7/23/1993	7/23/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/27/1993	7/27/1993
		BHAIC95T9307-64-10	BHAIC95T9307-64-15	BHAIC95T9307-65-05	BHAIC95T9307-65-09	BHAIC95T9307-65-15	BHAIC95T9307-66-05	BHAIC95T9307-66-10	BHAIC95T9307-67-04	BHAIC95T9307-67-09
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH64	95T93BH64	95T93BH65	95T93BH65	95T93BH65	95T93BH66	95T93BH66	95T93BH67	95T93BH67
		7/23/1993	7/23/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/27/1993	7/27/1993
		BHAIC95T9307-64-10	BHAIC95T9307-64-15	BHAIC95T9307-65-05	BHAIC95T9307-65-09	BHAIC95T9307-65-15	BHAIC95T9307-66-05	BHAIC95T9307-66-10	BHAIC95T9307-67-04	BHAIC95T9307-67-09
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH64	95T93BH64	95T93BH65	95T93BH65	95T93BH65	95T93BH66	95T93BH66	95T93BH67	95T93BH67
		7/23/1993	7/23/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/26/1993	7/27/1993	7/27/1993
		BHAIC95T9307-64-10	BHAIC95T9307-64-15	BHAIC95T9307-65-05	BHAIC95T9307-65-09	BHAIC95T9307-65-15	BHAIC95T9307-66-05	BHAIC95T9307-66-10	BHAIC95T9307-67-04	BHAIC95T9307-67-09
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH67	95T93BH68	95T93BH68	95T93BH68	95T93BH69	95T93BH69	95T93BH69	95T93BH70	95T93BH70
		7/27/1993	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993
		BHAIC95T9307-67-13	BHAIC95T9307-68-02	BHAIC95T9307-68-11	BHAIC95T9307-68-07	BHAIC95T9307-69-04	BHAIC95T9307-69-10	BHAIC95T9307-69-15	BHAIC95T9307-70-05	BHAIC95T9307-70-10
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH67	95T93BH68	95T93BH68	95T93BH68	95T93BH69	95T93BH69	95T93BH69	95T93BH70	95T93BH70
		7/27/1993	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993
		BHAIC95T9307-67-13	BHAIC95T9307-68-02	BHAIC95T9307-68-11	BHAIC95T9307-68-07	BHAIC95T9307-69-04	BHAIC95T9307-69-10	BHAIC95T9307-69-15	BHAIC95T9307-70-05	BHAIC95T9307-70-10
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH67	95T93BH68	95T93BH68	95T93BH68	95T93BH69	95T93BH69	95T93BH69	95T93BH70	95T93BH70
		7/27/1993	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993
		BHAIC95T9307-67-13	BHAIC95T9307-68-02	BHAIC95T9307-68-11	BHAIC95T9307-68-07	BHAIC95T9307-69-04	BHAIC95T9307-69-10	BHAIC95T9307-69-15	BHAIC95T9307-70-05	BHAIC95T9307-70-10
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH67	95T93BH68	95T93BH68	95T93BH68	95T93BH69	95T93BH69	95T93BH69	95T93BH70	95T93BH70
		7/27/1993	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993
		BHAIC95T9307-67-13	BHAIC95T9307-68-02	BHAIC95T9307-68-11	BHAIC95T9307-68-07	BHAIC95T9307-69-04	BHAIC95T9307-69-10	BHAIC95T9307-69-15	BHAIC95T9307-70-05	BHAIC95T9307-70-10
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	19	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH67	95T93BH68	95T93BH68	95T93BH68	95T93BH69	95T93BH69	95T93BH69	95T93BH70	95T93BH70
		7/27/1993	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993
		BHAIC95T9307-67-13	BHAIC95T9307-68-02	BHAIC95T9307-68-11	BHAIC95T9307-68-07	BHAIC95T9307-69-04	BHAIC95T9307-69-10	BHAIC95T9307-69-15	BHAIC95T9307-70-05	BHAIC95T9307-70-10
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH67	95T93BH68	95T93BH68	95T93BH68	95T93BH69	95T93BH69	95T93BH69	95T93BH70	95T93BH70
		7/27/1993	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993
		BHAIC95T9307-67-13	BHAIC95T9307-68-02	BHAIC95T9307-68-11	BHAIC95T9307-68-07	BHAIC95T9307-69-04	BHAIC95T9307-69-10	BHAIC95T9307-69-15	BHAIC95T9307-70-05	BHAIC95T9307-70-10
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH67	95T93BH68	95T93BH68	95T93BH68	95T93BH69	95T93BH69	95T93BH69	95T93BH70	95T93BH70
		7/27/1993	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993
		BHAIC95T9307-67-13	BHAIC95T9307-68-02	BHAIC95T9307-68-11	BHAIC95T9307-68-07	BHAIC95T9307-69-04	BHAIC95T9307-69-10	BHAIC95T9307-69-15	BHAIC95T9307-70-05	BHAIC95T9307-70-10
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH67	95T93BH68	95T93BH68	95T93BH68	95T93BH69	95T93BH69	95T93BH69	95T93BH70	95T93BH70
		7/27/1993	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993
		BHAIC95T9307-67-13	BHAIC95T9307-68-02	BHAIC95T9307-68-11	BHAIC95T9307-68-07	BHAIC95T9307-69-04	BHAIC95T9307-69-10	BHAIC95T9307-69-15	BHAIC95T9307-70-05	BHAIC95T9307-70-10
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH67	95T93BH68	95T93BH68	95T93BH68	95T93BH69	95T93BH69	95T93BH69	95T93BH70	95T93BH70
		7/27/1993	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993	7/29/1993
		BHAIC95T9307-67-13	BHAIC95T9307-68-02	BHAIC95T9307-68-11	BHAIC95T9307-68-07	BHAIC95T9307-69-04	BHAIC95T9307-69-10	BHAIC95T9307-69-15	BHAIC95T9307-70-05	BHAIC95T9307-70-10
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH70	95T93BH71	95T93BH71	95T93BH71	95T93BH72	95T93BH72	95T93BH72	95T93BH73	95T93BH73
		7/29/1993	7/30/1993	7/30/1993	7/30/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993
		BHAIC95T9307-70-15	BHAIC95T9307-71-05	BHAIC95T9307-71-10	BHAIC95T9307-71-15	BHAIC95T9308-72-05	BHAIC95T9308-72-10	BHAIC95T9308-72-15	BHAIC95T9308-73-10	BHAIC95T9308-73-15
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH70	95T93BH71	95T93BH71	95T93BH71	95T93BH72	95T93BH72	95T93BH72	95T93BH73	95T93BH73
		7/29/1993	7/30/1993	7/30/1993	7/30/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993
		BHAIC95T9307-70-15	BHAIC95T9307-71-05	BHAIC95T9307-71-10	BHAIC95T9307-71-15	BHAIC95T9308-72-05	BHAIC95T9308-72-10	BHAIC95T9308-72-15	BHAIC95T9308-73-10	BHAIC95T9308-73-15
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH70	95T93BH71	95T93BH71	95T93BH71	95T93BH72	95T93BH72	95T93BH72	95T93BH73	95T93BH73
		7/29/1993	7/30/1993	7/30/1993	7/30/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993
		BHAIC95T9307-70-15	BHAIC95T9307-71-05	BHAIC95T9307-71-10	BHAIC95T9307-71-15	BHAIC95T9308-72-05	BHAIC95T9308-72-10	BHAIC95T9308-72-15	BHAIC95T9308-73-10	BHAIC95T9308-73-15
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH70	95T93BH71	95T93BH71	95T93BH71	95T93BH72	95T93BH72	95T93BH72	95T93BH73	95T93BH73
		7/29/1993	7/30/1993	7/30/1993	7/30/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993
		BHAIC95T9307-70-15	BHAIC95T9307-71-05	BHAIC95T9307-71-10	BHAIC95T9307-71-15	BHAIC95T9308-72-05	BHAIC95T9308-72-10	BHAIC95T9308-72-15	BHAIC95T9308-73-10	BHAIC95T9308-73-15
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH70	95T93BH71	95T93BH71	95T93BH71	95T93BH72	95T93BH72	95T93BH72	95T93BH73	95T93BH73
		7/29/1993	7/30/1993	7/30/1993	7/30/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993
		BHAIC95T9307-70-15	BHAIC95T9307-71-05	BHAIC95T9307-71-10	BHAIC95T9307-71-15	BHAIC95T9308-72-05	BHAIC95T9308-72-10	BHAIC95T9308-72-15	BHAIC95T9308-73-10	BHAIC95T9308-73-15
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
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PCB-030										
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PCB-036										
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PCB-042										
PCB-043										
PCB-044										
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PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH70	95T93BH71	95T93BH71	95T93BH71	95T93BH72	95T93BH72	95T93BH72	95T93BH73	95T93BH73
		7/29/1993	7/30/1993	7/30/1993	7/30/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993
		BHAIC95T9307-70-15	BHAIC95T9307-71-05	BHAIC95T9307-71-10	BHAIC95T9307-71-15	BHAIC95T9308-72-05	BHAIC95T9308-72-10	BHAIC95T9308-72-15	BHAIC95T9308-73-10	BHAIC95T9308-73-15
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH70	95T93BH71	95T93BH71	95T93BH71	95T93BH72	95T93BH72	95T93BH72	95T93BH73	95T93BH73
		7/29/1993	7/30/1993	7/30/1993	7/30/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993
		BHAIC95T9307-70-15	BHAIC95T9307-71-05	BHAIC95T9307-71-10	BHAIC95T9307-71-15	BHAIC95T9308-72-05	BHAIC95T9308-72-10	BHAIC95T9308-72-15	BHAIC95T9308-73-10	BHAIC95T9308-73-15
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH70	95T93BH71	95T93BH71	95T93BH71	95T93BH72	95T93BH72	95T93BH72	95T93BH73	95T93BH73
		7/29/1993	7/30/1993	7/30/1993	7/30/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993
		BHAIC95T9307-70-15	BHAIC95T9307-71-05	BHAIC95T9307-71-10	BHAIC95T9307-71-15	BHAIC95T9308-72-05	BHAIC95T9308-72-10	BHAIC95T9308-72-15	BHAIC95T9308-73-10	BHAIC95T9308-73-15
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH70	95T93BH71	95T93BH71	95T93BH71	95T93BH72	95T93BH72	95T93BH72	95T93BH73	95T93BH73
		7/29/1993	7/30/1993	7/30/1993	7/30/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993	8/5/1993
		BHAIC95T9307-70-15	BHAIC95T9307-71-05	BHAIC95T9307-71-10	BHAIC95T9307-71-15	BHAIC95T9308-72-05	BHAIC95T9308-72-10	BHAIC95T9308-72-15	BHAIC95T9308-73-10	BHAIC95T9308-73-15
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH74	95T96BH01	95T96BH01	95T96BH01	95T96BH02	95T96BH02	95T96BH03	95T96BH03	95T96BH04
		8/5/1993	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/10/1996	7/10/1996	10/30/1996
		BHAIC95T9308-74-10	BHAIC95T9607-01-05	BHAIC95T9607-01-10	BHAIC95T9607-01-15	BHAIC95T9607-02-06	BHAIC95T9607-02-11	BHAIC95T9607-03-06	BHAIC95T9607-03-11	BHAIC95T9610-04-05
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH74	95T96BH01	95T96BH01	95T96BH01	95T96BH02	95T96BH02	95T96BH03	95T96BH03	95T96BH04
		8/5/1993	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/10/1996	7/10/1996	10/30/1996
		BHAIC95T9308-74-10	BHAIC95T9607-01-05	BHAIC95T9607-01-10	BHAIC95T9607-01-15	BHAIC95T9607-02-06	BHAIC95T9607-02-11	BHAIC95T9607-03-06	BHAIC95T9607-03-11	BHAIC95T9610-04-05
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH74	95T96BH01	95T96BH01	95T96BH01	95T96BH02	95T96BH02	95T96BH03	95T96BH03	95T96BH04
		8/5/1993	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/10/1996	7/10/1996	10/30/1996
		BHAIC95T9308-74-10	BHAIC95T9607-01-05	BHAIC95T9607-01-10	BHAIC95T9607-01-15	BHAIC95T9607-02-06	BHAIC95T9607-02-11	BHAIC95T9607-03-06	BHAIC95T9607-03-11	BHAIC95T9610-04-05
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH74	95T96BH01	95T96BH01	95T96BH01	95T96BH02	95T96BH02	95T96BH03	95T96BH03	95T96BH04
		8/5/1993	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/10/1996	7/10/1996	10/30/1996
		BHAIC95T9308-74-10	BHAIC95T9607-01-05	BHAIC95T9607-01-10	BHAIC95T9607-01-15	BHAIC95T9607-02-06	BHAIC95T9607-02-11	BHAIC95T9607-03-06	BHAIC95T9607-03-11	BHAIC95T9610-04-05
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 0.035	< 0.033	< 0.033	< 0.33	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1221	11104-28-2	< 1	< 0.035	< 0.033	< 0.033	< 0.33	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1232	11141-16-5	< 1	< 0.035	< 0.033	< 0.033	< 0.33	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1242	53469-21-9	< 1	< 0.035	< 0.033	< 0.033	< 0.33	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1248	12672-29-6	< 1	< 0.035	< 0.033	< 0.033	< 0.33	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1254	11097-69-1	< 1	< 0.035	< 0.033	< 0.033	< 0.33	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1260	11096-82-5	< 1	< 0.035	< 0.033	< 0.033	< 0.33	< 0.033	< 0.033	< 0.033	< 0.033
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH74	95T96BH01	95T96BH01	95T96BH01	95T96BH02	95T96BH02	95T96BH03	95T96BH03	95T96BH04
		8/5/1993	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/10/1996	7/10/1996	10/30/1996
		BHAIC95T9308-74-10	BHAIC95T9607-01-05	BHAIC95T9607-01-10	BHAIC95T9607-01-15	BHAIC95T9607-02-06	BHAIC95T9607-02-11	BHAIC95T9607-03-06	BHAIC95T9607-03-11	BHAIC95T9610-04-05
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
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PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
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PCB-052										
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PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH74	95T96BH01	95T96BH01	95T96BH01	95T96BH02	95T96BH02	95T96BH03	95T96BH03	95T96BH04
		8/5/1993	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/10/1996	7/10/1996	10/30/1996
		BHAIC95T9308-74-10	BHAIC95T9607-01-05	BHAIC95T9607-01-10	BHAIC95T9607-01-15	BHAIC95T9607-02-06	BHAIC95T9607-02-11	BHAIC95T9607-03-06	BHAIC95T9607-03-11	BHAIC95T9610-04-05
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
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PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
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PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH74	95T96BH01	95T96BH01	95T96BH01	95T96BH02	95T96BH02	95T96BH03	95T96BH03	95T96BH04
		8/5/1993	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/10/1996	7/10/1996	10/30/1996
		BHAIC95T9308-74-10	BHAIC95T9607-01-05	BHAIC95T9607-01-10	BHAIC95T9607-01-15	BHAIC95T9607-02-06	BHAIC95T9607-02-11	BHAIC95T9607-03-06	BHAIC95T9607-03-11	BHAIC95T9610-04-05
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
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PCB-137										
PCB-138										
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PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH74	95T96BH01	95T96BH01	95T96BH01	95T96BH02	95T96BH02	95T96BH03	95T96BH03	95T96BH04
		8/5/1993	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/10/1996	7/10/1996	10/30/1996
		BHAIC95T9308-74-10	BHAIC95T9607-01-05	BHAIC95T9607-01-10	BHAIC95T9607-01-15	BHAIC95T9607-02-06	BHAIC95T9607-02-11	BHAIC95T9607-03-06	BHAIC95T9607-03-11	BHAIC95T9610-04-05
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
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PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T93BH74	95T96BH01	95T96BH01	95T96BH01	95T96BH02	95T96BH02	95T96BH03	95T96BH03	95T96BH04
		8/5/1993	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/9/1996	7/10/1996	7/10/1996	10/30/1996
		BHAIC95T9308-74-10	BHAIC95T9607-01-05	BHAIC95T9607-01-10	BHAIC95T9607-01-15	BHAIC95T9607-02-06	BHAIC95T9607-02-11	BHAIC95T9607-03-06	BHAIC95T9607-03-11	BHAIC95T9610-04-05
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T96BH04	95T96BH04	95T96BH05	95T96BH05	95T96BH05	95T98BH06	95T98BH06	95T98BH06	95TBC198BH01
		10/30/1996	10/30/1996	10/30/1996	10/30/1996	10/30/1996	7/8/1998	7/8/1998	7/8/1998	8/6/1998
		BHAIC95T9610-04-10	BHAIC95T9610-04-15	BHAIC95T9610-05-05	BHAIC95T9610-05-10	BHAIC95T9610-05-15	BHAIC95T9807-06-07	BHAIC95T9807-06-12	BHAIC95T9807-06-15	BH95TBC19808-01-06
VOCs										
Acetone	67-64-1								0.042	
Benzene	71-43-2								< 0.005	
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4								< 0.005	
Bromoform	75-25-2								< 0.005	
Bromomethane	74-83-9								< 0.005	
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0								< 0.01	
Carbon Tetrachloride	56-23-5								< 0.005	
Chlorobenzene	108-90-7								< 0.005	
Chloroethane	75-00-3								< 0.005	
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3								< 0.005	
Chloromethane	74-87-3								< 0.005	
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5								< 0.005	
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1								< 0.005	
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1								< 0.005	
Dichlorobenzene, 1,3-	541-73-1								< 0.005	
Dichlorobenzene, 1,4-	106-46-7								< 0.005	
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3								< 0.005	
Dichloroethane, 1,2-	107-06-2								< 0.005	
Dichloroethene, 1,1-	75-35-4								< 0.005	
Dichloroethene, 1,2- (Total)	540-59-0								< 0.005	
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5								< 0.005	
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6								< 0.005	
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T96BH04	95T96BH04	95T96BH05	95T96BH05	95T96BH05	95T98BH06	95T98BH06	95T98BH06	95TBC198BH01
		10/30/1996	10/30/1996	10/30/1996	10/30/1996	10/30/1996	7/8/1998	7/8/1998	7/8/1998	8/6/1998
		BHAIC95T9610-04-10	BHAIC95T9610-04-15	BHAIC95T9610-05-05	BHAIC95T9610-05-10	BHAIC95T9610-05-15	BHAIC95T9807-06-07	BHAIC95T9807-06-12	BHAIC95T9807-06-15	BH95TBC19808-01-06
Ethylbenzene	100-41-4								< 0.005	
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6								< 0.1	
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3								< 0.01	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1								< 0.01	
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2								0.0051	
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5								< 0.005	
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5								< 0.005	
Tetrachloroethene	127-18-4								< 0.005	
Toluene	108-88-3								0.0058	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6								< 0.005	
Trichloroethane, 1,1,2-	79-00-5								< 0.005	
Trichloroethene	79-01-6								< 0.005	
Trichlorofluoromethane	75-69-4								< 0.005	
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-									< 0.005	
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4								< 0.005	
Xylene, o-	95-47-6									
Xylenes	1330-20-7								< 0.005	
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T96BH04	95T96BH04	95T96BH05	95T96BH05	95T96BH05	95T98BH06	95T98BH06	95T98BH06	95TBC198BH01
		10/30/1996	10/30/1996	10/30/1996	10/30/1996	10/30/1996	7/8/1998	7/8/1998	7/8/1998	8/6/1998
		BHAIC95T9610-04-10	BHAIC95T9610-04-15	BHAIC95T9610-05-05	BHAIC95T9610-05-10	BHAIC95T9610-05-15	BHAIC95T9807-06-07	BHAIC95T9807-06-12	BHAIC95T9807-06-15	BH95TBC19808-01-06
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T96BH04	95T96BH04	95T96BH05	95T96BH05	95T96BH05	95T98BH06	95T98BH06	95T98BH06	95TBC198BH01
		10/30/1996	10/30/1996	10/30/1996	10/30/1996	10/30/1996	7/8/1998	7/8/1998	7/8/1998	8/6/1998
		BHAIC95T9610-04-10	BHAIC95T9610-04-15	BHAIC95T9610-05-05	BHAIC95T9610-05-10	BHAIC95T9610-05-15	BHAIC95T9807-06-07	BHAIC95T9807-06-12	BHAIC95T9807-06-15	BH95TBC19808-01-06
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1221	11104-28-2	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1232	11141-16-5	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1242	53469-21-9	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	0.035
Aroclor 1248	12672-29-6	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1254	11097-69-1	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1260	11096-82-5	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	0.063
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T96BH04	95T96BH04	95T96BH05	95T96BH05	95T96BH05	95T98BH06	95T98BH06	95T98BH06	95TBC198BH01
		10/30/1996	10/30/1996	10/30/1996	10/30/1996	10/30/1996	7/8/1998	7/8/1998	7/8/1998	8/6/1998
		BHAIC95T9610-04-10	BHAIC95T9610-04-15	BHAIC95T9610-05-05	BHAIC95T9610-05-10	BHAIC95T9610-05-15	BHAIC95T9807-06-07	BHAIC95T9807-06-12	BHAIC95T9807-06-15	BH95TBC19808-01-06
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
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PCB-018										
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PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T96BH04	95T96BH04	95T96BH05	95T96BH05	95T96BH05	95T98BH06	95T98BH06	95T98BH06	95TBC198BH01
		10/30/1996	10/30/1996	10/30/1996	10/30/1996	10/30/1996	7/8/1998	7/8/1998	7/8/1998	8/6/1998
		BHAIC95T9610-04-10	BHAIC95T9610-04-15	BHAIC95T9610-05-05	BHAIC95T9610-05-10	BHAIC95T9610-05-15	BHAIC95T9807-06-07	BHAIC95T9807-06-12	BHAIC95T9807-06-15	BH95TBC19808-01-06
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
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PCB-071										
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PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
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PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T96BH04	95T96BH04	95T96BH05	95T96BH05	95T96BH05	95T98BH06	95T98BH06	95T98BH06	95TBC198BH01
		10/30/1996	10/30/1996	10/30/1996	10/30/1996	10/30/1996	7/8/1998	7/8/1998	7/8/1998	8/6/1998
		BHAIC95T9610-04-10	BHAIC95T9610-04-15	BHAIC95T9610-05-05	BHAIC95T9610-05-10	BHAIC95T9610-05-15	BHAIC95T9807-06-07	BHAIC95T9807-06-12	BHAIC95T9807-06-15	BH95TBC19808-01-06
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
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PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T96BH04	95T96BH04	95T96BH05	95T96BH05	95T96BH05	95T98BH06	95T98BH06	95T98BH06	95TBC198BH01
		10/30/1996	10/30/1996	10/30/1996	10/30/1996	10/30/1996	7/8/1998	7/8/1998	7/8/1998	8/6/1998
		BHAIC95T9610-04-10	BHAIC95T9610-04-15	BHAIC95T9610-05-05	BHAIC95T9610-05-10	BHAIC95T9610-05-15	BHAIC95T9807-06-07	BHAIC95T9807-06-12	BHAIC95T9807-06-15	BH95TBC19808-01-06
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
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PCB-182										
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PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95T96BH04	95T96BH04	95T96BH05	95T96BH05	95T96BH05	95T98BH06	95T98BH06	95T98BH06	95TBC198BH01
		10/30/1996	10/30/1996	10/30/1996	10/30/1996	10/30/1996	7/8/1998	7/8/1998	7/8/1998	8/6/1998
		BHAIC95T9610-04-10	BHAIC95T9610-04-15	BHAIC95T9610-05-05	BHAIC95T9610-05-10	BHAIC95T9610-05-15	BHAIC95T9807-06-07	BHAIC95T9807-06-12	BHAIC95T9807-06-15	BH95TBC19808-01-06
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95TBC198BH01	95TBC298BH02	95TBC398BH03	95TBC498BH04	95TBC598BH05	95TBC698BH06	ACE92D20	ACE92D20	ACE92D21
		8/6/1998	8/6/1998	8/6/1998	10/15/1998	10/30/1998	10/30/1998	2/20/1992	2/20/1992	2/12/1992
		BH95TBC19808-01-12	BH95TBC29808-02-06	BH95TBC39808-03-06	BH95TBC49808-04-06	BH95TBC59810-05-06	BH95TBC69810-06-06	BHACED20-9202-20-05	BHACED20-9202-20-13	BHACED21-9202-21-05
VOCs										
Acetone	67-64-1							0.228	< 0	< 0
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0							< 0	< 0	< 0
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0							< 0	< 0	< 0
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95TBC198BH01	95TBC298BH02	95TBC398BH03	95TBC498BH04	95TBC598BH05	95TBC698BH06	ACE92D20	ACE92D20	ACE92D21
		8/6/1998	8/6/1998	8/6/1998	10/15/1998	10/30/1998	10/30/1998	2/20/1992	2/20/1992	2/12/1992
		BH95TBC19808-01-12	BH95TBC29808-02-06	BH95TBC39808-03-06	BH95TBC49808-04-06	BH95TBC59810-05-06	BH95TBC69810-06-06	BHACED20-9202-20-05	BHACED20-9202-20-13	BHACED21-9202-21-05
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3							0.327 J	< 0	< 0
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9							0.361 J	< 0	< 0
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7							0.223 J	< 0	< 0
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3							< 0	< 0	< 0
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2							< 0	< 0	< 0
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9							< 0	< 0	< 0

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95TBC198BH01	95TBC298BH02	95TBC398BH03	95TBC498BH04	95TBC598BH05	95TBC698BH06	ACE92D20	ACE92D20	ACE92D21
		8/6/1998	8/6/1998	8/6/1998	10/15/1998	10/30/1998	10/30/1998	2/20/1992	2/20/1992	2/12/1992
		BH95TBC19808-01-12	BH95TBC29808-02-06	BH95TBC39808-03-06	BH95TBC49808-04-06	BH95TBC59810-05-06	BH95TBC69810-06-06	BHACED20-9202-20-05	BHACED20-9202-20-13	BHACED21-9202-21-05
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7							< 0	< 0	< 0
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9							< 0	< 0	< 0
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9							0.127 J	< 0	< 0
Dibutyl Phthalate	84-74-2							< 0	< 0	< 0
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0							1.28	< 0	< 0
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6							0.164 J	< 0	0.896
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8							1.399	< 0	0.363 J

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95TBC198BH01	95TBC298BH02	95TBC398BH03	95TBC498BH04	95TBC598BH05	95TBC698BH06	ACE92D20	ACE92D20	ACE92D21
		8/6/1998	8/6/1998	8/6/1998	10/15/1998	10/30/1998	10/30/1998	2/20/1992	2/20/1992	2/12/1992
		BH95TBC19808-01-12	BH95TBC29808-02-06	BH95TBC39808-03-06	BH95TBC49808-04-06	BH95TBC59810-05-06	BH95TBC69810-06-06	BHACED20-9202-20-05	BHACED20-9202-20-13	BHACED21-9202-21-05
Phenol	108-95-2							1.124	< 0	< 0
Pyrene	129-00-0							1.11	< 0	< 0
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2							2.1	8.4	5.4
Barium	7440-39-3							69.5	201	209
Cadmium	7440-43-9							< 0	< 0	< 0
Calcium	7440-70-2							58700	3380	8960
Chromium, Total	7440-47-3							7.3	28.5	20.7
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6							4730	22700	22000
Lead	7439-92-1							48.6	16.2	16.2
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6							< 0	< 0	< 0
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2							< 0	< 0	0.38
Silver	7440-22-4							< 0	< 0	< 0
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.033	< 0.16	< 16	< 3.3	< 0.033	< 0.33			
Aroclor 1221	11104-28-2	< 0.033	< 0.16	< 16	< 3.3	< 0.033	< 0.33			
Aroclor 1232	11141-16-5	< 0.033	< 0.16	< 16	< 3.3	< 0.033	< 0.33			
Aroclor 1242	53469-21-9	0.056	2.5	29	16	0.28	0.67			
Aroclor 1248	12672-29-6	< 0.033	< 0.16	< 16	< 3.3	< 0.033	< 0.33			
Aroclor 1254	11097-69-1	< 0.033	< 0.16	< 16	< 3.3	< 0.033	< 0.33			
Aroclor 1260	11096-82-5	0.05	< 0.16	< 16	< 3.3	< 0.033	< 0.33			
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95TBC198BH01	95TBC298BH02	95TBC398BH03	95TBC498BH04	95TBC598BH05	95TBC698BH06	ACE92D20	ACE92D20	ACE92D21
		8/6/1998	8/6/1998	8/6/1998	10/15/1998	10/30/1998	10/30/1998	2/20/1992	2/20/1992	2/12/1992
		BH95TBC19808-01-12	BH95TBC29808-02-06	BH95TBC39808-03-06	BH95TBC49808-04-06	BH95TBC59810-05-06	BH95TBC69810-06-06	BHACED20-9202-20-05	BHACED20-9202-20-13	BHACED21-9202-21-05
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
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PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95TBC198BH01	95TBC298BH02	95TBC398BH03	95TBC498BH04	95TBC598BH05	95TBC698BH06	ACE92D20	ACE92D20	ACE92D21
		8/6/1998	8/6/1998	8/6/1998	10/15/1998	10/30/1998	10/30/1998	2/20/1992	2/20/1992	2/12/1992
		BH95TBC19808-01-12	BH95TBC29808-02-06	BH95TBC39808-03-06	BH95TBC49808-04-06	BH95TBC59810-05-06	BH95TBC69810-06-06	BHACED20-9202-20-05	BHACED20-9202-20-13	BHACED21-9202-21-05
PCB-058										
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PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
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PCB-086										
PCB-087										
PCB-088										
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PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95TBC198BH01	95TBC298BH02	95TBC398BH03	95TBC498BH04	95TBC598BH05	95TBC698BH06	ACE92D20	ACE92D20	ACE92D21
		8/6/1998	8/6/1998	8/6/1998	10/15/1998	10/30/1998	10/30/1998	2/20/1992	2/20/1992	2/12/1992
		BH95TBC19808-01-12	BH95TBC29808-02-06	BH95TBC39808-03-06	BH95TBC49808-04-06	BH95TBC59810-05-06	BH95TBC69810-06-06	BHACED20-9202-20-05	BHACED20-9202-20-13	BHACED21-9202-21-05
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
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PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95TBC198BH01	95TBC298BH02	95TBC398BH03	95TBC498BH04	95TBC598BH05	95TBC698BH06	ACE92D20	ACE92D20	ACE92D21
		8/6/1998	8/6/1998	8/6/1998	10/15/1998	10/30/1998	10/30/1998	2/20/1992	2/20/1992	2/12/1992
		BH95TBC19808-01-12	BH95TBC29808-02-06	BH95TBC39808-03-06	BH95TBC49808-04-06	BH95TBC59810-05-06	BH95TBC69810-06-06	BHACED20-9202-20-05	BHACED20-9202-20-13	BHACED21-9202-21-05
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
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PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	95TBC198BH01	95TBC298BH02	95TBC398BH03	95TBC498BH04	95TBC598BH05	95TBC698BH06	ACE92D20	ACE92D20	ACE92D21
		8/6/1998	8/6/1998	8/6/1998	10/15/1998	10/30/1998	10/30/1998	2/20/1992	2/20/1992	2/12/1992
		BH95TBC19808-01-12	BH95TBC29808-02-06	BH95TBC39808-03-06	BH95TBC49808-04-06	BH95TBC59810-05-06	BH95TBC69810-06-06	BHACED20-9202-20-05	BHACED20-9202-20-13	BHACED21-9202-21-05
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D21	ACE92D22	ACE92D22	ACE92D23	ACE92D23	ACE92D24	ACE92D24	ACE92D25	ACE92D25
		2/12/1992	2/10/1992	2/10/1992	2/6/1992	2/6/1992	2/7/1992	2/7/1992	2/11/1992	2/11/1992
		BHACED21-9202-21-13	BHACED22-9202-22-07	BHACED22-9202-22-13	BHACED23-9202-23-02	BHACED23-9202-23-09	BHACED24-9202-24-05	BHACED24-9202-24-10	BHACED25-9202-25-07	BHACED25-9202-25-13
VOCs										
Acetone	67-64-1	0.182	< 0	< 0	< 0	< 0	0.345	< 0	< 0	1.047
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D21	ACE92D22	ACE92D22	ACE92D23	ACE92D23	ACE92D24	ACE92D24	ACE92D25	ACE92D25
		2/12/1992	2/10/1992	2/10/1992	2/6/1992	2/6/1992	2/7/1992	2/7/1992	2/11/1992	2/11/1992
		BHACED21-9202-21-13	BHACED22-9202-22-07	BHACED22-9202-22-13	BHACED23-9202-23-02	BHACED23-9202-23-09	BHACED24-9202-24-05	BHACED24-9202-24-10	BHACED25-9202-25-07	BHACED25-9202-25-13
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7	< 0	< 0	0.045 J	< 0	< 0	0.192	< 0	< 0	< 0
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3	< 0	< 0	< 0	< 0	0.141 J	1.076	< 0	< 0	< 0
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2	< 0	< 0	< 0	< 0	< 0	1.213	< 0	< 0	< 0
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9	< 0	< 0	< 0	< 0	< 0	0.336	< 0	< 0	< 0

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D21	ACE92D22	ACE92D22	ACE92D23	ACE92D23	ACE92D24	ACE92D24	ACE92D25	ACE92D25
		2/12/1992	2/10/1992	2/10/1992	2/6/1992	2/6/1992	2/7/1992	2/7/1992	2/11/1992	2/11/1992
		BHACED21-9202-21-13	BHACED22-9202-22-07	BHACED22-9202-22-13	BHACED23-9202-23-02	BHACED23-9202-23-09	BHACED24-9202-24-05	BHACED24-9202-24-10	BHACED25-9202-25-07	BHACED25-9202-25-13
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7	< 0	< 0	0.419	< 0	< 0	< 0	< 0	< 0	< 0
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9	< 0	< 0	0.084 J	< 0	< 0	1.108	< 0	< 0	< 0
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Dibutyl Phthalate	84-74-2	0.86	0.08 J	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0	< 0	< 0	0.249 J	< 0	0.378 J	< 0	< 0	< 0	< 0
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8	< 0	< 0	0.176 J	< 0	0.171 J	1.102	< 0	< 0	< 0

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D21	ACE92D22	ACE92D22	ACE92D23	ACE92D23	ACE92D24	ACE92D24	ACE92D25	ACE92D25
		2/12/1992	2/10/1992	2/10/1992	2/6/1992	2/6/1992	2/7/1992	2/7/1992	2/11/1992	2/11/1992
		BHACED21-9202-21-13	BHACED22-9202-22-07	BHACED22-9202-22-13	BHACED23-9202-23-02	BHACED23-9202-23-09	BHACED24-9202-24-05	BHACED24-9202-24-10	BHACED25-9202-25-07	BHACED25-9202-25-13
Phenol	108-95-2	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Pyrene	129-00-0	< 0	< 0	0.199 J	< 0	0.296 J	2.385	< 0	< 0	< 0
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2	5.4	7.7	1.9	7.2	6.5	7.5	7.6	6.4	6.1
Barium	7440-39-3	209	153	157	202	124	226	181	189	175
Cadmium	7440-43-9	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Calcium	7440-70-2	4470	3680	3480	3710	8140	4260	3500	3640	3510
Chromium, Total	7440-47-3	19.7	18.5	17.2	18.3	20.9	18.7	22.8	17.8	16.4
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6	19600	20200	18500	18900	18500	20000	20400	21500	18800
Lead	7439-92-1	14.5	14.4	13.2	13.1	17.2	13.4	13.3	11.6	14.3
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	< 0	< 0	< 0	< 0	0.78	< 0	0.29	< 0	< 0
Silver	7440-22-4	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D21	ACE92D22	ACE92D22	ACE92D23	ACE92D23	ACE92D24	ACE92D24	ACE92D25	ACE92D25
		2/12/1992	2/10/1992	2/10/1992	2/6/1992	2/6/1992	2/7/1992	2/7/1992	2/11/1992	2/11/1992
		BHACED21-9202-21-13	BHACED22-9202-22-07	BHACED22-9202-22-13	BHACED23-9202-23-02	BHACED23-9202-23-09	BHACED24-9202-24-05	BHACED24-9202-24-10	BHACED25-9202-25-07	BHACED25-9202-25-13
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
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PCB-049										
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PCB-051										
PCB-052										
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PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D21	ACE92D22	ACE92D22	ACE92D23	ACE92D23	ACE92D24	ACE92D24	ACE92D25	ACE92D25
		2/12/1992	2/10/1992	2/10/1992	2/6/1992	2/6/1992	2/7/1992	2/7/1992	2/11/1992	2/11/1992
		BHACED21-9202-21-13	BHACED22-9202-22-07	BHACED22-9202-22-13	BHACED23-9202-23-02	BHACED23-9202-23-09	BHACED24-9202-24-05	BHACED24-9202-24-10	BHACED25-9202-25-07	BHACED25-9202-25-13
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
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PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D21	ACE92D22	ACE92D22	ACE92D23	ACE92D23	ACE92D24	ACE92D24	ACE92D25	ACE92D25
		2/12/1992	2/10/1992	2/10/1992	2/6/1992	2/6/1992	2/7/1992	2/7/1992	2/11/1992	2/11/1992
		BHACED21-9202-21-13	BHACED22-9202-22-07	BHACED22-9202-22-13	BHACED23-9202-23-02	BHACED23-9202-23-09	BHACED24-9202-24-05	BHACED24-9202-24-10	BHACED25-9202-25-07	BHACED25-9202-25-13
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D21	ACE92D22	ACE92D22	ACE92D23	ACE92D23	ACE92D24	ACE92D24	ACE92D25	ACE92D25
		2/12/1992	2/10/1992	2/10/1992	2/6/1992	2/6/1992	2/7/1992	2/7/1992	2/11/1992	2/11/1992
		BHACED21-9202-21-13	BHACED22-9202-22-07	BHACED22-9202-22-13	BHACED23-9202-23-02	BHACED23-9202-23-09	BHACED24-9202-24-05	BHACED24-9202-24-10	BHACED25-9202-25-07	BHACED25-9202-25-13
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D21	ACE92D22	ACE92D22	ACE92D23	ACE92D23	ACE92D24	ACE92D24	ACE92D25	ACE92D25
		2/12/1992	2/10/1992	2/10/1992	2/6/1992	2/6/1992	2/7/1992	2/7/1992	2/11/1992	2/11/1992
		BHACED21-9202-21-13	BHACED22-9202-22-07	BHACED22-9202-22-13	BHACED23-9202-23-02	BHACED23-9202-23-09	BHACED24-9202-24-05	BHACED24-9202-24-10	BHACED25-9202-25-07	BHACED25-9202-25-13
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D26	ACE92D26	ACE92D27	ACE92D27	ACE92D28	ACE92D29	ACE92D29	ACE92D29	ACE92D29
		2/13/1992	2/13/1992	2/11/1992	2/11/1992	2/18/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992
		BHACED26-9202-26-06	BHACED26-9202-26-14	BHACED27-9202-27-03	BHACED27-9202-27-11	BHACED28-9202-28-05	BHACED29-9202-29-02	BHACED29-9202-29-09	BHACED29-9202-29-10	BHACED29-9202-29-14
VOCs										
Acetone	67-64-1	< 0	< 0	< 0	< 0	< 0	< 0	0.842	0.605	< 0
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D26	ACE92D26	ACE92D27	ACE92D27	ACE92D28	ACE92D29	ACE92D29	ACE92D29	ACE92D29
		2/13/1992	2/13/1992	2/11/1992	2/11/1992	2/18/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992
		BHACED26-9202-26-06	BHACED26-9202-26-14	BHACED27-9202-27-03	BHACED27-9202-27-11	BHACED28-9202-28-05	BHACED29-9202-29-02	BHACED29-9202-29-09	BHACED29-9202-29-10	BHACED29-9202-29-14
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3	< 0	< 0	< 0	< 0	< 0	< 0	0.107 J	< 0	< 0
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3	< 0	< 0	< 0	< 0	< 0	< 0	0.109 J	< 0	< 0
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D26	ACE92D26	ACE92D27	ACE92D27	ACE92D28	ACE92D29	ACE92D29	ACE92D29	ACE92D29
		2/13/1992	2/13/1992	2/11/1992	2/11/1992	2/18/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992
		BHACED26-9202-26-06	BHACED26-9202-26-14	BHACED27-9202-27-03	BHACED27-9202-27-11	BHACED28-9202-28-05	BHACED29-9202-29-02	BHACED29-9202-29-09	BHACED29-9202-29-10	BHACED29-9202-29-14
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9	< 0	< 0	< 0	< 0	< 0	< 0	0.138 J	< 0	< 0
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9	< 0	< 0	< 0	< 0	< 0	< 0	0.094 J	< 0	< 0
Dibutyl Phthalate	84-74-2	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0	0.118 J	< 0	< 0	< 0	< 0	< 0	0.22 J	0.098 J	< 0
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6	< 0	< 0	< 0	< 0	< 0	< 0	0.26 J	< 0	< 0
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8	0.09 J	< 0	< 0	< 0	< 0	< 0	< 0	0.059 J	< 0

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D26	ACE92D26	ACE92D27	ACE92D27	ACE92D28	ACE92D29	ACE92D29	ACE92D29	ACE92D29
		2/13/1992	2/13/1992	2/11/1992	2/11/1992	2/18/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992
		BHACED26-9202-26-06	BHACED26-9202-26-14	BHACED27-9202-27-03	BHACED27-9202-27-11	BHACED28-9202-28-05	BHACED29-9202-29-02	BHACED29-9202-29-09	BHACED29-9202-29-10	BHACED29-9202-29-14
Phenol	108-95-2	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Pyrene	129-00-0	0.113 J	< 0	< 0	< 0	< 0	< 0	0.209 J	0.08 J	< 0
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2	3.9	3.6	5.5	3.8	5.9	6.9	6	4.7	4.5
Barium	7440-39-3	131	136	159	167	158	218	169	182	150
Cadmium	7440-43-9	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Calcium	7440-70-2	4490	3340	3940	4310	3370	3990	3680	4000	3620
Chromium, Total	7440-47-3	9.2	11.1	19.2	13.4	20.2	20.7	17.5	16.5	15.9
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6	10400	10800	19500	13900	19700	21800	19700	15500	16100
Lead	7439-92-1	15.2	13.2	15.9	18.1	14.8	12.2	22.7	15.1	14.1
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	< 0	< 0	< 0	0.31	< 0	< 0	0.32	0.44	< 0
Silver	7440-22-4	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D26	ACE92D26	ACE92D27	ACE92D27	ACE92D28	ACE92D29	ACE92D29	ACE92D29	ACE92D29
		2/13/1992	2/13/1992	2/11/1992	2/11/1992	2/18/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992
		BHACED26-9202-26-06	BHACED26-9202-26-14	BHACED27-9202-27-03	BHACED27-9202-27-11	BHACED28-9202-28-05	BHACED29-9202-29-02	BHACED29-9202-29-09	BHACED29-9202-29-10	BHACED29-9202-29-14
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D26	ACE92D26	ACE92D27	ACE92D27	ACE92D28	ACE92D29	ACE92D29	ACE92D29	ACE92D29
		2/13/1992	2/13/1992	2/11/1992	2/11/1992	2/18/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992
		BHACED26-9202-26-06	BHACED26-9202-26-14	BHACED27-9202-27-03	BHACED27-9202-27-11	BHACED28-9202-28-05	BHACED29-9202-29-02	BHACED29-9202-29-09	BHACED29-9202-29-10	BHACED29-9202-29-14
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D26	ACE92D26	ACE92D27	ACE92D27	ACE92D28	ACE92D29	ACE92D29	ACE92D29	ACE92D29
		2/13/1992	2/13/1992	2/11/1992	2/11/1992	2/18/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992
		BHACED26-9202-26-06	BHACED26-9202-26-14	BHACED27-9202-27-03	BHACED27-9202-27-11	BHACED28-9202-28-05	BHACED29-9202-29-02	BHACED29-9202-29-09	BHACED29-9202-29-10	BHACED29-9202-29-14
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
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PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D26	ACE92D26	ACE92D27	ACE92D27	ACE92D28	ACE92D29	ACE92D29	ACE92D29	ACE92D29
		2/13/1992	2/13/1992	2/11/1992	2/11/1992	2/18/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992
		BHACED26-9202-26-06	BHACED26-9202-26-14	BHACED27-9202-27-03	BHACED27-9202-27-11	BHACED28-9202-28-05	BHACED29-9202-29-02	BHACED29-9202-29-09	BHACED29-9202-29-10	BHACED29-9202-29-14
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
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PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE92D26	ACE92D26	ACE92D27	ACE92D27	ACE92D28	ACE92D29	ACE92D29	ACE92D29	ACE92D29
		2/13/1992	2/13/1992	2/11/1992	2/11/1992	2/18/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992
		BHACED26-9202-26-06	BHACED26-9202-26-14	BHACED27-9202-27-03	BHACED27-9202-27-11	BHACED28-9202-28-05	BHACED29-9202-29-02	BHACED29-9202-29-09	BHACED29-9202-29-10	BHACED29-9202-29-14
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE95BH01	ACE95BH01	ACE95BH01	ACE95BH02	ACE95BH02	ACE95BH02	ACE95BH03	ACE95BH03	ACE95BH03
		10/18/1995	10/18/1995	10/18/1995	10/19/1995	10/19/1995	10/19/1995	10/26/1995	10/26/1995	10/26/1995
		BHACESB19510-01-03	BHACESB19510-01-08	BHACESB19510-01-13	BHACESB29510-02-03	BHACESB29510-02-08	BHACESB29510-02-13	BHACESB39510-03-03	BHACESB39510-03-08	BHACESB39510-03-13
VOCs										
Acetone	67-64-1	1.9 JD	0.27 JD	0.87 D	< 0.117	2.9 JD	1.2 JD	0.17	0.37 JD	0.4 JD
Benzene	71-43-2	0.0059 J	< 0.00628	< 0.00644						
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE95BH01	ACE95BH01	ACE95BH01	ACE95BH02	ACE95BH02	ACE95BH02	ACE95BH03	ACE95BH03	ACE95BH03
		10/18/1995	10/18/1995	10/18/1995	10/19/1995	10/19/1995	10/19/1995	10/26/1995	10/26/1995	10/26/1995
		BHACESB19510-01-03	BHACESB19510-01-08	BHACESB19510-01-13	BHACESB29510-02-03	BHACESB29510-02-08	BHACESB29510-02-13	BHACESB39510-03-03	BHACESB39510-03-08	BHACESB39510-03-13
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.0045 J	0.027 J	< 0.129	< 0.117	0.035 J	< 0.132			
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2				< 0.0587	0.011 JF	0.012 JF			
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				< 0.0235	0.062 JD	0.05 JD			
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9				0.21 J	< 0.416	< 0.436			
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7	0.21 J	< 0.415	< 0.425	0.51	< 0.416	< 0.436			
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3	0.66	< 0.415	< 0.425	1.3	< 0.416	< 0.436			
Benzo[a]pyrene	50-32-8	0.41	< 0.415	< 0.425	0.91	< 0.416	< 0.436			
Benzo[b]fluoranthene	205-99-2	0.54	< 0.415	< 0.425	1.7	< 0.416	< 0.436			
Benzo[g,h,i]perylene	191-24-2				0.53	< 0.416	< 0.436			
Benzo[k]fluoranthene	207-08-9	0.63	< 0.415	< 0.425						

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE95BH01	ACE95BH01	ACE95BH01	ACE95BH02	ACE95BH02	ACE95BH02	ACE95BH03	ACE95BH03	ACE95BH03
		10/18/1995	10/18/1995	10/18/1995	10/19/1995	10/19/1995	10/19/1995	10/26/1995	10/26/1995	10/26/1995
		BHACESB19510-01-03	BHACESB19510-01-08	BHACESB19510-01-13	BHACESB29510-02-03	BHACESB29510-02-08	BHACESB29510-02-13	BHACESB39510-03-03	BHACESB39510-03-08	BHACESB39510-03-13
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7				< 0.387	< 0.416	< 0.436	< 0.053	< 0.071	< 0.06
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7							< 0.413	< 0.022	< 0.033
Carbazole	86-74-8	0.13 J	< 0.415	< 0.425	0.33 J	< 0.416	< 0.436			
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9	0.41	< 0.415	< 0.425	1	< 0.416	< 0.436			
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9				0.1 J	< 0.416	< 0.436			
Dibutyl Phthalate	84-74-2	0.96 B	2.5 B	4.3 B	0.088 J	0.064 J	0.23 J	< 1.6	< 0.34	< 4.7
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0	1.5	< 0.415	< 0.425	2.8	< 0.416	< 0.436	0.039 J	< 0.427	< 0.44
Fluorene	86-73-7				0.27 J	< 0.416	< 0.436			
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5	0.19 J	< 0.415	< 0.425	0.48	< 0.416	< 0.436			
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8	0.94	< 0.415	< 0.425	2	< 0.416	< 0.436	0.021 J	< 0.427	< 0.44

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE95BH01	ACE95BH01	ACE95BH01	ACE95BH02	ACE95BH02	ACE95BH02	ACE95BH03	ACE95BH03	ACE95BH03
		10/18/1995	10/18/1995	10/18/1995	10/19/1995	10/19/1995	10/19/1995	10/26/1995	10/26/1995	10/26/1995
		BHACESB19510-01-03	BHACESB19510-01-08	BHACESB19510-01-13	BHACESB29510-02-03	BHACESB29510-02-08	BHACESB29510-02-13	BHACESB39510-03-03	BHACESB39510-03-08	BHACESB39510-03-13
Phenol	108-95-2									
Pyrene	129-00-0	1.4	< 0.415	< 0.425	2.4	< 0.416	< 0.436	0.024 J	< 0.427	< 0.44
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	7100	7030	6990	8490	9080	9240	5510	5610	5660
Arsenic	7440-38-2									
Barium	7440-39-3	142	184	134	164	169	203	150	140	144
Cadmium	7440-43-9	1	< 0.83	< 0.64	0.96	< 0.63	< 0.66			
Calcium	7440-70-2	4360	3190	3110	5520 J*	3820 J*	3530 J*	3700	3320	3800
Chromium, Total	7440-47-3	10.9	10.2	10.5	28.2	13.3	13.1	9.5 J*	32.4 j*	40.2 J*
Cobalt	7440-48-4	7.08	7.58	7.07	12	8.64	9.07	6.51	8.04	7.26
Copper	7440-50-8	14.9	11	10.9	26.9 J*	11.3 J*	11.1 J*	13.6	13.5	15.2
Cyanide	57-12-5									
Iron	7439-89-6	11400	11500	13500	13300 F	14200 F	14400 F	9900	10200	10000
Lead	7439-92-1	32.2	13.5	13.8	31	13.2	12.8	15	12	12
Magnesium	7439-95-4	1650	1760	1820	2020	2110	2150	1500	1550	1540
Manganese	7439-96-5	358	587	558	468	573	608	491	670	403
Mercury	7439-97-6	0.1	< 0.063	< 0.064						
Nickel	7440-02-0	16.2	16.9	16.1	27.3	18.8	20.6	13.8	16.2	16.3
Potassium	7440-09-7	1150	1000	910	1200	1600	1300	991	953	895
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5	130	180	174	147	196	204	218	587	695
Vanadium	NA	16	15.1	17.4	17.7	16.7	18.1	14.2	14.9	15.1
Zinc	7440-66-6	116	41	40.5	130 J*	49.3 J*	50 J*	44.3	39.6	43.4
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE95BH01	ACE95BH01	ACE95BH01	ACE95BH02	ACE95BH02	ACE95BH02	ACE95BH03	ACE95BH03	ACE95BH03
		10/18/1995	10/18/1995	10/18/1995	10/19/1995	10/19/1995	10/19/1995	10/26/1995	10/26/1995	10/26/1995
		BHACESB19510-01-03	BHACESB19510-01-08	BHACESB19510-01-13	BHACESB29510-02-03	BHACESB29510-02-08	BHACESB29510-02-13	BHACESB39510-03-03	BHACESB39510-03-08	BHACESB39510-03-13
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
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PCB-023										
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PCB-026										
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PCB-028										
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PCB-042										
PCB-043										
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PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE95BH01	ACE95BH01	ACE95BH01	ACE95BH02	ACE95BH02	ACE95BH02	ACE95BH03	ACE95BH03	ACE95BH03
		10/18/1995	10/18/1995	10/18/1995	10/19/1995	10/19/1995	10/19/1995	10/26/1995	10/26/1995	10/26/1995
		BHACESB19510-01-03	BHACESB19510-01-08	BHACESB19510-01-13	BHACESB29510-02-03	BHACESB29510-02-08	BHACESB29510-02-13	BHACESB39510-03-03	BHACESB39510-03-08	BHACESB39510-03-13
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
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PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE95BH01	ACE95BH01	ACE95BH01	ACE95BH02	ACE95BH02	ACE95BH02	ACE95BH03	ACE95BH03	ACE95BH03
		10/18/1995	10/18/1995	10/18/1995	10/19/1995	10/19/1995	10/19/1995	10/26/1995	10/26/1995	10/26/1995
		BHACESB19510-01-03	BHACESB19510-01-08	BHACESB19510-01-13	BHACESB29510-02-03	BHACESB29510-02-08	BHACESB29510-02-13	BHACESB39510-03-03	BHACESB39510-03-08	BHACESB39510-03-13
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
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PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE95BH01	ACE95BH01	ACE95BH01	ACE95BH02	ACE95BH02	ACE95BH02	ACE95BH03	ACE95BH03	ACE95BH03
		10/18/1995	10/18/1995	10/18/1995	10/19/1995	10/19/1995	10/19/1995	10/26/1995	10/26/1995	10/26/1995
		BHACESB19510-01-03	BHACESB19510-01-08	BHACESB19510-01-13	BHACESB29510-02-03	BHACESB29510-02-08	BHACESB29510-02-13	BHACESB39510-03-03	BHACESB39510-03-08	BHACESB39510-03-13
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	ACE95BH01	ACE95BH01	ACE95BH01	ACE95BH02	ACE95BH02	ACE95BH02	ACE95BH03	ACE95BH03	ACE95BH03
		10/18/1995	10/18/1995	10/18/1995	10/19/1995	10/19/1995	10/19/1995	10/26/1995	10/26/1995	10/26/1995
		BHACESB19510-01-03	BHACESB19510-01-08	BHACESB19510-01-13	BHACESB29510-02-03	BHACESB29510-02-08	BHACESB29510-02-13	BHACESB39510-03-03	BHACESB39510-03-08	BHACESB39510-03-13
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG4105BH01	BLDG4105BH03	BLDG5001DP01	BLDG5001DP01	BLDG5001DP02	BLDG5001DP02	BLDG5001DP03	BLDG5001DP03	BLDG5001DP04
		5/19/2005	5/19/2005	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001
		BHBLDG410505-01-12	BHBLDG410505-03-12	BHFUELAB0105-01-10	BHFUELAB0105-01-15	BHFUELAB0105-02-10	BHFUELAB0105-02-15	BHFUELAB0105-03-10	BHFUELAB0105-03-15	BHFUELAB0105-04-10
VOCs										
Acetone	67-64-1			< 0.02	< 0.02	< 0.02	0.13 B	0.062 B	0.28 B	0.1 B
Benzene	71-43-2	< 0.03	< 0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromoform	75-25-2			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	74-83-9			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobenzene	108-90-7			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroethane	75-00-3			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	74-87-3			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dibromoethane, 1,2-	106-93-4	< 0.03	< 0.03							
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1			0.066	0.088	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,2-	107-06-2	< 0.03	< 0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethene, 1,1-	75-35-4			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethene, 1,2- (Total)	540-59-0			0.71 E	0.7 E	0.027	0.72 E	0.011	0.0083	< 0.005
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diisopropyl Ether	108-20-3	< 1.6	< 1.7							
Ethyl tert Butyl Ether	637-92-3	< 0.16	< 0.17							

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG4105BH01	BLDG4105BH03	BLDG5001DP01	BLDG5001DP01	BLDG5001DP02	BLDG5001DP02	BLDG5001DP03	BLDG5001DP03	BLDG5001DP04
		5/19/2005	5/19/2005	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001
		BHBLDG410505-01-12	BHBLDG410505-03-12	BHFUELAB0105-01-10	BHFUELAB0105-01-15	BHFUELAB0105-02-10	BHFUELAB0105-02-15	BHFUELAB0105-03-10	BHFUELAB0105-03-15	BHFUELAB0105-04-10
Ethylbenzene	100-41-4	< 0.03	< 0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2			0.0062 B	< 0.005	< 0.005	< 0.005	0.0058 B	0.0071 B	< 0.005
Naphthalene	91-20-3	< 0.42	< 0.44							
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl alcohol	75-65-0	< 1.6	< 1.7							
Tertiary-Amyl-Methyl Ether	994-05-8	< 1.6	< 1.7							
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	127-18-4			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	108-88-3	< 0.03	< 0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethane, 1,1,2-	79-00-5			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethene	79-01-6			2.7	0.96	0.014	2.9 E	< 0.005	< 0.005	< 0.005
Trichlorofluoromethane	75-69-4			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4			0.01	0.012	< 0.005	0.024	< 0.005	< 0.005	< 0.005
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.064	< 0.067	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9	< 0.42	< 0.44							
Acenaphthylene	208-96-8	< 0.42	< 0.44							
Aniline	62-53-3									
Anthracene	120-12-7	< 0.42	< 0.44							
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3	< 0.42	< 0.44							
Benzo[a]pyrene	50-32-8	< 0.42	< 0.44							
Benzo[b]fluoranthene	205-99-2	< 0.42	< 0.44							
Benzo[g,h,i]perylene	191-24-2	< 0.42	< 0.44							
Benzo[k]fluoranthene	207-08-9	< 0.42	< 0.44							

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG4105BH01	BLDG4105BH03	BLDG5001DP01	BLDG5001DP01	BLDG5001DP02	BLDG5001DP02	BLDG5001DP03	BLDG5001DP03	BLDG5001DP04
		5/19/2005	5/19/2005	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001
		BHBLDG410505-01-12	BHBLDG410505-03-12	BHFUELAB0105-01-10	BHFUELAB0105-01-15	BHFUELAB0105-02-10	BHFUELAB0105-02-15	BHFUELAB0105-03-10	BHFUELAB0105-03-15	BHFUELAB0105-04-10
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9	< 0.42	< 0.44							
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3	< 0.42	< 0.44							
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0	0.92	< 0.44							
Fluorene	86-73-7	< 0.42	< 0.44							
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.42	< 0.44							
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8	0.76	< 0.44							

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG4105BH01	BLDG4105BH03	BLDG5001DP01	BLDG5001DP01	BLDG5001DP02	BLDG5001DP02	BLDG5001DP03	BLDG5001DP03	BLDG5001DP04
		5/19/2005	5/19/2005	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001
		BHBLDG410505-01-12	BHBLDG410505-03-12	BHFUELAB0105-01-10	BHFUELAB0105-01-15	BHFUELAB0105-02-10	BHFUELAB0105-02-15	BHFUELAB0105-03-10	BHFUELAB0105-03-15	BHFUELAB0105-04-10
Phenol	108-95-2									
Pyrene	129-00-0	0.8	< 0.44							
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1	16.5	25.8							
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Aroclor 1221	11104-28-2			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Aroclor 1232	11141-16-5			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Aroclor 1242	53469-21-9			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Aroclor 1248	12672-29-6			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Aroclor 1254	11097-69-1			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Aroclor 1260	11096-82-5			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG4105BH01	BLDG4105BH03	BLDG5001DP01	BLDG5001DP01	BLDG5001DP02	BLDG5001DP02	BLDG5001DP03	BLDG5001DP03	BLDG5001DP04
		5/19/2005	5/19/2005	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001
		BHBLDG410505-01-12	BHBLDG410505-03-12	BHFUELAB0105-01-10	BHFUELAB0105-01-15	BHFUELAB0105-02-10	BHFUELAB0105-02-15	BHFUELAB0105-03-10	BHFUELAB0105-03-15	BHFUELAB0105-04-10
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG4105BH01	BLDG4105BH03	BLDG5001DP01	BLDG5001DP01	BLDG5001DP02	BLDG5001DP02	BLDG5001DP03	BLDG5001DP03	BLDG5001DP04
		5/19/2005	5/19/2005	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001
		BHBLDG410505-01-12	BHBLDG410505-03-12	BHFUELAB0105-01-10	BHFUELAB0105-01-15	BHFUELAB0105-02-10	BHFUELAB0105-02-15	BHFUELAB0105-03-10	BHFUELAB0105-03-15	BHFUELAB0105-04-10
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG4105BH01	BLDG4105BH03	BLDG5001DP01	BLDG5001DP01	BLDG5001DP02	BLDG5001DP02	BLDG5001DP03	BLDG5001DP03	BLDG5001DP04
		5/19/2005	5/19/2005	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001
		BHBLDG410505-01-12	BHBLDG410505-03-12	BHFUELAB0105-01-10	BHFUELAB0105-01-15	BHFUELAB0105-02-10	BHFUELAB0105-02-15	BHFUELAB0105-03-10	BHFUELAB0105-03-15	BHFUELAB0105-04-10
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG4105BH01	BLDG4105BH03	BLDG5001DP01	BLDG5001DP01	BLDG5001DP02	BLDG5001DP02	BLDG5001DP03	BLDG5001DP03	BLDG5001DP04
		5/19/2005	5/19/2005	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001
		BHBLDG410505-01-12	BHBLDG410505-03-12	BHFUELAB0105-01-10	BHFUELAB0105-01-15	BHFUELAB0105-02-10	BHFUELAB0105-02-15	BHFUELAB0105-03-10	BHFUELAB0105-03-15	BHFUELAB0105-04-10
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG4105BH01	BLDG4105BH03	BLDG5001DP01	BLDG5001DP01	BLDG5001DP02	BLDG5001DP02	BLDG5001DP03	BLDG5001DP03	BLDG5001DP04
		5/19/2005	5/19/2005	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001	5/16/2001
		BHBLDG410505-01-12	BHBLDG410505-03-12	BHFUELAB0105-01-10	BHFUELAB0105-01-15	BHFUELAB0105-02-10	BHFUELAB0105-02-15	BHFUELAB0105-03-10	BHFUELAB0105-03-15	BHFUELAB0105-04-10
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5			< 9.9	< 9.7	< 10	< 9.9	< 9.8	< 9.1	730
Diesel Range Organics		< 30	< 30							
Fuel Oil				< 9.9	< 9.7	< 10	< 9.9	< 9.8	< 9.1	< 9.5
Gasoline Range Organics		< 6	< 7	< 5	< 5	7.7	< 5	< 5	< 5	15
Jet Fuel				< 9.9	< 9.7	< 10	< 9.9	< 9.8	< 9.1	< 9.5
Kerosene	8008-20-6			< 9.9	< 9.7	< 10	< 9.9	< 9.8	< 9.1	< 9.5
Mineral Spirits	64475-85-0			< 9.9	< 9.7	< 10	< 9.9	< 9.8	< 9.1	< 9.5
Motor Oil				< 9.9	< 9.7	< 10	< 9.9	< 9.8	< 9.1	< 9.5
Oil Range Hydrocarbons		< 30	< 30							
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP05	BLDG5001DP07	BLDG5001DP07	BLDG5001DP08	BLDG5001DP08	BLDG5002DP01	BLDG5002DP02
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	9/30/2002	9/30/2002
		BHFUELAB0105-04-15	BHFUELAB0105-05-10	BHFUELAB0105-05-15	BHFUELAB0105-07-10	BHFUELAB0105-07-14	BHFUELAB0105-08-10	BHFUELAB0105-08-15	DPBLDG500209-01-05	DPBLDG500209-02-05
VOCs										
Acetone	67-64-1	2.8 B	0.053 B	0.028 B	0.04 B	0.034 B	0.029 B	0.025 B		
Benzene	71-43-2	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Bromoform	75-25-2	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Bromomethane	74-83-9	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Carbon Tetrachloride	56-23-5	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chlorobenzene	108-90-7	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chloroethane	75-00-3	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chloromethane	74-87-3	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichlorobenzene, 1,3-	541-73-1	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichlorobenzene, 1,4-	106-46-7	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichloroethane, 1,2-	107-06-2	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichloroethene, 1,1-	75-35-4	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichloroethene, 1,2- (Total)	540-59-0	< 0.62	< 0.005	0.023	< 0.005	< 0.005	< 0.005	< 0.005		
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP05	BLDG5001DP07	BLDG5001DP07	BLDG5001DP08	BLDG5001DP08	BLDG5002DP01	BLDG5002DP02
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	9/30/2002	9/30/2002
		BHFUELAB0105-04-15	BHFUELAB0105-05-10	BHFUELAB0105-05-15	BHFUELAB0105-07-10	BHFUELAB0105-07-14	BHFUELAB0105-08-10	BHFUELAB0105-08-15	DPBLDG500209-01-05	DPBLDG500209-02-05
Ethylbenzene	100-41-4	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 12	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	0.82 B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Tetrachloroethene	127-18-4	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Toluene	108-88-3	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Trichloroethane, 1,1,2-	79-00-5	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Trichloroethene	79-01-6	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	0.049	0.042	< 0.002	0.0051
Trichlorofluoromethane	75-69-4	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 0.62	< 0.005	0.011	< 0.005	< 0.005	< 0.005	< 0.005		
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP05	BLDG5001DP07	BLDG5001DP07	BLDG5001DP08	BLDG5001DP08	BLDG5002DP01	BLDG5002DP02
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	9/30/2002	9/30/2002
		BHFUELAB0105-04-15	BHFUELAB0105-05-10	BHFUELAB0105-05-15	BHFUELAB0105-07-10	BHFUELAB0105-07-14	BHFUELAB0105-08-10	BHFUELAB0105-08-15	DPBLDG500209-01-05	DPBLDG500209-02-05
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP05	BLDG5001DP07	BLDG5001DP07	BLDG5001DP08	BLDG5001DP08	BLDG5002DP01	BLDG5002DP02
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	9/30/2002	9/30/2002
		BHFUELAB0105-04-15	BHFUELAB0105-05-10	BHFUELAB0105-05-15	BHFUELAB0105-07-10	BHFUELAB0105-07-14	BHFUELAB0105-08-10	BHFUELAB0105-08-15	DPBLDG500209-01-05	DPBLDG500209-02-05
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.2	< 0.19	< 0.18	< 0.18	< 0.16	< 0.19	< 0.18		
Aroclor 1221	11104-28-2	< 0.2	< 0.19	< 0.18	< 0.18	< 0.16	< 0.19	< 0.18		
Aroclor 1232	11141-16-5	< 0.2	< 0.19	< 0.18	< 0.18	< 0.16	< 0.19	< 0.18		
Aroclor 1242	53469-21-9	< 0.2	< 0.19	< 0.18	< 0.18	< 0.16	< 0.19	< 0.18		
Aroclor 1248	12672-29-6	< 0.2	< 0.19	< 0.18	< 0.18	< 0.16	< 0.19	< 0.18		
Aroclor 1254	11097-69-1	< 0.2	< 0.19	< 0.18	< 0.18	< 0.16	< 0.19	< 0.18		
Aroclor 1260	11096-82-5	< 0.2	< 0.19	< 0.18	< 0.18	< 0.16	< 0.19	< 0.18		
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP05	BLDG5001DP07	BLDG5001DP07	BLDG5001DP08	BLDG5001DP08	BLDG5002DP01	BLDG5002DP02
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	9/30/2002	9/30/2002
		BHFUELAB0105-04-15	BHFUELAB0105-05-10	BHFUELAB0105-05-15	BHFUELAB0105-07-10	BHFUELAB0105-07-14	BHFUELAB0105-08-10	BHFUELAB0105-08-15	DPBLDG500209-01-05	DPBLDG500209-02-05
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP05	BLDG5001DP07	BLDG5001DP07	BLDG5001DP08	BLDG5001DP08	BLDG5002DP01	BLDG5002DP02
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	9/30/2002	9/30/2002
		BHFUELAB0105-04-15	BHFUELAB0105-05-10	BHFUELAB0105-05-15	BHFUELAB0105-07-10	BHFUELAB0105-07-14	BHFUELAB0105-08-10	BHFUELAB0105-08-15	DPBLDG500209-01-05	DPBLDG500209-02-05
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP05	BLDG5001DP07	BLDG5001DP07	BLDG5001DP08	BLDG5001DP08	BLDG5002DP01	BLDG5002DP02
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	9/30/2002	9/30/2002
		BHFUELAB0105-04-15	BHFUELAB0105-05-10	BHFUELAB0105-05-15	BHFUELAB0105-07-10	BHFUELAB0105-07-14	BHFUELAB0105-08-10	BHFUELAB0105-08-15	DPBLDG500209-01-05	DPBLDG500209-02-05
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP05	BLDG5001DP07	BLDG5001DP07	BLDG5001DP08	BLDG5001DP08	BLDG5002DP01	BLDG5002DP02
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	9/30/2002	9/30/2002
		BHFUELAB0105-04-15	BHFUELAB0105-05-10	BHFUELAB0105-05-15	BHFUELAB0105-07-10	BHFUELAB0105-07-14	BHFUELAB0105-08-10	BHFUELAB0105-08-15	DPBLDG500209-01-05	DPBLDG500209-02-05
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5001DP04	BLDG5001DP05	BLDG5001DP05	BLDG5001DP07	BLDG5001DP07	BLDG5001DP08	BLDG5001DP08	BLDG5002DP01	BLDG5002DP02
		5/16/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	5/17/2001	9/30/2002	9/30/2002
		BHFUELAB0105-04-15	BHFUELAB0105-05-10	BHFUELAB0105-05-15	BHFUELAB0105-07-10	BHFUELAB0105-07-14	BHFUELAB0105-08-10	BHFUELAB0105-08-15	DPBLDG500209-01-05	DPBLDG500209-02-05
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5	110	< 10	< 9.9	< 9.8	< 10	< 9.9	< 9.8		
Diesel Range Organics										
Fuel Oil		< 9.8	< 10	< 9.9	< 9.8	< 10	< 9.9	< 9.8		
Gasoline Range Organics		32	< 4.9	< 5	10	16	< 4.9	< 5		
Jet Fuel		< 9.8	< 10	< 9.9	< 9.8	< 10	< 9.9	< 9.8		
Kerosene	8008-20-6	< 9.8	< 10	< 9.9	< 9.8	< 10	< 9.9	< 9.8		
Mineral Spirits	64475-85-0	< 9.8	< 10	< 9.9	< 9.8	< 10	< 9.9	< 9.8		
Motor Oil		< 9.8	< 10	< 9.9	< 9.8	< 10	< 9.9	< 9.8		
Oil Range Hydrocarbons										
TPH (Heavy)					45	90				
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP03	BLDG5002DP04	BLDG5002DP05	BLDG5002DP06	BLDG5002DP07	BLDG5002DP08	BLDG5002DP09	BLDG5002DP10	BLDG5002DP11
		9/30/2002	9/30/2002	9/30/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002
		DPBLDG500209-03-05	DPBLDG500209-04-05	DPBLDG500209-05-05	DPBLDG500210-06-10	DPBLDG500210-07-05	DPBLDG500210-08-10	DPBLDG500210-09-15	DPBLDG500210-10-05	DPBLDG500210-11-05
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP03	BLDG5002DP04	BLDG5002DP05	BLDG5002DP06	BLDG5002DP07	BLDG5002DP08	BLDG5002DP09	BLDG5002DP10	BLDG5002DP11
		9/30/2002	9/30/2002	9/30/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002
		DPBLDG500209-03-05	DPBLDG500209-04-05	DPBLDG500209-05-05	DPBLDG500210-06-10	DPBLDG500210-07-05	DPBLDG500210-08-10	DPBLDG500210-09-15	DPBLDG500210-10-05	DPBLDG500210-11-05
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 0.002	< 0.002	< 0.002	0.0074	< 0.002	< 0.002	0.44	< 0.002	< 0.002
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4									
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP03	BLDG5002DP04	BLDG5002DP05	BLDG5002DP06	BLDG5002DP07	BLDG5002DP08	BLDG5002DP09	BLDG5002DP10	BLDG5002DP11
		9/30/2002	9/30/2002	9/30/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002
		DPBLDG500209-03-05	DPBLDG500209-04-05	DPBLDG500209-05-05	DPBLDG500210-06-10	DPBLDG500210-07-05	DPBLDG500210-08-10	DPBLDG500210-09-15	DPBLDG500210-10-05	DPBLDG500210-11-05
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP03	BLDG5002DP04	BLDG5002DP05	BLDG5002DP06	BLDG5002DP07	BLDG5002DP08	BLDG5002DP09	BLDG5002DP10	BLDG5002DP11
		9/30/2002	9/30/2002	9/30/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002
		DPBLDG500209-03-05	DPBLDG500209-04-05	DPBLDG500209-05-05	DPBLDG500210-06-10	DPBLDG500210-07-05	DPBLDG500210-08-10	DPBLDG500210-09-15	DPBLDG500210-10-05	DPBLDG500210-11-05
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP03	BLDG5002DP04	BLDG5002DP05	BLDG5002DP06	BLDG5002DP07	BLDG5002DP08	BLDG5002DP09	BLDG5002DP10	BLDG5002DP11
		9/30/2002	9/30/2002	9/30/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002
		DPBLDG500209-03-05	DPBLDG500209-04-05	DPBLDG500209-05-05	DPBLDG500210-06-10	DPBLDG500210-07-05	DPBLDG500210-08-10	DPBLDG500210-09-15	DPBLDG500210-10-05	DPBLDG500210-11-05
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP03	BLDG5002DP04	BLDG5002DP05	BLDG5002DP06	BLDG5002DP07	BLDG5002DP08	BLDG5002DP09	BLDG5002DP10	BLDG5002DP11
		9/30/2002	9/30/2002	9/30/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002
		DPBLDG500209-03-05	DPBLDG500209-04-05	DPBLDG500209-05-05	DPBLDG500210-06-10	DPBLDG500210-07-05	DPBLDG500210-08-10	DPBLDG500210-09-15	DPBLDG500210-10-05	DPBLDG500210-11-05
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP03	BLDG5002DP04	BLDG5002DP05	BLDG5002DP06	BLDG5002DP07	BLDG5002DP08	BLDG5002DP09	BLDG5002DP10	BLDG5002DP11
		9/30/2002	9/30/2002	9/30/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002
		DPBLDG500209-03-05	DPBLDG500209-04-05	DPBLDG500209-05-05	DPBLDG500210-06-10	DPBLDG500210-07-05	DPBLDG500210-08-10	DPBLDG500210-09-15	DPBLDG500210-10-05	DPBLDG500210-11-05
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP03	BLDG5002DP04	BLDG5002DP05	BLDG5002DP06	BLDG5002DP07	BLDG5002DP08	BLDG5002DP09	BLDG5002DP10	BLDG5002DP11
		9/30/2002	9/30/2002	9/30/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002
		DPBLDG500209-03-05	DPBLDG500209-04-05	DPBLDG500209-05-05	DPBLDG500210-06-10	DPBLDG500210-07-05	DPBLDG500210-08-10	DPBLDG500210-09-15	DPBLDG500210-10-05	DPBLDG500210-11-05
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP03	BLDG5002DP04	BLDG5002DP05	BLDG5002DP06	BLDG5002DP07	BLDG5002DP08	BLDG5002DP09	BLDG5002DP10	BLDG5002DP11
		9/30/2002	9/30/2002	9/30/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002	10/1/2002
		DPBLDG500209-03-05	DPBLDG500209-04-05	DPBLDG500209-05-05	DPBLDG500210-06-10	DPBLDG500210-07-05	DPBLDG500210-08-10	DPBLDG500210-09-15	DPBLDG500210-10-05	DPBLDG500210-11-05
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP12	BLDG5002KP1	BLDG5002KP3	BLDG5002KP4	BLDG5002KP6	BLDG5004DP01	BLDG5004DP02	BLDG5004DP03	BLDG5004DP04
		10/1/2002	1/23/2002	1/24/2002	1/24/2002	1/25/2002	7/28/2004	7/28/2004	7/28/2004	7/28/2004
		DPBLDG500210-12-05	DPBLDG500201-P1-14	DPBLDG500201-P3-15	DPBLDG500201-P4-15	DPBLDG500201-P6-15	DPBLDG500407-01-03	DPBLDG500407-02-03	DPBLDG500407-03-03	DPBLDG500407-04-03
VOCs										
Acetone	67-64-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0054	< 0.0053	0.016	0.16
Benzene	71-43-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0014
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Bromochloromethane	74-97-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0014
Bromodichloromethane	75-27-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0011	< 0.0011	< 0.0012	< 0.0012
Bromoform	75-25-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.00088	< 0.00087	< 0.00092	< 0.00092
Bromomethane	74-83-9		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0015	< 0.0015	< 0.0016	< 0.0016
Butylbenzene, n-	104-51-8		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0015	< 0.0015	< 0.0016	< 0.0016
Butylbenzene, sec-	135-98-8		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0014	< 0.0014	< 0.0015	< 0.0015
Butylbenzene, tert-	98-06-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0014	< 0.0014	< 0.0015	< 0.0015
Carbon Disulfide	75-15-0		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0014	< 0.0014	< 0.0015	< 0.0015
Carbon Tetrachloride	56-23-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0014
Chlorobenzene	108-90-7		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Chloroethane	75-00-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Chloroethyl Vinyl Ether, 2-	110-75-8		< 0.01	< 0.01	< 0.01	< 0.01				
Chloroform	67-66-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0014
Chloromethane	74-87-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0014
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0015	< 0.0015	< 0.0016	< 0.0016
Chlorotoluene, p-	106-43-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0015	< 0.0015	< 0.0016	< 0.0016
cis-1,3-Dichloropropene	10061-01-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0014	< 0.0014	< 0.0015	< 0.0015
Dibromochloromethane	124-48-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.00092	< 0.00092	< 0.00097	< 0.00097
Dibromoethane, 1,2-	106-93-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.00096	< 0.00095	< 0.001	< 0.001
Dibromomethane (Methylene Bromide)	74-95-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Dichlorobenzene, 1,2-	95-50-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0015	< 0.0015	< 0.0016	< 0.0016
Dichlorobenzene, 1,3-	541-73-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0014	< 0.0014	< 0.0015	< 0.0015
Dichlorobenzene, 1,4-	106-46-7		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0014	< 0.0014	< 0.0015	< 0.0015
Dichlorodifluoromethane	75-71-8		< 0.01	< 0.01	< 0.01	< 0.01	< 0.00085	< 0.00085	< 0.00089	< 0.00091
Dichloroethane, 1,1-	75-34-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Dichloroethane, 1,2-	107-06-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0011	< 0.0011	< 0.0012	< 0.0012
Dichloroethene, 1,1-	75-35-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0015	< 0.0015	< 0.0016	< 0.0016
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0014
Dichloroethylene, 1,2-trans-	156-60-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0014
Dichloropropane, 1,2-	78-87-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Dichloropropane, 1,3-	142-28-9		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0011	< 0.0011	< 0.0012	< 0.0012
Dichloropropane, 2,2-	594-20-7		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Dichloropropene, 1,1-	563-58-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0014	< 0.0014	< 0.0015	< 0.0015
Dichloropropene, trans-1,3-	10061-02-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.00092	< 0.00092	< 0.00097	< 0.00097
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP12	BLDG5002KP1	BLDG5002KP3	BLDG5002KP4	BLDG5002KP6	BLDG5004DP01	BLDG5004DP02	BLDG5004DP03	BLDG5004DP04
		10/1/2002	1/23/2002	1/24/2002	1/24/2002	1/25/2002	7/28/2004	7/28/2004	7/28/2004	7/28/2004
		DPBLDG500210-12-05	DPBLDG500201-P1-14	DPBLDG500201-P3-15	DPBLDG500201-P4-15	DPBLDG500201-P6-15	DPBLDG500407-01-03	DPBLDG500407-02-03	DPBLDG500407-03-03	DPBLDG500407-04-03
Ethylbenzene	100-41-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Hexachlorobutadiene	87-68-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0016	< 0.0016	< 0.0017	< 0.0017
Hexanone, 2-	591-78-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Iodomethane	74-88-4		< 0.01	< 0.01	< 0.01	< 0.01				
Isopropylbenzene (Cumene)	98-82-8		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Isopropyltoluene, p-	99-87-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0015	< 0.0015	< 0.0016	< 0.0016
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0046	< 0.0045	< 0.0048	< 0.0049
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Methyl tert-Butyl Ether (MTBE)	1634-04-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Methylene Chloride	75-09-2		< 0.01	< 0.01	< 0.01	< 0.01	0.013	0.012	0.016	0.022
Naphthalene	91-20-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0015	< 0.0015	< 0.0016	< 0.0016
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0015	< 0.0015	< 0.0016	< 0.0016
Styrene	100-42-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0011	< 0.0011	< 0.0012	< 0.0012
Tetrachloroethene	127-18-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0014	< 0.0014	< 0.0015	< 0.0015
Toluene	108-88-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0018	< 0.0017	< 0.0018	< 0.0019
Trichlorobenzene, 1,2,4-	120-82-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0016	< 0.0016	< 0.0017	< 0.0017
Trichloroethane, 1,1,1-	71-55-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0014
Trichloroethane, 1,1,2-	79-00-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Trichloroethene	79-01-6	< 0.002	0.06	0.264	1.102	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0014
Trichlorofluoromethane	75-69-4						< 0.0016	< 0.0016	< 0.0017	< 0.0017
Trichloropropane, 1,2,3-	96-18-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0016	< 0.0016	< 0.0017	< 0.0017
Trimethylbenzene, 1,3,5-	108-67-8		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0015	< 0.0015	< 0.0016	< 0.0016
Vinyl Chloride	75-01-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0014
Xylene, o-	95-47-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Xylenes	1330-20-7									
Xylenes, m & p			< 0.01	< 0.01	< 0.01	< 0.01	< 0.0027	< 0.0027	< 0.0028	< 0.0028
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP12	BLDG5002KP1	BLDG5002KP3	BLDG5002KP4	BLDG5002KP6	BLDG5004DP01	BLDG5004DP02	BLDG5004DP03	BLDG5004DP04
		10/1/2002	1/23/2002	1/24/2002	1/24/2002	1/25/2002	7/28/2004	7/28/2004	7/28/2004	7/28/2004
		DPBLDG500210-12-05	DPBLDG500201-P1-14	DPBLDG500201-P3-15	DPBLDG500201-P4-15	DPBLDG500201-P6-15	DPBLDG500407-01-03	DPBLDG500407-02-03	DPBLDG500407-03-03	DPBLDG500407-04-03
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP12	BLDG5002KP1	BLDG5002KP3	BLDG5002KP4	BLDG5002KP6	BLDG5004DP01	BLDG5004DP02	BLDG5004DP03	BLDG5004DP04
		10/1/2002	1/23/2002	1/24/2002	1/24/2002	1/25/2002	7/28/2004	7/28/2004	7/28/2004	7/28/2004
		DPBLDG500210-12-05	DPBLDG500201-P1-14	DPBLDG500201-P3-15	DPBLDG500201-P4-15	DPBLDG500201-P6-15	DPBLDG500407-01-03	DPBLDG500407-02-03	DPBLDG500407-03-03	DPBLDG500407-04-03
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP12	BLDG5002KP1	BLDG5002KP3	BLDG5002KP4	BLDG5002KP6	BLDG5004DP01	BLDG5004DP02	BLDG5004DP03	BLDG5004DP04
		10/1/2002	1/23/2002	1/24/2002	1/24/2002	1/25/2002	7/28/2004	7/28/2004	7/28/2004	7/28/2004
		DPBLDG500210-12-05	DPBLDG500201-P1-14	DPBLDG500201-P3-15	DPBLDG500201-P4-15	DPBLDG500201-P6-15	DPBLDG500407-01-03	DPBLDG500407-02-03	DPBLDG500407-03-03	DPBLDG500407-04-03
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP12	BLDG5002KP1	BLDG5002KP3	BLDG5002KP4	BLDG5002KP6	BLDG5004DP01	BLDG5004DP02	BLDG5004DP03	BLDG5004DP04
		10/1/2002	1/23/2002	1/24/2002	1/24/2002	1/25/2002	7/28/2004	7/28/2004	7/28/2004	7/28/2004
		DPBLDG500210-12-05	DPBLDG500201-P1-14	DPBLDG500201-P3-15	DPBLDG500201-P4-15	DPBLDG500201-P6-15	DPBLDG500407-01-03	DPBLDG500407-02-03	DPBLDG500407-03-03	DPBLDG500407-04-03
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP12	BLDG5002KP1	BLDG5002KP3	BLDG5002KP4	BLDG5002KP6	BLDG5004DP01	BLDG5004DP02	BLDG5004DP03	BLDG5004DP04
		10/1/2002	1/23/2002	1/24/2002	1/24/2002	1/25/2002	7/28/2004	7/28/2004	7/28/2004	7/28/2004
		DPBLDG500210-12-05	DPBLDG500201-P1-14	DPBLDG500201-P3-15	DPBLDG500201-P4-15	DPBLDG500201-P6-15	DPBLDG500407-01-03	DPBLDG500407-02-03	DPBLDG500407-03-03	DPBLDG500407-04-03
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP12	BLDG5002KP1	BLDG5002KP3	BLDG5002KP4	BLDG5002KP6	BLDG5004DP01	BLDG5004DP02	BLDG5004DP03	BLDG5004DP04
		10/1/2002	1/23/2002	1/24/2002	1/24/2002	1/25/2002	7/28/2004	7/28/2004	7/28/2004	7/28/2004
		DPBLDG500210-12-05	DPBLDG500201-P1-14	DPBLDG500201-P3-15	DPBLDG500201-P4-15	DPBLDG500201-P6-15	DPBLDG500407-01-03	DPBLDG500407-02-03	DPBLDG500407-03-03	DPBLDG500407-04-03
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5002DP12	BLDG5002KP1	BLDG5002KP3	BLDG5002KP4	BLDG5002KP6	BLDG5004DP01	BLDG5004DP02	BLDG5004DP03	BLDG5004DP04
		10/1/2002	1/23/2002	1/24/2002	1/24/2002	1/25/2002	7/28/2004	7/28/2004	7/28/2004	7/28/2004
		DPBLDG500210-12-05	DPBLDG500201-P1-14	DPBLDG500201-P3-15	DPBLDG500201-P4-15	DPBLDG500201-P6-15	DPBLDG500407-01-03	DPBLDG500407-02-03	DPBLDG500407-03-03	DPBLDG500407-04-03
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5004DP05	BLDG5004DP05	BLDG5004DP06	BLDG5004DP07	BLDG5004DP08	BLDG500610-SP13	BLDG500610-SP16	BLDG500610-SP18	BLDG500610-SP19
		7/28/2004	7/28/2004	7/28/2004	7/28/2004	7/28/2004	10/30/2006	10/30/2006	10/31/2006	10/31/2006
		DPBLDG500407-05-03	DPBLDG500407-05-14	DPBLDG500407-06-03	DPBLDG500407-07-03	DPBLDG500407-08-03	SPBLDG500610-13-10	SPBLDG500610-16-07	SPBLDG500610-18-09	SPBLDG500610-19-10
VOCs										
Acetone	67-64-1	0.14	0.045	0.079	0.12	0.011			0.0287	0.0382
Benzene	71-43-2	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1	< 0.0012	< 0.0013	< 0.0012	< 0.0012	< 0.0012			< 0.0052	< 0.0053
Bromochloromethane	74-97-5	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Bromodichloromethane	75-27-4	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012			< 0.0052	< 0.0053
Bromoform	75-25-2	< 0.00089	< 0.00095	< 0.00092	< 0.00093	< 0.00091			< 0.0052	< 0.0053
Bromomethane	74-83-9	< 0.0015	< 0.0017	< 0.0016	< 0.0016	< 0.0016			< 0.0052	< 0.0053
Butylbenzene, n-	104-51-8	< 0.0015	< 0.0017	< 0.0016	< 0.0016	< 0.0016			< 0.0052	< 0.0053
Butylbenzene, sec-	135-98-8	< 0.0014	< 0.0015	< 0.0015	< 0.0015	< 0.0015			< 0.0052	< 0.0053
Butylbenzene, tert-	98-06-6	< 0.0014	< 0.0015	< 0.0015	< 0.0015	< 0.0015			< 0.0052	< 0.0053
Carbon Disulfide	75-15-0	< 0.0014	< 0.0015	< 0.0015	< 0.0015	< 0.0015			< 0.0052	< 0.0053
Carbon Tetrachloride	56-23-5	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Chlorobenzene	108-90-7	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Chloroethane	75-00-3	< 0.0012	< 0.0013	< 0.0012	< 0.0012	< 0.0012			< 0.0052	< 0.0053
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Chloromethane	74-87-3	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8	< 0.0015	< 0.0017	< 0.0016	< 0.0016	< 0.0016			< 0.0052	< 0.0053
Chlorotoluene, p-	106-43-4	< 0.0015	< 0.0017	< 0.0016	< 0.0016	< 0.0016			< 0.0052	< 0.0053
cis-1,3-Dichloropropene	10061-01-5	< 0.0011	< 0.0012	< 0.0011	< 0.0012	< 0.0011			< 0.0052	< 0.0053
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8	< 0.0014	< 0.0015	< 0.0015	< 0.0015	< 0.0015			< 0.0052	< 0.0053
Dibromochloromethane	124-48-1	< 0.00094	< 0.001	< 0.00097	< 0.00098	< 0.00096			< 0.0052	< 0.0053
Dibromoethane, 1,2-	106-93-4	< 0.00097	< 0.001	< 0.001	< 0.001	< 0.001			< 0.0052	< 0.0053
Dibromomethane (Methylene Bromide)	74-95-3	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Dichlorobenzene, 1,2-	95-50-1	< 0.0015	< 0.0017	< 0.0016	< 0.0016	< 0.0016			< 0.0052	< 0.0053
Dichlorobenzene, 1,3-	541-73-1	< 0.0014	< 0.0015	< 0.0015	< 0.0015	< 0.0015			< 0.0052	< 0.0053
Dichlorobenzene, 1,4-	106-46-7	< 0.0014	< 0.0015	< 0.0015	< 0.0015	< 0.0015			< 0.0052	< 0.0053
Dichlorodifluoromethane	75-71-8	< 0.00086	< 0.00093	< 0.00089	< 0.0009	< 0.00089			< 0.0052	< 0.0053
Dichloroethane, 1,1-	75-34-3	< 0.0012	< 0.0013	< 0.0012	< 0.0012	< 0.0012			< 0.0052	< 0.0053
Dichloroethane, 1,2-	107-06-2	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0011			< 0.0052	< 0.0053
Dichloroethene, 1,1-	75-35-4	< 0.0015	< 0.0017	< 0.0016	< 0.0016	< 0.0016			< 0.0052	< 0.0053
Dichloroethene, 1,2- (Total)	540-59-0								< 0.0052	< 0.0053
Dichloroethylene, 1,2-cis-	156-59-2	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Dichloroethylene, 1,2-trans-	156-60-5	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Dichloropropane, 1,2-	78-87-5	< 0.0012	< 0.0013	< 0.0012	< 0.0012	< 0.0012			< 0.0052	< 0.0053
Dichloropropane, 1,3-	142-28-9	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0011			< 0.0052	< 0.0053
Dichloropropane, 2,2-	594-20-7	< 0.0011	< 0.0012	< 0.0011	< 0.0011	< 0.0011			< 0.0052	< 0.0053
Dichloropropene, 1,1-	563-58-6	< 0.0014	< 0.0015	< 0.0015	< 0.0015	< 0.0015			< 0.0052	< 0.0053
Dichloropropene, trans-1,3-	10061-02-6	< 0.00094	< 0.001	< 0.00097	< 0.00098	< 0.00096			< 0.0052	< 0.0053
Diisopropyl Ether	108-20-3								< 0.0052	< 0.0053
Ethyl tert Butyl Ether	637-92-3								< 0.0052	< 0.0053

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5004DP05	BLDG5004DP05	BLDG5004DP06	BLDG5004DP07	BLDG5004DP08	BLDG500610-SP13	BLDG500610-SP16	BLDG500610-SP18	BLDG500610-SP19
		7/28/2004	7/28/2004	7/28/2004	7/28/2004	7/28/2004	10/30/2006	10/30/2006	10/31/2006	10/31/2006
		DPBLDG500407-05-03	DPBLDG500407-05-14	DPBLDG500407-06-03	DPBLDG500407-07-03	DPBLDG500407-08-03	SPBLDG500610-13-10	SPBLDG500610-16-07	SPBLDG500610-18-09	SPBLDG500610-19-10
Ethylbenzene	100-41-4	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Hexachlorobutadiene	87-68-3	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0017			< 0.0052	< 0.0053
Hexanone, 2-	591-78-6	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0207	< 0.0211
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Isopropyltoluene, p-	99-87-6	< 0.0015	< 0.0017	< 0.0016	< 0.0016	< 0.0016			< 0.0052	< 0.0053
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.0046	< 0.005	< 0.0048	< 0.0048	< 0.0047			< 0.0103	< 0.0105
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.0012	< 0.0013	< 0.0012	< 0.0012	< 0.0012			< 0.0103	< 0.0105
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 0.0012	< 0.0013	< 0.0012	< 0.0012	< 0.0012			< 0.0052	< 0.0053
Methylene Chloride	75-09-2	0.016	0.014	0.02	0.02	0.019			< 0.0052	< 0.0053
Naphthalene	91-20-3	< 0.0015	< 0.0017	< 0.0016	< 0.0016	< 0.0016			< 0.0041	< 0.0042
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1	< 0.0015	< 0.0017	< 0.0016	< 0.0016	< 0.0016			< 0.0052	< 0.0053
Styrene	100-42-5	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
tert-Butyl alcohol	75-65-0								< 0.0258	< 0.0263
Tertiary-Amyl-Methyl Ether	994-05-8								< 0.0052	< 0.0053
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012			< 0.0052	< 0.0053
Tetrachloroethene	127-18-4	< 0.0014	< 0.0015	< 0.0015	< 0.0015	< 0.0015			< 0.0052	< 0.0053
Toluene	108-88-3	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6	< 0.0018	< 0.0019	< 0.0018	< 0.0019	< 0.0018			< 0.0052	< 0.0053
Trichlorobenzene, 1,2,4-	120-82-1	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0017			< 0.0052	< 0.0053
Trichloroethane, 1,1,1-	71-55-6	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Trichloroethane, 1,1,2-	79-00-5	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Trichloroethene	79-01-6	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Trichlorofluoromethane	75-69-4	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0017			< 0.0052	< 0.0053
Trichloropropane, 1,2,3-	96-18-4	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0017			< 0.0052	< 0.0053
Trimethylbenzene, 1,3,5-	108-67-8	< 0.0015	< 0.0017	< 0.0016	< 0.0016	< 0.0016			< 0.0052	< 0.0053
Vinyl Chloride	75-01-4	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013			< 0.0052	< 0.0053
Xylene, o-	95-47-6	< 0.0013	< 0.0014	< 0.0013	< 0.0014	< 0.0013				
Xylenes	1330-20-7								< 0.0052	< 0.0053
Xylenes, m & p		< 0.0027	< 0.0029	< 0.0028	< 0.0029	< 0.0028				
SVOCs										
Acenaphthene	83-32-9								< 0.0041	< 0.0042
Acenaphthylene	208-96-8								< 0.0041	< 0.0042
Aniline	62-53-3									
Anthracene	120-12-7								< 0.0041	< 0.0042
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3								0.0062	< 0.0042
Benzo[a]pyrene	50-32-8								0.005	< 0.0042
Benzo[b]fluoranthene	205-99-2								0.0132	< 0.0042
Benzo[g,h,i]perylene	191-24-2								0.0044	< 0.0042
Benzo[k]fluoranthene	207-08-9								< 0.0041	< 0.0042

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5004DP05	BLDG5004DP05	BLDG5004DP06	BLDG5004DP07	BLDG5004DP08	BLDG500610-SP13	BLDG500610-SP16	BLDG500610-SP18	BLDG500610-SP19
		7/28/2004	7/28/2004	7/28/2004	7/28/2004	7/28/2004	10/30/2006	10/30/2006	10/31/2006	10/31/2006
		DPBLDG500407-05-03	DPBLDG500407-05-14	DPBLDG500407-06-03	DPBLDG500407-07-03	DPBLDG500407-08-03	SPBLDG500610-13-10	SPBLDG500610-16-07	SPBLDG500610-18-09	SPBLDG500610-19-10
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9								0.0081	< 0.0042
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3								< 0.0041	< 0.0042
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0								0.0233	< 0.0042
Fluorene	86-73-7								< 0.0041	< 0.0042
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5								< 0.0041	< 0.0042
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8								0.0075	< 0.0042

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5004DP05	BLDG5004DP05	BLDG5004DP06	BLDG5004DP07	BLDG5004DP08	BLDG500610-SP13	BLDG500610-SP16	BLDG500610-SP18	BLDG500610-SP19
		7/28/2004	7/28/2004	7/28/2004	7/28/2004	7/28/2004	10/30/2006	10/30/2006	10/31/2006	10/31/2006
		DPBLDG500407-05-03	DPBLDG500407-05-14	DPBLDG500407-06-03	DPBLDG500407-07-03	DPBLDG500407-08-03	SPBLDG500610-13-10	SPBLDG500610-16-07	SPBLDG500610-18-09	SPBLDG500610-19-10
Phenol	108-95-2									
Pyrene	129-00-0								0.0178	< 0.0042
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2								5.9	3.4
Barium	7440-39-3								220	212
Cadmium	7440-43-9								1.1	1.1
Calcium	7440-70-2									
Chromium, Total	7440-47-3								23.2	23
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1								11.4	12.3
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2								< 1.6	< 1.6
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2						< 0.0389	< 0.0393		
Aroclor 1221	11104-28-2						< 0.0389	< 0.0393		
Aroclor 1232	11141-16-5						< 0.0389	< 0.0393		
Aroclor 1242	53469-21-9						< 0.0389	< 0.0393		
Aroclor 1248	12672-29-6						< 0.0389	< 0.0393		
Aroclor 1254	11097-69-1						< 0.0389	< 0.0393		
Aroclor 1260	11096-82-5						< 0.0389	< 0.0393		
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5004DP05	BLDG5004DP05	BLDG5004DP06	BLDG5004DP07	BLDG5004DP08	BLDG500610-SP13	BLDG500610-SP16	BLDG500610-SP18	BLDG500610-SP19
		7/28/2004	7/28/2004	7/28/2004	7/28/2004	7/28/2004	10/30/2006	10/30/2006	10/31/2006	10/31/2006
		DPBLDG500407-05-03	DPBLDG500407-05-14	DPBLDG500407-06-03	DPBLDG500407-07-03	DPBLDG500407-08-03	SPBLDG500610-13-10	SPBLDG500610-16-07	SPBLDG500610-18-09	SPBLDG500610-19-10
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5004DP05	BLDG5004DP05	BLDG5004DP06	BLDG5004DP07	BLDG5004DP08	BLDG500610-SP13	BLDG500610-SP16	BLDG500610-SP18	BLDG500610-SP19
		7/28/2004	7/28/2004	7/28/2004	7/28/2004	7/28/2004	10/30/2006	10/30/2006	10/31/2006	10/31/2006
		DPBLDG500407-05-03	DPBLDG500407-05-14	DPBLDG500407-06-03	DPBLDG500407-07-03	DPBLDG500407-08-03	SPBLDG500610-13-10	SPBLDG500610-16-07	SPBLDG500610-18-09	SPBLDG500610-19-10
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5004DP05	BLDG5004DP05	BLDG5004DP06	BLDG5004DP07	BLDG5004DP08	BLDG500610-SP13	BLDG500610-SP16	BLDG500610-SP18	BLDG500610-SP19
		7/28/2004	7/28/2004	7/28/2004	7/28/2004	7/28/2004	10/30/2006	10/30/2006	10/31/2006	10/31/2006
		DPBLDG500407-05-03	DPBLDG500407-05-14	DPBLDG500407-06-03	DPBLDG500407-07-03	DPBLDG500407-08-03	SPBLDG500610-13-10	SPBLDG500610-16-07	SPBLDG500610-18-09	SPBLDG500610-19-10
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5004DP05	BLDG5004DP05	BLDG5004DP06	BLDG5004DP07	BLDG5004DP08	BLDG500610-SP13	BLDG500610-SP16	BLDG500610-SP18	BLDG500610-SP19
		7/28/2004	7/28/2004	7/28/2004	7/28/2004	7/28/2004	10/30/2006	10/30/2006	10/31/2006	10/31/2006
		DPBLDG500407-05-03	DPBLDG500407-05-14	DPBLDG500407-06-03	DPBLDG500407-07-03	DPBLDG500407-08-03	SPBLDG500610-13-10	SPBLDG500610-16-07	SPBLDG500610-18-09	SPBLDG500610-19-10
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5004DP05	BLDG5004DP05	BLDG5004DP06	BLDG5004DP07	BLDG5004DP08	BLDG500610-SP13	BLDG500610-SP16	BLDG500610-SP18	BLDG500610-SP19
		7/28/2004	7/28/2004	7/28/2004	7/28/2004	7/28/2004	10/30/2006	10/30/2006	10/31/2006	10/31/2006
		DPBLDG500407-05-03	DPBLDG500407-05-14	DPBLDG500407-06-03	DPBLDG500407-07-03	DPBLDG500407-08-03	SPBLDG500610-13-10	SPBLDG500610-16-07	SPBLDG500610-18-09	SPBLDG500610-19-10
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics									< 18.6	< 19
Fuel Oil										
Gasoline Range Organics									< 0.52	< 0.53
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons									< 18.6	< 19
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974						15.3	16.2	19.6	21.1

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP20A	BLDG500704SP202	BLDG500704SP203	BLDG500704SP204	BLDG500704SP205	BLDG500704SP206	BLDG50071029SS01	BLDG50071029SS01	BLDG50071029SS01
		10/31/2006	4/26/2007	4/26/2007	4/26/2007	4/27/2007	4/27/2007	10/29/2007	10/29/2007	10/29/2007
		SPBLDG500610-20A-12	DPBLDG500704-202-05	DPBLDG500704-203-05	DPBLDG500704-204-05	DPBLDG500704-205-05	DPBLDG500704-206-04	SSBLDG50071029-01-02	SSBLDG50071029-01-03	SSBLDG50071029-01-04
VOCs										
Acetone	67-64-1	0.0208	< 0.0196	0.0232	0.0226	0.0188	0.0423			
Benzene	71-43-2	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Bromochloromethane	74-97-5	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Bromodichloromethane	75-27-4	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Bromoform	75-25-2	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Bromomethane	74-83-9	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Butylbenzene, n-	104-51-8	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Butylbenzene, sec-	135-98-8	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Butylbenzene, tert-	98-06-6	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Carbon Disulfide	75-15-0	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Carbon Tetrachloride	56-23-5	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Chlorobenzene	108-90-7	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Chloroethane	75-00-3	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Chloromethane	74-87-3	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Chlorotoluene, p-	106-43-4	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
cis-1,3-Dichloropropene	10061-01-5	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dibromochloromethane	124-48-1	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dibromoethane, 1,2-	106-93-4	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dibromomethane (Methylene Bromide)	74-95-3	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichlorobenzene, 1,2-	95-50-1	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichlorobenzene, 1,3-	541-73-1	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichlorobenzene, 1,4-	106-46-7	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichlorodifluoromethane	75-71-8	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloroethane, 1,1-	75-34-3	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloroethane, 1,2-	107-06-2	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloroethene, 1,1-	75-35-4	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloroethene, 1,2- (Total)	540-59-0	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloroethylene, 1,2-cis-	156-59-2	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloroethylene, 1,2-trans-	156-60-5	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloropropane, 1,2-	78-87-5	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloropropane, 1,3-	142-28-9	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloropropane, 2,2-	594-20-7	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloropropene, 1,1-	563-58-6	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Dichloropropene, trans-1,3-	10061-02-6	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Diisopropyl Ether	108-20-3	< 0.0049								
Ethyl tert Butyl Ether	637-92-3	< 0.0049								

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP20A	BLDG500704SP202	BLDG500704SP203	BLDG500704SP204	BLDG500704SP205	BLDG500704SP206	BLDG50071029SS01	BLDG50071029SS01	BLDG50071029SS01
		10/31/2006	4/26/2007	4/26/2007	4/26/2007	4/27/2007	4/27/2007	10/29/2007	10/29/2007	10/29/2007
		SPBLDG500610-20A-12	DPBLDG500704-202-05	DPBLDG500704-203-05	DPBLDG500704-204-05	DPBLDG500704-205-05	DPBLDG500704-206-04	SSBLDG50071029-01-02	SSBLDG50071029-01-03	SSBLDG50071029-01-04
Ethylbenzene	100-41-4	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Hexachlorobutadiene	87-68-3	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Hexanone, 2-	591-78-6	< 0.0197	< 0.0196	< 0.0205	< 0.02	< 0.0182	< 0.0181			
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Isopropyltoluene, p-	99-87-6	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.0099	< 0.0098	< 0.0102	< 0.01	< 0.0091	< 0.009			
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.0099	< 0.0098	< 0.0102	< 0.01	< 0.0091	< 0.009			
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Methylene Chloride	75-09-2	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Naphthalene	91-20-3	< 0.0042	< 0.0098	< 0.0102	< 0.01	< 0.0091	< 0.009			
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Styrene	100-42-5	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
tert-Butyl alcohol	75-65-0	< 0.0247								
Tertiary-Amyl-Methyl Ether	994-05-8	< 0.0049								
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Tetrachloroethene	127-18-4	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Toluene	108-88-3	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Trichlorobenzene, 1,2,4-	120-82-1	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Trichloroethane, 1,1,1-	71-55-6	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Trichloroethane, 1,1,2-	79-00-5	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Trichloroethene	79-01-6	< 0.0049	< 0.0049	< 0.0051	< 0.005	0.0058	< 0.0045			
Trichlorofluoromethane	75-69-4	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Trichloropropane, 1,2,3-	96-18-4	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Trimethylbenzene, 1,3,5-	108-67-8	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Vinyl Chloride	75-01-4	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.0049	< 0.0049	< 0.0051	< 0.005	< 0.0046	< 0.0045			
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9	< 0.0042								
Acenaphthylene	208-96-8	< 0.0042								
Aniline	62-53-3									
Anthracene	120-12-7	< 0.0042								
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3	< 0.0042								
Benzo[a]pyrene	50-32-8	< 0.0042								
Benzo[b]fluoranthene	205-99-2	< 0.0042								
Benzo[g,h,i]perylene	191-24-2	< 0.0042								
Benzo[k]fluoranthene	207-08-9	< 0.0042								

Table A-2
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Chemical	CAS	BLDG500610-SP20A	BLDG500704SP202	BLDG500704SP203	BLDG500704SP204	BLDG500704SP205	BLDG500704SP206	BLDG50071029SS01	BLDG50071029SS01	BLDG50071029SS01
		10/31/2006	4/26/2007	4/26/2007	4/26/2007	4/27/2007	4/27/2007	10/29/2007	10/29/2007	10/29/2007
		SPBLDG500610-20A-12	DPBLDG500704-202-05	DPBLDG500704-203-05	DPBLDG500704-204-05	DPBLDG500704-205-05	DPBLDG500704-206-04	SSBLDG50071029-01-02	SSBLDG50071029-01-03	SSBLDG50071029-01-04
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9	< 0.0042								
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3	< 0.0042								
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0	< 0.0042								
Fluorene	86-73-7	< 0.0042								
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.0042								
Isophorone	78-59-1									
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8	< 0.0042								

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Chemical	CAS	BLDG500610-SP20A	BLDG500704SP202	BLDG500704SP203	BLDG500704SP204	BLDG500704SP205	BLDG500704SP206	BLDG50071029SS01	BLDG50071029SS01	BLDG50071029SS01
		10/31/2006	4/26/2007	4/26/2007	4/26/2007	4/27/2007	4/27/2007	10/29/2007	10/29/2007	10/29/2007
		SPBLDG500610-20A-12	DPBLDG500704-202-05	DPBLDG500704-203-05	DPBLDG500704-204-05	DPBLDG500704-205-05	DPBLDG500704-206-04	SSBLDG50071029-01-02	SSBLDG50071029-01-03	SSBLDG50071029-01-04
Phenol	108-95-2									
Pyrene	129-00-0	< 0.0042								
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2	4.5								
Barium	7440-39-3	120								
Cadmium	7440-43-9	0.65								
Calcium	7440-70-2									
Chromium, Total	7440-47-3	21.4								
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1	6.3								
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	< 1.7								
Silver	7440-22-4									
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 0.0403	< 0.041	< 0.0414	< 0.0402	< 0.0388	< 0.04	< 0.0398	< 0.0594
Aroclor 1221	11104-28-2		< 0.0403	< 0.041	< 0.0414	< 0.0402	< 0.0388	< 0.04	< 0.0398	< 0.0594
Aroclor 1232	11141-16-5		< 0.0403	< 0.041	< 0.0414	< 0.0402	< 0.0388	< 0.04	< 0.0398	< 0.0594
Aroclor 1242	53469-21-9		< 0.0403	< 0.041	< 0.0414	< 0.0402	< 0.0388	< 0.04	< 0.0398	< 0.0594
Aroclor 1248	12672-29-6		< 0.0403	< 0.041	< 0.0414	< 0.0402	< 0.0388	< 0.04	< 0.0398	< 0.0594
Aroclor 1254	11097-69-1		< 0.0403	< 0.041	< 0.0414	< 0.0402	< 0.0388	< 0.04	< 0.0398	< 0.0594
Aroclor 1260	11096-82-5		< 0.0403	< 0.041	< 0.0414	< 0.0402	0.55	0.105	< 0.0398	0.804
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

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Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP20A	BLDG500704SP202	BLDG500704SP203	BLDG500704SP204	BLDG500704SP205	BLDG500704SP206	BLDG50071029SS01	BLDG50071029SS01	BLDG50071029SS01
		10/31/2006	4/26/2007	4/26/2007	4/26/2007	4/27/2007	4/27/2007	10/29/2007	10/29/2007	10/29/2007
		SPBLDG500610-20A-12	DPBLDG500704-202-05	DPBLDG500704-203-05	DPBLDG500704-204-05	DPBLDG500704-205-05	DPBLDG500704-206-04	SSBLDG50071029-01-02	SSBLDG50071029-01-03	SSBLDG50071029-01-04
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
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PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

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Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP20A	BLDG500704SP202	BLDG500704SP203	BLDG500704SP204	BLDG500704SP205	BLDG500704SP206	BLDG50071029SS01	BLDG50071029SS01	BLDG50071029SS01
		10/31/2006	4/26/2007	4/26/2007	4/26/2007	4/27/2007	4/27/2007	10/29/2007	10/29/2007	10/29/2007
		SPBLDG500610-20A-12	DPBLDG500704-202-05	DPBLDG500704-203-05	DPBLDG500704-204-05	DPBLDG500704-205-05	DPBLDG500704-206-04	SSBLDG50071029-01-02	SSBLDG50071029-01-03	SSBLDG50071029-01-04
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
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PCB-092										
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PCB-094										
PCB-095										
PCB-096										
PCB-097										
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PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

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Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP20A	BLDG500704SP202	BLDG500704SP203	BLDG500704SP204	BLDG500704SP205	BLDG500704SP206	BLDG50071029SS01	BLDG50071029SS01	BLDG50071029SS01
		10/31/2006	4/26/2007	4/26/2007	4/26/2007	4/27/2007	4/27/2007	10/29/2007	10/29/2007	10/29/2007
		SPBLDG500610-20A-12	DPBLDG500704-202-05	DPBLDG500704-203-05	DPBLDG500704-204-05	DPBLDG500704-205-05	DPBLDG500704-206-04	SSBLDG50071029-01-02	SSBLDG50071029-01-03	SSBLDG50071029-01-04
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

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Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
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Chemical	CAS	BLDG500610-SP20A	BLDG500704SP202	BLDG500704SP203	BLDG500704SP204	BLDG500704SP205	BLDG500704SP206	BLDG50071029SS01	BLDG50071029SS01	BLDG50071029SS01
		10/31/2006	4/26/2007	4/26/2007	4/26/2007	4/27/2007	4/27/2007	10/29/2007	10/29/2007	10/29/2007
		SPBLDG500610-20A-12	DPBLDG500704-202-05	DPBLDG500704-203-05	DPBLDG500704-204-05	DPBLDG500704-205-05	DPBLDG500704-206-04	SSBLDG50071029-01-02	SSBLDG50071029-01-03	SSBLDG50071029-01-04
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

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Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP20A	BLDG500704SP202	BLDG500704SP203	BLDG500704SP204	BLDG500704SP205	BLDG500704SP206	BLDG50071029SS01	BLDG50071029SS01	BLDG50071029SS01
		10/31/2006	4/26/2007	4/26/2007	4/26/2007	4/27/2007	4/27/2007	10/29/2007	10/29/2007	10/29/2007
		SPBLDG500610-20A-12	DPBLDG500704-202-05	DPBLDG500704-203-05	DPBLDG500704-204-05	DPBLDG500704-205-05	DPBLDG500704-206-04	SSBLDG50071029-01-02	SSBLDG50071029-01-03	SSBLDG50071029-01-04
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics		< 19.1								
Fuel Oil										
Gasoline Range Organics		< 0.49								
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons		< 19.1								
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974	21.9	20.4	20.8	21.1	18.6	16.7	18	18.5	17.8

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22	BLDG50DPTJ24	BLDG50DPTJ24
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010
		SSBLDG50071029-01-05	BHAA101012-17-02	BHAA101012-17-98	BHAB161012-18-04	BHAB161012-18-98	BHI221012-23-02	BHI221012-23-98	BHJ241012-22-04	BHJ241012-22-99
VOCs										
Acetone	67-64-1		0.0307 J		< 0.0083		< 0.0074		0.0358 J	
Benzene	71-43-2		< 0.00066		< 0.0007		< 0.00063		< 0.00064	
Bis(2-chloroethyl)ether	111-44-4		< 0.048		< 0.048		< 0.046		< 0.049	
Bromobenzene	108-86-1		< 0.00052		< 0.00056		< 0.0005		< 0.00051	
Bromochloromethane	74-97-5		< 0.00055		< 0.00059		< 0.00052		< 0.00054	
Bromodichloromethane	75-27-4		< 0.0007		< 0.00074		< 0.00066		< 0.00068	
Bromoform	75-25-2		< 0.00087		< 0.00093		< 0.00083		< 0.00085	
Bromomethane	74-83-9		< 0.0011		< 0.0012		< 0.0011		< 0.0011	
Butylbenzene, n-	104-51-8		< 0.00065		< 0.00069		< 0.00062		< 0.00063	
Butylbenzene, sec-	135-98-8		< 0.00072		< 0.00077		< 0.00069		< 0.00071	
Butylbenzene, tert-	98-06-6		< 0.00098		< 0.001		< 0.00093		< 0.00095	
Carbon Disulfide	75-15-0		< 0.00053		< 0.00056		< 0.0005		< 0.00051	
Carbon Tetrachloride	56-23-5		< 0.0006		< 0.00065		< 0.00058		< 0.00059	
Chlorobenzene	108-90-7		< 0.00053		< 0.00057		< 0.00051		< 0.00052	
Chloroethane	75-00-3		< 0.00086		< 0.00092		< 0.00082		< 0.00084	
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3		< 0.00057		< 0.00061		< 0.00054		< 0.00056	
Chloromethane	74-87-3		< 0.0011		< 0.0011		< 0.001		< 0.001	
Chloronaphthalene, Beta-	91-58-7		< 0.044		< 0.044		< 0.042		< 0.045	
Chlorophenol, 2-	95-57-8		< 0.057		< 0.056		< 0.054		< 0.058	
Chlorotoluene, o-	95-49-8		< 0.00079		< 0.00085		< 0.00076		< 0.00077	
Chlorotoluene, p-	106-43-4		< 0.001		< 0.0011		< 0.00097		< 0.00099	
cis-1,3-Dichloropropene	10061-01-5		< 0.0005		< 0.00054		< 0.00048		< 0.00049	
Cresol, p-chloro-m-	59-50-7		< 0.045		< 0.045		< 0.043		< 0.046	
Dibromo-3-chloropropane, 1,2-	96-12-8		< 0.0025		< 0.0027		< 0.0024		< 0.0024	
Dibromochloromethane	124-48-1		< 0.00051		< 0.00055		< 0.00049		< 0.0005	
Dibromoethane, 1,2-	106-93-4		< 0.00093		< 0.00099		< 0.00089		< 0.00091	
Dibromomethane (Methylene Bromide)	74-95-3		< 0.00088		< 0.00094		< 0.00084		< 0.00086	
Dichlorobenzene, 1,2-	95-50-1		< 0.00067		< 0.00072		< 0.00064		< 0.00066	
Dichlorobenzene, 1,3-	541-73-1		< 0.00067		< 0.00072		< 0.00064		< 0.00066	
Dichlorobenzene, 1,4-	106-46-7		< 0.00066		< 0.0007		< 0.00063		< 0.00064	
Dichlorodifluoromethane	75-71-8		< 0.0011		< 0.0012		< 0.0011		< 0.0011	
Dichloroethane, 1,1-	75-34-3		< 0.00085		< 0.00091		< 0.00081		< 0.00083	
Dichloroethane, 1,2-	107-06-2		< 0.00063		< 0.00067		< 0.0006		< 0.00061	
Dichloroethene, 1,1-	75-35-4		< 0.00073		< 0.00077		< 0.00069		< 0.00071	
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2		< 0.00095		< 0.001		< 0.0009		< 0.00093	
Dichloroethylene, 1,2-trans-	156-60-5		< 0.00074		< 0.00079		< 0.0007		< 0.00072	
Dichloropropane, 1,2-	78-87-5		< 0.00075		< 0.0008		< 0.00072		< 0.00074	
Dichloropropane, 1,3-	142-28-9		< 0.00066		< 0.0007		< 0.00063		< 0.00064	
Dichloropropane, 2,2-	594-20-7		< 0.00054		< 0.00058		< 0.00052		< 0.00053	
Dichloropropene, 1,1-	563-58-6		< 0.00062		< 0.00066		< 0.00059		< 0.00061	
Dichloropropene, trans-1,3-	10061-02-6		< 0.00059		< 0.00063		< 0.00056		< 0.00057	
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22	BLDG50DPTJ24	BLDG50DPTJ24
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010
		SSBLDG50071029-01-05	BHAA101012-17-02	BHAA101012-17-98	BHAB161012-18-04	BHAB161012-18-98	BHI221012-23-02	BHI221012-23-98	BHJ241012-22-04	BHJ241012-22-99
Ethylbenzene	100-41-4		< 0.00085		< 0.00091		< 0.00081		0.0124	
Hexachlorobutadiene	87-68-3		< 0.0011		< 0.0011		< 0.001		< 0.001	
Hexanone, 2-	591-78-6		< 0.0062		< 0.0066		< 0.0059		< 0.006	
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8		< 0.00066		< 0.0007		< 0.00063		< 0.00064	
Isopropyltoluene, p-	99-87-6		< 0.00085		< 0.00091		< 0.00081		< 0.00083	
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.0054		< 0.0058		< 0.0052		< 0.0053	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.0052		< 0.0056		< 0.005		< 0.0051	
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2		< 0.0022		0.0066 J		< 0.0021		< 0.0022	
Naphthalene	91-20-3		< 0.00081		< 0.00087		< 0.00078		0.0049	
Nitrobenzene	98-95-3		< 0.033		< 0.033		< 0.031		< 0.033	
Propylbenzene, n-	103-65-1		< 0.00069		< 0.00074		< 0.00066		< 0.00067	
Styrene	100-42-5		< 0.00073		< 0.00078		< 0.00069		< 0.00071	
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6		< 0.0004		< 0.00042		< 0.00038		< 0.00039	
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.0013		< 0.0013		< 0.0012		< 0.0012	
Tetrachloroethene	127-18-4		< 0.00073		< 0.00077		< 0.00069		< 0.00071	
Toluene	108-88-3		< 0.00089		< 0.00095		< 0.00085		0.0031 J	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6		< 0.00098		< 0.001		< 0.00093		< 0.00095	
Trichlorobenzene, 1,2,4-	120-82-1		< 0.00097		< 0.001		< 0.00092		< 0.00094	
Trichloroethane, 1,1,1-	71-55-6		< 0.00065		< 0.0007		< 0.00062		< 0.00064	
Trichloroethane, 1,1,2-	79-00-5		< 0.0018		< 0.002		< 0.0017		< 0.0018	
Trichloroethene	79-01-6		0.0021 J		< 0.0017		0.684		0.0039	
Trichlorofluoromethane	75-69-4		< 0.00066		< 0.0007		< 0.00063		< 0.00064	
Trichloropropane, 1,2,3-	96-18-4		< 0.0016		< 0.0017		< 0.0015		< 0.0016	
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6		< 0.0008		< 0.00085		< 0.00076		< 0.00078	
Trimethylbenzene, 1,3,5-	108-67-8		< 0.00092		< 0.00099		< 0.00088		< 0.0009	
Vinyl Chloride	75-01-4		< 0.00096		< 0.001		< 0.00091		< 0.00094	
Xylene, o-	95-47-6		< 0.0006		< 0.00064		< 0.00057		0.0126	
Xylenes	1330-20-7		< 0.002		< 0.0021		< 0.0019		0.0583	
Xylenes, m & p			< 0.0014		< 0.0015		< 0.0013		0.0457	
SVOCs										
Acenaphthene	83-32-9		< 0.0014		< 0.0014		< 0.0013		< 0.0014	
Acenaphthylene	208-96-8									
Aniline	62-53-3		< 0.22		< 0.22		< 0.21		< 0.22	
Anthracene	120-12-7		0.0072 J		< 0.0015		< 0.0015		< 0.0016	
Benzidine	92-87-5		< 0.37		< 0.37		< 0.35		< 0.37	
Benzo[a]anthracene	56-55-3		0.0619		< 0.0013		< 0.0012		0.0052 J	
Benzo[a]pyrene	50-32-8		0.0534		< 0.0043		< 0.0041		< 0.0044	
Benzo[b]fluoranthene	205-99-2		0.0982		< 0.0043		< 0.0041		< 0.0044	
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9		0.124		< 0.0052		< 0.005		< 0.0054	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22	BLDG50DPTJ24	BLDG50DPTJ24
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010
		SSBLDG50071029-01-05	BHAA101012-17-02	BHAA101012-17-98	BHAB161012-18-04	BHAB161012-18-98	BHI221012-23-02	BHI221012-23-98	BHJ241012-22-04	BHJ241012-22-99
Benzoic Acid	65-85-0		< 0.076		< 0.076		< 0.073		< 0.077	
Benzyl Alcohol	100-51-6		< 0.056		< 0.056		< 0.053		< 0.057	
Bis(2-chloroethoxy)methane	111-91-1		< 0.043		< 0.043		< 0.041		< 0.044	
bis(2-Chloroisopropyl)ether	39638-32-9		< 0.066		< 0.066		< 0.063		< 0.067	
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.086		< 0.085		< 0.082		< 0.087	
Bromophenyl phenyl ether, 4-	101-55-3		< 0.055		< 0.055		< 0.052		< 0.056	
Butyl Benzyl Phthlate	85-68-7		< 0.055		< 0.055		< 0.052		< 0.056	
Carbazole	86-74-8		< 0.037		< 0.037		< 0.036		< 0.038	
Chloroaniline, p-	106-47-8		< 0.14		< 0.14		< 0.14		< 0.15	
Chlorophenyl-phenylether, 4-	7005-72-3		< 0.057		< 0.057		< 0.054		< 0.058	
Chrysene	218-01-9		0.0575		< 0.002		< 0.0019		0.0064 J	
Cresol, 3&4-			< 0.11		< 0.11		< 0.11		< 0.12	
Cresol, o-	95-48-7		< 0.038		< 0.038		< 0.036		< 0.039	
Dibenz[a,h]anthracene	53-70-3		< 0.0078		< 0.0078		< 0.0074		< 0.0079	
Dibenzofuran	132-64-9		< 0.053		< 0.053		< 0.051		< 0.054	
Dibutyl Phthalate	84-74-2		< 0.055		< 0.054		< 0.052		< 0.056	
Dichlorobenzidine, 3,3'-	91-94-1		< 0.088		< 0.087		< 0.084		< 0.089	
Dichlorophenol, 2,4-	120-83-2		< 0.049		< 0.049		< 0.047		< 0.05	
Diethyl Phthalate	84-66-2		< 0.05		< 0.05		< 0.048		< 0.051	
Dimethyl phthalate	131-11-3		< 0.058		< 0.058		< 0.056		< 0.059	
Dimethylphenol, 2,4-	105-67-9		< 0.036		< 0.036		< 0.034		< 0.037	
Dinitro-o-cresol, 4,6-	534-52-1		< 0.081		< 0.081		< 0.077		< 0.082	
Dinitrophenol, 2,4-	51-28-5		< 0.51		< 0.5		< 0.48		< 0.51	
Dinitrotoluene, 2,4-	121-14-2		< 0.044		< 0.044		< 0.042		< 0.045	
Dinitrotoluene, 2,6-	606-20-2		< 0.054		< 0.054		< 0.052		< 0.055	
Di-n-octylphthalate			< 0.048		< 0.048		< 0.046		< 0.049	
Diphenylhydrazine, 1,2-	122-66-7		< 0.053		< 0.053		< 0.051		< 0.054	
Fluoranthene	206-44-0		0.0568		< 0.0018		< 0.0017		0.0086	
Fluorene	86-73-7		< 0.0029		< 0.0028		< 0.0027		< 0.0029	
Hexachlorobenzene	118-74-1		< 0.059		< 0.058		< 0.056		< 0.06	
Hexachlorocyclopentadiene	77-47-4		< 0.34		< 0.33		< 0.32		< 0.34	
Hexachloroethane	67-72-1		< 0.053		< 0.052		< 0.05		< 0.054	
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1		< 0.044		< 0.044		< 0.042		< 0.044	
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4		< 0.076		< 0.075		< 0.072		< 0.077	
Nitroaniline, 3-	99-09-2		< 0.081		< 0.081		< 0.078		< 0.083	
Nitroaniline, 4-	100-01-6		< 0.11		< 0.11		< 0.1		< 0.11	
Nitrophenol, 2-	88-75-5		< 0.047		< 0.046		< 0.044		< 0.047	
Nitrophenol, 4-	100-02-7		< 0.5		< 0.5		< 0.48		< 0.51	
Nitrosodimethylamine, N-	62-75-9		< 0.044		< 0.044		< 0.042		< 0.045	
Nitroso-di-N-propylamine, N-	621-64-7		< 0.05		< 0.05		< 0.048		< 0.051	
Nitrosodiphenylamine, N-	86-30-6		< 0.051		< 0.05		< 0.048		< 0.051	
Pentachlorophenol	87-86-5		< 0.082		< 0.082		< 0.078		< 0.084	
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22	BLDG50DPTJ24	BLDG50DPTJ24
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010
		SSBLDG50071029-01-05	BHAA101012-17-02	BHAA101012-17-98	BHAB161012-18-04	BHAB161012-18-98	BHI221012-23-02	BHI221012-23-98	BHJ241012-22-04	BHJ241012-22-99
Phenol	108-95-2		< 0.036		< 0.036		< 0.034		< 0.036	
Pyrene	129-00-0		0.0535		< 0.0027		< 0.0026		0.0194	
Pyridine	110-86-1		< 0.035		< 0.035		< 0.033		< 0.035	
Trichlorophenol, 2,4,5-	95-95-4		< 0.052		< 0.052		< 0.05		< 0.053	
Trichlorophenol, 2,4,6-	88-06-2		< 0.063		< 0.063		< 0.06		< 0.064	
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2	6.2	9.8		7.3		7.1		8	
Barium	7440-39-3	134	203		228		164		166	
Cadmium	7440-43-9	1.1	0.31 J		< 0.02		< 0.09		0.2 J	
Calcium	7440-70-2									
Chromium, Total	7440-47-3	16.7	26		20.4		19		18.3	
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1	14	34		12.6		10.9		19.8	
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.058	0.011 J		0.014 J		< 0.0077		0.0084 J	
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	< 1.6	< 0.19		< 0.2		< 0.91		< 0.18	
Silver	7440-22-4	< 0.77	< 0.079		< 0.081		< 0.37		< 0.075	
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.0374								
Aroclor 1221	11104-28-2	< 0.0374								
Aroclor 1232	11141-16-5	< 0.0374								
Aroclor 1242	53469-21-9	< 0.0374								
Aroclor 1248	12672-29-6	< 0.0374								
Aroclor 1254	11097-69-1	< 0.0374								
Aroclor 1260	11096-82-5	0.406								
PCB-001				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-002				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-003				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-004				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-005				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-006				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-007				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-008				4.5E-06 B		3.2E-06 B		4.3E-06 B		3E-06 B
PCB-009				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-010				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-011				< 8.9E-05		< 9.2E-05		< 9.7E-05		< 9.3E-05

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22	BLDG50DPTJ24	BLDG50DPTJ24
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010
		SSBLDG50071029-01-05	BHAA101012-17-02	BHAA101012-17-98	BHAB161012-18-04	BHAB161012-18-98	BHI221012-23-02	BHI221012-23-98	BHJ241012-22-04	BHJ241012-22-99
PCB-012				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-013				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-014				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-015				< 8.9E-06		< 9.2E-06		< 9.7E-06		< 9.3E-06
PCB-016				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-017				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-018				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-019				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-020				< 1.8E-05		< 1.8E-05		< 1.9E-05		< 1.9E-05
PCB-021				< 1.8E-05		< 1.8E-05		< 1.9E-05		< 1.9E-05
PCB-022				< 8.9E-06		< 9.2E-06		< 9.7E-06		< 9.3E-06
PCB-023				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-024				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-025				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-026				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-027				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-028				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-029				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-030				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-031				< 8.9E-06		< 9.2E-06		< 9.7E-06		< 9.3E-06
PCB-032				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-033				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-034				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-035				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-036				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-037				< 8.9E-06		< 9.2E-06		< 9.7E-06		< 9.3E-06
PCB-038				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-039				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-040				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-041				< 8.9E-05		< 9.2E-05		< 9.7E-05		< 9.3E-05
PCB-042				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-043				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-044				< 5.4E-06		< 5.5E-06		1.2E-05 C		5.8E-06 C
PCB-045				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-046				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-047				< 5.4E-06		< 5.5E-06		1.2E-05 C44		5.8E-06 C44
PCB-048				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-049				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-050				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-051				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-052				6.9E-06		2E-06		3.6E-06		2.6E-06
PCB-053				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-054				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-055				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-056				3.3E-06		< 1.8E-06		2E-06		< 1.9E-06
PCB-057				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22	BLDG50DPTJ24	BLDG50DPTJ24
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010
		SSBLDG50071029-01-05	BHAA101012-17-02	BHAA101012-17-98	BHAB161012-18-04	BHAB161012-18-98	BHI221012-23-02	BHI221012-23-98	BHJ241012-22-04	BHJ241012-22-99
PCB-058				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-059				< 5.4E-06		< 5.5E-06		< 5.8E-06		< 5.6E-06
PCB-060				2.1E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-061				1.2E-05 C		< 7.3E-06		< 7.7E-06		< 7.5E-06
PCB-062				< 5.4E-06		< 5.5E-06		< 5.8E-06		< 5.6E-06
PCB-063				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-064				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-065				< 5.4E-06		< 5.5E-06		1.2E-05 C44		5.8E-06 C44
PCB-066				< 8.9E-06		< 9.2E-06		< 9.7E-06		< 9.3E-06
PCB-067				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-068				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-069				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-070				1.2E-05 C61		< 7.3E-06		< 7.7E-06		< 7.5E-06
PCB-071				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-072				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-073				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-074				1.2E-05 C61		< 7.3E-06		< 7.7E-06		< 7.5E-06
PCB-075				< 5.4E-06		< 5.5E-06		< 5.8E-06		< 5.6E-06
PCB-076				1.2E-05 C61		< 7.3E-06		< 7.7E-06		< 7.5E-06
PCB-077	32598-13-3			2.6E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-078				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-079				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-080				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-081	70362-50-4			< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-082				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-083				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-084				3.7E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-085				< 5.4E-06		< 5.5E-06		< 5.8E-06		< 5.6E-06
PCB-086				1.5E-05 C		< 1.1E-05		< 1.2E-05		< 1.1E-05
PCB-087				1.5E-05 C86		< 1.1E-05		< 1.2E-05		< 1.1E-05
PCB-088				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-089				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-090				3.9E-05 C		< 5.5E-06		1.7E-05 C		< 5.6E-06
PCB-091				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-092				5.4E-06		< 1.8E-06		2.6E-06		< 1.9E-06
PCB-093				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-094				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-095				3.6E-05		2.5E-06 B		2.7E-05		3.1E-06
PCB-096				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-097				1.5E-05 C86		< 1.1E-05		< 1.2E-05		< 1.1E-05
PCB-098				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-099				6.3E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-100				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-101				3.9E-05 C90		< 5.5E-06		1.7E-05 C90		< 5.6E-06
PCB-102				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-103				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22	BLDG50DPTJ24	BLDG50DPTJ24
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010
		SSBLDG50071029-01-05	BHAA101012-17-02	BHAA101012-17-98	BHAB161012-18-04	BHAB161012-18-98	BHI221012-23-02	BHI221012-23-98	BHJ241012-22-04	BHJ241012-22-99
PCB-104				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-105	32598-14-4			1.7E-05		< 1.8E-06		2.2E-06		< 1.9E-06
PCB-106				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-107				2E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-108				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-109				1.5E-05 C86		< 1.1E-05		< 1.2E-05		< 1.1E-05
PCB-110				4.6E-05 C		< 3.7E-06		2.2E-05 C		4.9E-06 C
PCB-111				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-112				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-113				3.9E-05 C90		< 5.5E-06		1.7E-05 C90		< 5.6E-06
PCB-114	74472-37-0			< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-115				4.6E-05 C11		< 3.7E-06		2.2E-05 C11		4.9E-06 C11
PCB-116				< 5.4E-06		< 5.5E-06		< 5.8E-06		< 5.6E-06
PCB-117				< 5.4E-06		< 5.5E-06		< 5.8E-06		< 5.6E-06
PCB-118	31508-00-6			4.1E-05		2.7E-06		9.7E-06		3.9E-06
PCB-119				1.5E-05 C86		< 1.1E-05		< 1.2E-05		< 1.1E-05
PCB-120				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-121				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-122				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-123	65510-44-3			< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-124				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-125				1.5E-05 C86		< 1.1E-05		< 1.2E-05		< 1.1E-05
PCB-126	57465-28-8			< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-127				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-128				4.5E-05 C		< 3.7E-06		1.1E-05 C		< 3.7E-06
PCB-129				0.00043 C		9.6E-06 C		0.00014 C		1.4E-05 C
PCB-130				1.6E-05		< 1.8E-06		6.8E-06		< 1.9E-06
PCB-131				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-132				5.6E-05		2.6E-06		5E-05		3.4E-06
PCB-133				5.7E-06		< 1.8E-06		2.3E-06		< 1.9E-06
PCB-134				7.2E-06		< 1.8E-06		6.8E-06		< 1.9E-06
PCB-135				9.8E-05 C		< 3.7E-06		8.3E-05 C		4.5E-06 C
PCB-136				2.6E-05		< 1.8E-06		2.4E-05		< 1.9E-06
PCB-137				6.5E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-138				0.00043 C12		9.6E-06 C12		0.00014 C12		1.4E-05 C12
PCB-139				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-140				< 3.6E-06		< 3.7E-06		< 3.9E-06		< 3.7E-06
PCB-141				4.6E-05		1.9E-06		2.1E-05		2E-06
PCB-142				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-143				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-144				8.6E-06		< 1.8E-06		7.3E-06		< 1.9E-06
PCB-145				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-146				5.7E-05		< 1.8E-06		2E-05		2.2E-06
PCB-147				0.00023 C		7.7E-06 C		0.00017 C		1.1E-05 C
PCB-148				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-149				0.00023 C14		7.7E-06 C14		0.00017 C14		1.1E-05 C14

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22	BLDG50DPTJ24	BLDG50DPTJ24
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010
		SSBLDG50071029-01-05	BHAA101012-17-02	BHAA101012-17-98	BHAB161012-18-04	BHAB161012-18-98	BHI221012-23-02	BHI221012-23-98	BHJ241012-22-04	BHJ241012-22-99
PCB-150				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-151				9.8E-05 C13		< 3.7E-06		8.3E-05 C13		4.5E-06 C13
PCB-152				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-153				0.00029 C		8.3E-06 C		8.6E-05 C		9.2E-06 C
PCB-154				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-155				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-156				2.2E-05 C		< 3.7E-06		6.7E-06 C		< 3.7E-06
PCB-157	69782-90-7			2.2E-05 C15		< 3.7E-06		6.7E-06 C15		< 3.7E-06
PCB-158				0.00003		< 1.8E-06		1.2E-05		< 1.9E-06
PCB-159				7E-06		< 1.8E-06		3.7E-06		< 1.9E-06
PCB-160				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-161				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-162				6.5E-06		< 1.8E-06		2.4E-06		< 1.9E-06
PCB-163				0.00043 C12		9.6E-06 C12		0.00014 C12		1.4E-05 C12
PCB-164				2.8E-05		< 1.8E-06		1.4E-05		< 1.9E-06
PCB-165				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-166				4.5E-05 C12		< 3.7E-06		1.1E-05 C12		< 3.7E-06
PCB-167	52663-72-6			1.4E-05		< 1.8E-06		3.6E-06		< 1.9E-06
PCB-168				0.00029 C15		8.3E-06 C15		8.6E-05 C15		9.2E-06 C15
PCB-169	32774-16-6			< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-170				0.00026		3.3E-06		9.6E-05		7.9E-06
PCB-171				7E-05 C		< 3.7E-06		2.9E-05 C		< 3.7E-06
PCB-172				4.5E-05		< 1.8E-06		1.5E-05		< 1.9E-06
PCB-173				7E-05 C17		< 3.7E-06		2.9E-05 C17		< 3.7E-06
PCB-174				0.0002		3.4E-06		1E-04		7.5E-06
PCB-175				8.3E-06		< 1.8E-06		4E-06		< 1.9E-06
PCB-176				1.9E-05		< 1.8E-06		1.1E-05		< 1.9E-06
PCB-177				0.00016		2.1E-06		6E-05		5.6E-06
PCB-178				0.00006		< 1.8E-06		1.8E-05		2.3E-06
PCB-179				0.00011		< 1.8E-06		3.9E-05		3.6E-06
PCB-180				0.00054 C		7.3E-06 C		0.00019 C		1.6E-05 C
PCB-181				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-182				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-183				0.00014 C		< 3.7E-06		6.7E-05 C		5.2E-06 C
PCB-184				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-185				0.00014 C18		< 3.7E-06		6.7E-05 C18		5.2E-06 C18
PCB-186				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-187				0.00037		4.1E-06		0.00011		1.3E-05
PCB-188				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-189	39635-31-9			7.7E-06		< 1.8E-06		3.2E-06		< 1.9E-06
PCB-190				4.3E-05		< 1.8E-06		1.6E-05		< 1.9E-06
PCB-191				7.8E-06		< 1.8E-06		3.5E-06		< 1.9E-06
PCB-192				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-193				0.00054 C18		7.3E-06 C18		0.00019 C18		1.6E-05 C18
PCB-194				0.00013		< 1.8E-06		3.1E-05		3.3E-06
PCB-195				5.6E-05		< 1.8E-06		1.8E-05		< 1.9E-06

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50071029SS01	BLDG50DPTAA10	BLDG50DPTAA10	BLDG50DPTAB16	BLDG50DPTAB16	BLDG50DPTI22	BLDG50DPTI22	BLDG50DPTJ24	BLDG50DPTJ24
		10/29/2007	12/7/2010	12/7/2010	12/8/2010	12/8/2010	12/9/2010	12/9/2010	12/8/2010	12/8/2010
		SSBLDG50071029-01-05	BHAA101012-17-02	BHAA101012-17-98	BHAB161012-18-04	BHAB161012-18-98	BHI221012-23-02	BHI221012-23-98	BHJ241012-22-04	BHJ241012-22-99
PCB-196				6.4E-05		< 1.8E-06		2.2E-05		2.1E-06
PCB-197				2.2E-05 C		< 3.7E-06		6.9E-06 C		< 3.7E-06
PCB-198				0.00017 C		< 3.7E-06		4.4E-05 C		5.3E-06 C
PCB-199				0.00017 C19		< 3.7E-06		4.4E-05 C19		5.3E-06 C19
PCB-200				2.2E-05 C19		< 3.7E-06		6.9E-06 C19		< 3.7E-06
PCB-201				1.8E-05		< 1.8E-06		5.3E-06		< 1.9E-06
PCB-202				3.9E-05		< 1.8E-06		6.7E-06		< 1.9E-06
PCB-203				0.0001		< 1.8E-06		2.5E-05		3.2E-06
PCB-204				< 1.8E-06		< 1.8E-06		< 1.9E-06		< 1.9E-06
PCB-205				6.7E-06		< 1.8E-06		2.1E-06		< 1.9E-06
PCB-206				5.8E-05		< 1.8E-06		1.5E-05		2.6E-06
PCB-207				7E-06		< 1.8E-06		3.8E-06		< 1.9E-06
PCB-208				1.7E-05		< 1.8E-06		7.6E-06		< 1.9E-06
PCB-209				2.3E-05		< 1.8E-06		5.1E-05		2.2E-06
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics			< 0.2		< 0.2		< 0.2		0.323	
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974	13.3								

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTT11	BLDG50DPTT11	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTU7
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHT101012-12-02	BHT101012-12-98	BHT111012-14-02	BHT111012-14-99	BHT71012-07-04	BHT71012-07-06	BHT71012-07-98	BHT71012-07-99	BHU71012-06-03
VOCs										
Acetone	67-64-1	< 0.0082		< 0.0074		< 0.0077	< 0.0078			< 0.0079
Benzene	71-43-2	< 0.00069		< 0.00063		< 0.00065	< 0.00066			< 0.00067
Bis(2-chloroethyl)ether	111-44-4	< 0.049		< 0.047		< 0.05	< 0.047			< 0.048
Bromobenzene	108-86-1	< 0.00055		< 0.0005		< 0.00051	< 0.00052			< 0.00053
Bromochloromethane	74-97-5	< 0.00058		< 0.00052		< 0.00054	< 0.00055			< 0.00056
Bromodichloromethane	75-27-4	< 0.00074		< 0.00066		< 0.00068	< 0.0007			< 0.00071
Bromoform	75-25-2	< 0.00092		< 0.00083		< 0.00086	< 0.00087			< 0.00088
Bromomethane	74-83-9	< 0.0012		< 0.0011		< 0.0011	< 0.0011			< 0.0011
Butylbenzene, n-	104-51-8	< 0.00069		< 0.00062		< 0.00064	< 0.00065			< 0.00066
Butylbenzene, sec-	135-98-8	< 0.00077		< 0.00069		< 0.00071	< 0.00073			< 0.00074
Butylbenzene, tert-	98-06-6	< 0.001		< 0.00093		< 0.00096	< 0.00098			< 0.00099
Carbon Disulfide	75-15-0	< 0.00056		< 0.0005		< 0.00052	< 0.00053			< 0.00053
Carbon Tetrachloride	56-23-5	< 0.00064		< 0.00058		< 0.0006	< 0.00061			< 0.00062
Chlorobenzene	108-90-7	< 0.00056		< 0.00051		< 0.00052	< 0.00053			< 0.00054
Chloroethane	75-00-3	< 0.00091		< 0.00082		< 0.00085	< 0.00086			< 0.00087
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.0006		< 0.00054		< 0.00056	< 0.00057			< 0.00058
Chloromethane	74-87-3	< 0.0011		< 0.001		< 0.001	< 0.0011			< 0.0011
Chloronaphthalene, Beta-	91-58-7	< 0.044		< 0.043		< 0.046	< 0.043			< 0.044
Chlorophenol, 2-	95-57-8	< 0.057		< 0.056		< 0.059	< 0.056			< 0.057
Chlorotoluene, o-	95-49-8	< 0.00084		< 0.00076		< 0.00078	< 0.00079			< 0.00081
Chlorotoluene, p-	106-43-4	< 0.0011		< 0.00097		< 0.001	< 0.001			< 0.001
cis-1,3-Dichloropropene	10061-01-5	< 0.00053		< 0.00048		< 0.0005	< 0.00051			< 0.00051
Cresol, p-chloro-m-	59-50-7	< 0.045		< 0.044		< 0.046	< 0.044			< 0.045
Dibromo-3-chloropropane, 1,2-	96-12-8	< 0.0027		< 0.0024		< 0.0025	< 0.0025			< 0.0026
Dibromochloromethane	124-48-1	< 0.00054		< 0.00049		< 0.00051	< 0.00052			< 0.00052
Dibromoethane, 1,2-	106-93-4	< 0.00098		< 0.00089		< 0.00092	< 0.00093			< 0.00095
Dibromomethane (Methylene Bromide)	74-95-3	< 0.00093		< 0.00084		< 0.00086	< 0.00088			< 0.00089
Dichlorobenzene, 1,2-	95-50-1	< 0.00071		< 0.00064		< 0.00066	< 0.00068			< 0.00069
Dichlorobenzene, 1,3-	541-73-1	< 0.00071		< 0.00064		< 0.00066	< 0.00068			< 0.00068
Dichlorobenzene, 1,4-	106-46-7	< 0.00069		< 0.00063		< 0.00065	< 0.00066			< 0.00067
Dichlorodifluoromethane	75-71-8	< 0.0012		< 0.0011		< 0.0011	< 0.0011			< 0.0011
Dichloroethane, 1,1-	75-34-3	< 0.0009		< 0.00081		< 0.00084	< 0.00085			< 0.00087
Dichloroethane, 1,2-	107-06-2	< 0.00067		< 0.0006		< 0.00062	< 0.00063			< 0.00064
Dichloroethene, 1,1-	75-35-4	< 0.00077		< 0.00069		< 0.00071	< 0.00073			< 0.00074
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	< 0.001		< 0.00091		0.0071	0.0102			0.0013 J
Dichloroethylene, 1,2-trans-	156-60-5	< 0.00078		< 0.00071		< 0.00073	< 0.0074			< 0.00075
Dichloropropane, 1,2-	78-87-5	< 0.0008		< 0.00072		< 0.00074	< 0.00076			< 0.00077
Dichloropropane, 1,3-	142-28-9	< 0.0007		< 0.00063		< 0.00065	< 0.00066			< 0.00067
Dichloropropane, 2,2-	594-20-7	< 0.00058		< 0.00052		< 0.00054	< 0.00055			< 0.00055
Dichloropropene, 1,1-	563-58-6	< 0.00066		< 0.00059		< 0.00061	< 0.00062			< 0.00063
Dichloropropene, trans-1,3-	10061-02-6	< 0.00062		< 0.00056		< 0.00058	< 0.00059			< 0.0006
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTT11	BLDG50DPTT11	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTU7
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHT101012-12-02	BHT101012-12-98	BHT111012-14-02	BHT111012-14-99	BHT71012-07-04	BHT71012-07-06	BHT71012-07-98	BHT71012-07-99	BHU71012-06-03
Ethylbenzene	100-41-4	< 0.0009		< 0.00081		< 0.00084	< 0.00085			< 0.00086
Hexachlorobutadiene	87-68-3	< 0.0011		< 0.001		< 0.0011	< 0.0011			< 0.0011
Hexanone, 2-	591-78-6	< 0.0065		< 0.0059		< 0.0061	< 0.0062			< 0.0063
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8	< 0.00069		< 0.00063		< 0.00065	< 0.00066			< 0.00067
Isopropyltoluene, p-	99-87-6	< 0.0009		< 0.00081		< 0.00084	< 0.00085			< 0.00086
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.0057		< 0.0052		< 0.0053	< 0.0054			< 0.0055
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.0055		< 0.005		< 0.0051	< 0.0052			< 0.0053
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.0023		0.0092		< 0.0022	0.0131			< 0.0022
Naphthalene	91-20-3	< 0.00086		< 0.00078		0.004 J	< 0.00082			< 0.00083
Nitrobenzene	98-95-3	< 0.033		< 0.032		< 0.034	< 0.032			< 0.033
Propylbenzene, n-	103-65-1	< 0.00073		< 0.00066		< 0.00068	< 0.00069			< 0.0007
Styrene	100-42-5	< 0.00077		< 0.00069		< 0.00072	< 0.00073			< 0.00074
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.00042		< 0.00038		< 0.00039	< 0.0004			< 0.0004
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.0013		< 0.0012		< 0.0012	< 0.0013			< 0.0013
Tetrachloroethene	127-18-4	< 0.00077		< 0.00069		0.0087	0.0013 J			0.0727
Toluene	108-88-3	< 0.00094		< 0.00085		< 0.00088	< 0.00089			< 0.00091
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6	< 0.001		< 0.00093		< 0.00096	< 0.00098			< 0.00099
Trichlorobenzene, 1,2,4-	120-82-1	< 0.001		< 0.00092		< 0.00095	< 0.00097			< 0.00098
Trichloroethane, 1,1,1-	71-55-6	< 0.00069		< 0.00062		< 0.00064	< 0.00065			< 0.00066
Trichloroethane, 1,1,2-	79-00-5	< 0.0019		< 0.0017		< 0.0018	< 0.0018			< 0.0019
Trichloroethene	79-01-6	0.0308		< 0.0015		0.115	0.0584			0.303 J
Trichlorofluoromethane	75-69-4	< 0.00069		< 0.00063		< 0.00065	< 0.00066			< 0.00067
Trichloropropane, 1,2,3-	96-18-4	< 0.0017		< 0.0015		< 0.0016	< 0.0016			< 0.0016
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.00084		< 0.00076		< 0.00079	< 0.0008			< 0.00081
Trimethylbenzene, 1,3,5-	108-67-8	< 0.00098		< 0.00088		< 0.00091	< 0.00093			< 0.00094
Vinyl Chloride	75-01-4	< 0.001		< 0.00091		< 0.00094	< 0.00096			< 0.00097
Xylene, o-	95-47-6	< 0.00064		< 0.00057		< 0.00059	< 0.0006			< 0.00061
Xylenes	1330-20-7	< 0.0021		< 0.0019		< 0.0019	< 0.002			< 0.002
Xylenes, m & p		< 0.0014		< 0.0013		< 0.0013	< 0.0014			< 0.0014
SVOCs										
Acenaphthene	83-32-9	< 0.0014		< 0.0013		0.0021 J	< 0.0013			< 0.0014
Acenaphthylene	208-96-8									
Aniline	62-53-3	< 0.22		< 0.21		< 0.23	< 0.21			< 0.22
Anthracene	120-12-7	< 0.0016		< 0.0015		0.0072 Y	< 0.0015			< 0.0015
Benzidine	92-87-5	< 0.37		< 0.36		< 0.38	< 0.36			< 0.37
Benzo[a]anthracene	56-55-3	< 0.0013		< 0.0013		0.0461	< 0.0013			< 0.0013
Benzo[a]pyrene	50-32-8	< 0.0044		< 0.0042		0.0365	< 0.0043			< 0.0043
Benzo[b]fluoranthene	205-99-2	< 0.0043		< 0.0042		0.0511	< 0.0042			0.0093
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9	< 0.0053		< 0.0052		0.0254	< 0.0052			< 0.0053

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTT11	BLDG50DPTT11	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTU7
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHT101012-12-02	BHT101012-12-98	BHT111012-14-02	BHT111012-14-99	BHT71012-07-04	BHT71012-07-06	BHT71012-07-98	BHT71012-07-99	BHU71012-06-03
Benzoic Acid	65-85-0	< 0.077		< 0.075		< 0.079	< 0.075			< 0.076
Benzyl Alcohol	100-51-6	< 0.056		< 0.055		< 0.058	< 0.055			< 0.056
Bis(2-chloroethoxy)methane	111-91-1	< 0.043		< 0.042		< 0.044	< 0.042			< 0.043
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.067		< 0.065		< 0.068	< 0.065			< 0.066
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.087		< 0.084		< 0.089	< 0.084			< 0.086
Bromophenyl phenyl ether, 4-	101-55-3	< 0.056		< 0.054		< 0.057	< 0.054			< 0.055
Butyl Benzyl Phthlate	85-68-7	< 0.056		< 0.054		< 0.057	< 0.054			< 0.055
Carbazole	86-74-8	< 0.038		< 0.037		< 0.039	< 0.037			< 0.037
Chloroaniline, p-	106-47-8	< 0.15		< 0.14		< 0.15	< 0.14			< 0.14
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.058		< 0.056		< 0.059	< 0.056			< 0.057
Chrysene	218-01-9	< 0.002		< 0.002		0.0429	< 0.002			< 0.002
Cresol, 3&4-		< 0.11		< 0.11		< 0.12	< 0.11			< 0.11
Cresol, o-	95-48-7	< 0.038		< 0.037		< 0.039	< 0.037			< 0.038
Dibenz[a,h]anthracene	53-70-3	< 0.0079		< 0.0077		< 0.0081	< 0.0077			< 0.0078
Dibenzofuran	132-64-9	< 0.053		< 0.052		< 0.055	< 0.052			< 0.053
Dibutyl Phthalate	84-74-2	< 0.055		< 0.054		< 0.057	< 0.054			< 0.055
Dichlorobenzidine, 3,3'-	91-94-1	< 0.089		< 0.086		< 0.091	< 0.086			< 0.088
Dichlorophenol, 2,4-	120-83-2	< 0.049		< 0.048		< 0.051	< 0.048			< 0.049
Diethyl Phthalate	84-66-2	< 0.051		< 0.049		< 0.052	< 0.049			< 0.05
Dimethyl phthalate	131-11-3	< 0.059		< 0.057		< 0.06	< 0.057			< 0.058
Dimethylphenol, 2,4-	105-67-9	< 0.036		< 0.035		< 0.037	< 0.035			< 0.036
Dinitro-o-cresol, 4,6-	534-52-1	< 0.082		< 0.079		< 0.084	< 0.079			< 0.081
Dinitrophenol, 2,4-	51-28-5	< 0.51		< 0.5		< 0.52	< 0.5			< 0.51
Dinitrotoluene, 2,4-	121-14-2	< 0.044		< 0.043		< 0.046	< 0.043			< 0.044
Dinitrotoluene, 2,6-	606-20-2	< 0.055		< 0.053		< 0.056	< 0.053			< 0.054
Di-n-octylphthalate		< 0.048		< 0.047		< 0.049	< 0.047			< 0.048
Diphenylhydrazine, 1,2-	122-66-7	< 0.053		< 0.052		< 0.055	< 0.052			< 0.053
Fluoranthene	206-44-0	< 0.0018		< 0.0017		0.0558	< 0.0017			0.0067 J
Fluorene	86-73-7	< 0.0029		< 0.0028		0.0046 J	< 0.0028			< 0.0029
Hexachlorobenzene	118-74-1	< 0.059		< 0.058		< 0.061	< 0.058			< 0.059
Hexachlorocyclopentadiene	77-47-4	< 0.34		< 0.33		< 0.35	< 0.33			< 0.34
Hexachloroethane	67-72-1	< 0.053		< 0.052		< 0.054	< 0.052			< 0.053
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1	< 0.044		< 0.043		< 0.045	< 0.043			< 0.044
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4	< 0.076		< 0.074		< 0.078	< 0.074			< 0.076
Nitroaniline, 3-	99-09-2	< 0.082		< 0.08		< 0.084	< 0.08			< 0.081
Nitroaniline, 4-	100-01-6	< 0.11		< 0.11		< 0.11	< 0.11			< 0.11
Nitrophenol, 2-	88-75-5	< 0.047		< 0.046		< 0.048	< 0.046			< 0.047
Nitrophenol, 4-	100-02-7	< 0.51		< 0.49		< 0.52	< 0.49			< 0.5
Nitrosodimethylamine, N-	62-75-9	< 0.044		< 0.043		< 0.046	< 0.043			< 0.044
Nitroso-di-N-propylamine, N-	621-64-7	< 0.051		< 0.049		< 0.052	< 0.049			< 0.05
Nitrosodiphenylamine, N-	86-30-6	< 0.051		< 0.05		< 0.052	< 0.05			< 0.051
Pentachlorophenol	87-86-5	< 0.083		< 0.081		< 0.085	< 0.081			< 0.082
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTT11	BLDG50DPTT11	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTU7
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHT101012-12-02	BHT101012-12-98	BHT111012-14-02	BHT111012-14-99	BHT71012-07-04	BHT71012-07-06	BHT71012-07-98	BHT71012-07-99	BHU71012-06-03
Phenol	108-95-2	< 0.036		< 0.035		< 0.037	< 0.035			< 0.036
Pyrene	129-00-0	< 0.0028		< 0.0027		0.0783	< 0.0027			0.0051 J
Pyridine	110-86-1	< 0.035		< 0.034		< 0.036	< 0.034			< 0.035
Trichlorophenol, 2,4,5-	95-95-4	< 0.053		< 0.051		< 0.054	< 0.051			< 0.052
Trichlorophenol, 2,4,6-	88-06-2	< 0.064		< 0.062		< 0.065	< 0.062			< 0.063
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2	7.9		7.7		7.7	8.3			10.4
Barium	7440-39-3	141		190		190	308			236
Cadmium	7440-43-9	< 0.021		< 0.02		0.14 Y	< 0.019			0.064 J
Calcium	7440-70-2									
Chromium, Total	7440-47-3	24.8		28.7		28	31.2			33.6
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1	13.8		15.7		26.1	19.3			21.4
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	0.02		0.011 J		0.013 J	< 0.0073			0.012 J
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	< 0.21		< 0.2		< 0.21	< 0.94			< 0.21
Silver	7440-22-4	< 0.086		< 0.083		< 0.085	< 0.077			< 0.085
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
PCB-001			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-002			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-003			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-004			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-005			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-006			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-007			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-008			4.9E-06 B		4.2E-06 B			< 1.9E-05	5.5E-06 Q	
PCB-009			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-010			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-011			< 9.4E-05		< 9.2E-05			< 0.00094	< 9.2E-05	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTT11	BLDG50DPTT11	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTU7
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHT101012-12-02	BHT101012-12-98	BHT111012-14-02	BHT111012-14-99	BHT71012-07-04	BHT71012-07-06	BHT71012-07-98	BHT71012-07-99	BHU71012-06-03
PCB-012			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-013			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-014			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-015			< 9.4E-06		< 9.2E-06			< 9.4E-05	< 9.2E-06	
PCB-016			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-017			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-018			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-019			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-020			< 1.9E-05		< 1.8E-05			< 0.00019	< 1.8E-05	
PCB-021			< 1.9E-05		< 1.8E-05			< 0.00019	< 1.8E-05	
PCB-022			< 9.4E-06		< 9.2E-06			< 9.4E-05	< 9.2E-06	
PCB-023			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-024			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-025			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-026			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-027			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-028			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-029			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-030			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-031			< 9.4E-06		< 9.2E-06			< 9.4E-05	< 9.2E-06	
PCB-032			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-033			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-034			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-035			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-036			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-037			< 9.4E-06		< 9.2E-06			< 9.4E-05	< 9.2E-06	
PCB-038			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-039			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-040			4E-06 C		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-041			< 9.4E-05		< 9.2E-05			< 0.00094	< 9.2E-05	
PCB-042			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-043			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-044			1.6E-05 C		< 5.5E-06			< 5.6E-05	< 5.5E-06	
PCB-045			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-046			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-047			1.6E-05 C44		< 5.5E-06			< 5.6E-05	< 5.5E-06	
PCB-048			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-049			6.6E-06 C		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-050			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-051			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-052			5.9E-05		4.6E-06			2E-05	2.3E-06	
PCB-053			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-054			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-055			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-056			6.7E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-057			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTT11	BLDG50DPTT11	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTU7
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHT101012-12-02	BHT101012-12-98	BHT111012-14-02	BHT111012-14-99	BHT71012-07-04	BHT71012-07-06	BHT71012-07-98	BHT71012-07-99	BHU71012-06-03
PCB-058			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-059			< 5.6E-06		< 5.5E-06			< 5.6E-05	< 5.5E-06	
PCB-060			3.4E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-061			3E-05 C		< 7.4E-06			< 7.5E-05	< 7.4E-06	
PCB-062			< 5.6E-06		< 5.5E-06			< 5.6E-05	< 5.5E-06	
PCB-063			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-064			5.3E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-065			1.6E-05 C44		< 5.5E-06			< 5.6E-05	< 5.5E-06	
PCB-066			1.5E-05		< 9.2E-06			< 9.4E-05	< 9.2E-06	
PCB-067			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-068			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-069			6.6E-06 C49		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-070			3E-05 C61		< 7.4E-06			< 7.5E-05	< 7.4E-06	
PCB-071			4E-06 C40		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-072			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-073			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-074			3E-05 C61		< 7.4E-06			< 7.5E-05	< 7.4E-06	
PCB-075			< 5.6E-06		< 5.5E-06			< 5.6E-05	< 5.5E-06	
PCB-076			3E-05 C61		< 7.4E-06			< 7.5E-05	< 7.4E-06	
PCB-077	32598-13-3		2.3E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-078			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-079			3.4E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-080			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-081	70362-50-4		< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-082			4.6E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-083			1.2E-05		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-084			2.8E-05		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-085			< 5.6E-06		< 5.5E-06			< 5.6E-05	< 5.5E-06	
PCB-086			0.00012 C		< 1.1E-05			< 0.00011	< 1.1E-05	
PCB-087			0.00012 C86		< 1.1E-05			< 0.00011	< 1.1E-05	
PCB-088			4.7E-06 C		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-089			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-090			0.00093 C		3.2E-05 C			0.00022 C	< 5.5E-06	
PCB-091			4.7E-06 C88		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-092			9.2E-05		3.8E-06			2.4E-05	< 1.8E-06	
PCB-093			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-094			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-095			0.00079		3.7E-05			0.00021	< 1.8E-06	
PCB-096			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-097			0.00012 C86		< 1.1E-05			< 0.00011	< 1.1E-05	
PCB-098			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-099			1.8E-05		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-100			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-101			0.00093 C90		3.2E-05 C90			0.00022 C90	< 5.5E-06	
PCB-102			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-103			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTT11	BLDG50DPTT11	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTU7
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHT101012-12-02	BHT101012-12-98	BHT111012-14-02	BHT111012-14-99	BHT71012-07-04	BHT71012-07-06	BHT71012-07-98	BHT71012-07-99	BHU71012-06-03
PCB-104			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-105	32598-14-4		2E-05		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-106			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-107			2.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-108			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-109			0.00012 C86		< 1.1E-05			< 0.00011	< 1.1E-05	
PCB-110			0.00038 C		1.7E-05 C			0.00011 C	< 3.7E-06	
PCB-111			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-112			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-113			0.00093 C90		3.2E-05 C90			0.00022 C90	< 5.5E-06	
PCB-114	74472-37-0		< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-115			0.00038 C11		1.7E-05 C11			0.00011 C11	< 3.7E-06	
PCB-116			< 5.6E-06		< 5.5E-06			< 5.6E-05	< 5.5E-06	
PCB-117			< 5.6E-06		< 5.5E-06			< 5.6E-05	< 5.5E-06	
PCB-118	31508-00-6		0.00015		6.6E-06			5.2E-05	< 1.8E-06	
PCB-119			0.00012 C86		< 1.1E-05			< 0.00011	< 1.1E-05	
PCB-120			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-121			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-122			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-123	65510-44-3		< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-124			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-125			0.00012 C86		< 1.1E-05			< 0.00011	< 1.1E-05	
PCB-126	57465-28-8		< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-127			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-128			7.4E-05 C		4.3E-06 C			< 3.8E-05	< 3.7E-06	
PCB-129			0.00175 C		0.0001 C			0.00083 C	< 5.5E-06	
PCB-130			4.3E-05		2.6E-06			2.2E-05	< 1.8E-06	
PCB-131			9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-132			0.00061		3.1E-05			0.00023	< 1.8E-06	
PCB-133			1.6E-05		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-134			8.8E-05		4.3E-06			3.2E-05	< 1.8E-06	
PCB-135			0.0012 C		5.8E-05 C			0.00042 C	< 3.7E-06	
PCB-136			0.00048		2.1E-05			0.00014	< 1.8E-06	
PCB-137			3.1E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-138			0.00175 C12		0.0001 C12			0.00083 C12	< 5.5E-06	
PCB-139			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-140			< 3.8E-06		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-141			0.00054		2.9E-05			0.00023	< 1.8E-06	
PCB-142			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-143			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-144			0.00017		7.5E-06			5.5E-05	< 1.8E-06	
PCB-145			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-146			0.00024		1.3E-05			0.0001	< 1.8E-06	
PCB-147			0.00218 C		0.00012 C			0.00086 C	< 3.7E-06	
PCB-148			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-149			0.00218 C14		0.00012 C14			0.00086 C14	< 3.7E-06	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTT11	BLDG50DPTT11	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTU7
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHT101012-12-02	BHT101012-12-98	BHT111012-14-02	BHT111012-14-99	BHT71012-07-04	BHT71012-07-06	BHT71012-07-98	BHT71012-07-99	BHU71012-06-03
PCB-150			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-151			0.0012 C13		5.8E-05 C13			0.00042 C13	< 3.7E-06	
PCB-152			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-153			0.00192 C		0.00011 C			0.00088 C	< 3.7E-06	
PCB-154			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-155			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-156			7.6E-05 C		4.4E-06 C			4E-05 C	< 3.7E-06	
PCB-157	69782-90-7		7.6E-05 C15		4.4E-06 C15			4E-05 C15	< 3.7E-06	
PCB-158			0.00014		7.6E-06			6.1E-05	< 1.8E-06	
PCB-159			2.8E-05		1.9E-06			< 1.9E-05	< 1.8E-06	
PCB-160			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-161			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-162			1.5E-05		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-163			0.00175 C12		0.0001 C12			0.00083 C12	< 5.5E-06	
PCB-164			0.00012		7.3E-06			5.8E-05	< 1.8E-06	
PCB-165			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-166			7.4E-05 C12		4.3E-06 C12			< 3.8E-05	< 3.7E-06	
PCB-167	52663-72-6		3E-05		2E-06			< 1.9E-05	< 1.8E-06	
PCB-168			0.00192 C15		0.00011 C15			0.00088 C15	< 3.7E-06	
PCB-169	32774-16-6		< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-170			0.00057		4.9E-05			0.00043	< 1.8E-06	
PCB-171			0.00019 C		1.4E-05 C			0.00012 C	< 3.7E-06	
PCB-172			0.0001		8.2E-06			7.2E-05	< 1.8E-06	
PCB-173			0.00019 C17		1.4E-05 C17			0.00012 C17	< 3.7E-06	
PCB-174			0.00076		5.9E-05			0.00049	< 1.8E-06	
PCB-175			2.8E-05		2E-06			< 1.9E-05	< 1.8E-06	
PCB-176			0.00011		7.2E-06			5.9E-05	< 1.8E-06	
PCB-177			0.00042		3.2E-05			0.00027	< 1.8E-06	
PCB-178			0.00015		1.1E-05			8.9E-05	< 1.8E-06	
PCB-179			0.00038		2.6E-05			0.0002	< 1.8E-06	
PCB-180			0.00133 C		0.00012 C			0.00104 C	< 3.7E-06	
PCB-181			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-182			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-183			0.00048 C		3.7E-05 C			0.00031 C	< 3.7E-06	
PCB-184			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-185			0.00048 C18		3.7E-05 C18			0.00031 C18	< 3.7E-06	
PCB-186			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-187			0.00081		6.1E-05			0.00051	< 1.8E-06	
PCB-188			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-189	39635-31-9		1.5E-05		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-190			0.00012		9.5E-06			8.3E-05	< 1.8E-06	
PCB-191			2.1E-05		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-192			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-193			0.00133 C18		0.00012 C18			0.00104 C18	< 3.7E-06	
PCB-194			0.00024		2.3E-05			0.0002	< 1.8E-06	
PCB-195			0.0001		9.3E-06			8.5E-05	< 1.8E-06	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTT10	BLDG50DPTT10	BLDG50DPTT11	BLDG50DPTT11	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTT7	BLDG50DPTU7
		12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHT101012-12-02	BHT101012-12-98	BHT111012-14-02	BHT111012-14-99	BHT71012-07-04	BHT71012-07-06	BHT71012-07-98	BHT71012-07-99	BHU71012-06-03
PCB-196			0.00013		1.2E-05			0.00011	< 1.8E-06	
PCB-197			4E-05 C		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-198			0.00024 C		2.3E-05 C			0.00021 C	< 3.7E-06	
PCB-199			0.00024 C19		2.3E-05 C19			0.00021 C19	< 3.7E-06	
PCB-200			4E-05 C19		< 3.7E-07			< 3.8E-05	< 3.7E-06	
PCB-201			3.1E-05		2.7E-06			2.5E-05	< 1.8E-06	
PCB-202			4.2E-05		3.8E-06			3.6E-05	< 1.8E-06	
PCB-203			0.00014		1.3E-05			0.00012	< 1.8E-06	
PCB-204			< 1.9E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-205			1.1E-05		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-206			3.9E-05		4.5E-06			4.4E-05	< 1.8E-06	
PCB-207			5.3E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-208			6.8E-06		< 1.8E-06			< 1.9E-05	< 1.8E-06	
PCB-209			4.8E-06		2.9E-06			< 1.9E-05	< 1.8E-06	
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics		< 0.2		< 0.2		< 0.2	< 0.2			< 0.2
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTU7	BLDG50DPTV10	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV7	BLDG50DPTV7	BLDG50DPTW11	BLDG50DPTW11
		12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHU71012-06-99	BHV101012-16-04	BHV101012-16-98	BHV111012-13-06	BHV111012-13-98	BHV71012-05-04	BHV71012-05-99	BHW111012-04-07	BHW111012-04-99
VOCs										
Acetone	67-64-1		< 0.0082		< 0.008		< 0.0082		< 0.0081	
Benzene	71-43-2		< 0.0007		< 0.00068		< 0.00069		< 0.00068	
Bis(2-chloroethyl)ether	111-44-4		< 0.05		< 0.049		< 0.049		< 0.049	
Bromobenzene	108-86-1		< 0.00055		< 0.00054		< 0.0055		< 0.00054	
Bromochloromethane	74-97-5		< 0.00058		< 0.00057		< 0.00058		< 0.00057	
Bromodichloromethane	75-27-4		< 0.00074		< 0.00072		< 0.00073		< 0.00072	
Bromoform	75-25-2		< 0.00092		< 0.0009		< 0.00091		< 0.0009	
Bromomethane	74-83-9		< 0.0012		< 0.0012		< 0.0012		< 0.0012	
Butylbenzene, n-	104-51-8		< 0.00069		< 0.00067		< 0.00068		< 0.00067	
Butylbenzene, sec-	135-98-8		< 0.00077		< 0.00074		< 0.00076		< 0.00075	
Butylbenzene, tert-	98-06-6		< 0.001		< 0.001		< 0.001		< 0.001	
Carbon Disulfide	75-15-0		< 0.00056		< 0.00054		< 0.00055		< 0.00055	
Carbon Tetrachloride	56-23-5		< 0.00064		< 0.00062		< 0.00064		< 0.00063	
Chlorobenzene	108-90-7		< 0.00056		< 0.00055		< 0.00056		< 0.00055	
Chloroethane	75-00-3		< 0.00091		< 0.00088		< 0.0009		< 0.00089	
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3		< 0.0006		< 0.00059		< 0.0006		< 0.00059	
Chloromethane	74-87-3		< 0.0011		< 0.0011		< 0.0011		< 0.0011	
Chloronaphthalene, Beta-	91-58-7		< 0.045		< 0.045		< 0.045		< 0.045	
Chlorophenol, 2-	95-57-8		< 0.058		< 0.057		< 0.057		< 0.058	
Chlorotoluene, o-	95-49-8		< 0.00084		< 0.00082		< 0.00083		< 0.00082	
Chlorotoluene, p-	106-43-4		< 0.0011		< 0.001		< 0.0011		< 0.0011	
cis-1,3-Dichloropropene	10061-01-5		< 0.00053		< 0.00052		< 0.00053		< 0.00052	
Cresol, p-chloro-m-	59-50-7		< 0.046		< 0.046		< 0.045		< 0.046	
Dibromo-3-chloropropane, 1,2-	96-12-8		< 0.0027		< 0.0026		< 0.0026		< 0.0026	
Dibromochloromethane	124-48-1		< 0.00055		< 0.00053		< 0.00054		< 0.00053	
Dibromoethane, 1,2-	106-93-4		< 0.00098		< 0.00096		< 0.00098		< 0.00096	
Dibromomethane (Methylene Bromide)	74-95-3		< 0.00093		< 0.0009		< 0.00092		< 0.00091	
Dichlorobenzene, 1,2-	95-50-1		< 0.00071		< 0.00069		< 0.00071		< 0.0007	
Dichlorobenzene, 1,3-	541-73-1		< 0.00071		< 0.00069		< 0.00071		< 0.0007	
Dichlorobenzene, 1,4-	106-46-7		< 0.0007		< 0.00068		< 0.00069		< 0.00068	
Dichlorodifluoromethane	75-71-8		< 0.0012		< 0.0012		< 0.0012		< 0.0012	
Dichloroethane, 1,1-	75-34-3		< 0.0009		< 0.00088		< 0.00089		< 0.00088	
Dichloroethane, 1,2-	107-06-2		< 0.00067		< 0.00065		< 0.00066		< 0.00065	
Dichloroethene, 1,1-	75-35-4		< 0.00077		< 0.00075		< 0.00076		< 0.00075	
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2		< 0.001		< 0.00098		< 0.001		< 0.00098	
Dichloroethylene, 1,2-trans-	156-60-5		< 0.00078		< 0.00076		< 0.00078		< 0.00077	
Dichloropropane, 1,2-	78-87-5		< 0.0008		< 0.00078		< 0.00079		< 0.00078	
Dichloropropane, 1,3-	142-28-9		< 0.0007		< 0.00068		< 0.00069		< 0.00068	
Dichloropropane, 2,2-	594-20-7		< 0.00058		< 0.00056		< 0.00057		< 0.00056	
Dichloropropene, 1,1-	563-58-6		< 0.00066		< 0.00064		< 0.00065		< 0.00064	
Dichloropropene, trans-1,3-	10061-02-6		< 0.00062		< 0.00061		< 0.00062		< 0.00061	
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTU7	BLDG50DPTV10	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV7	BLDG50DPTV7	BLDG50DPTW11	BLDG50DPTW11
		12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHU71012-06-99	BHV101012-16-04	BHV101012-16-98	BHV111012-13-06	BHV111012-13-98	BHV71012-05-04	BHV71012-05-99	BHW111012-04-07	BHW111012-04-99
Ethylbenzene	100-41-4		< 0.0009		< 0.00087		< 0.00089		< 0.00088	
Hexachlorobutadiene	87-68-3		< 0.0011		< 0.0011		< 0.0011		< 0.0011	
Hexanone, 2-	591-78-6		< 0.0066		< 0.0064		< 0.0065		< 0.0064	
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8		< 0.0007		< 0.00068		< 0.00069		< 0.00068	
Isopropyltoluene, p-	99-87-6		< 0.0009		< 0.00087		< 0.00089		< 0.00088	
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.0057		< 0.0056		< 0.0057		< 0.0056	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.0055		< 0.0054		< 0.0055		< 0.0054	
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2		< 0.0023		< 0.0023		< 0.0023		< 0.0023	
Naphthalene	91-20-3		< 0.00086		< 0.00084		0.0021 J		< 0.00084	
Nitrobenzene	98-95-3		< 0.034		< 0.033		< 0.033		< 0.034	
Propylbenzene, n-	103-65-1		< 0.00073		< 0.00071		< 0.00073		< 0.00072	
Styrene	100-42-5		< 0.00077		< 0.00075		< 0.00076		< 0.00075	
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6		< 0.00042		< 0.00041		< 0.00042		< 0.00041	
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.0013		< 0.0013		< 0.0013		< 0.0013	
Tetrachloroethene	127-18-4		< 0.00077		< 0.00075		0.0089		< 0.00075	
Toluene	108-88-3		< 0.00094		< 0.00092		< 0.00094		< 0.00092	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6		< 0.001		< 0.001		< 0.001		< 0.001	
Trichlorobenzene, 1,2,4-	120-82-1		< 0.001		< 0.001		< 0.001		< 0.001	
Trichloroethane, 1,1,1-	71-55-6		< 0.00069		< 0.00067		< 0.00068		< 0.0068	
Trichloroethane, 1,1,2-	79-00-5		< 0.0019		< 0.0019		< 0.0019		< 0.0019	
Trichloroethene	79-01-6		0.0272		< 0.0016		< 0.0017		0.0743	
Trichlorofluoromethane	75-69-4		< 0.00069		< 0.00067		< 0.00069		< 0.00068	
Trichloropropane, 1,2,3-	96-18-4		< 0.0017		< 0.0017		< 0.0017		< 0.0017	
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6		< 0.00085		< 0.00082		< 0.00084		< 0.00083	
Trimethylbenzene, 1,3,5-	108-67-8		< 0.00098		< 0.00095		< 0.00097		< 0.00096	
Vinyl Chloride	75-01-4		< 0.001		< 0.00099		< 0.001		< 0.00099	
Xylene, o-	95-47-6		< 0.00064		< 0.00062		< 0.00063		< 0.00062	
Xylenes	1330-20-7		< 0.0021		< 0.002		< 0.0021		< 0.002	
Xylenes, m & p			< 0.0014		< 0.0014		< 0.0014		< 0.0014	
SVOCs										
Acenaphthene	83-32-9		< 0.0014		< 0.0014		0.0068 J		0.0035 Y	
Acenaphthylene	208-96-8									
Aniline	62-53-3		< 0.23		< 0.22		< 0.22		< 0.22	
Anthracene	120-12-7		< 0.0015		< 0.0016		0.0239		< 0.0016	
Benzidine	92-87-5		< 0.38		< 0.37		< 0.37		< 0.38	
Benzo[a]anthracene	56-55-3		0.0029 J		< 0.0013		0.0195		< 0.0013	
Benzo[a]pyrene	50-32-8		< 0.0043		< 0.0044		< 0.0044		< 0.0044	
Benzo[b]fluoranthene	205-99-2		< 0.0043		< 0.0043		0.0235		< 0.0044	
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9		< 0.0053		< 0.0053		0.0181		< 0.0054	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTU7	BLDG50DPTV10	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV7	BLDG50DPTV7	BLDG50DPTW11	BLDG50DPTW11
		12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHU71012-06-99	BHV101012-16-04	BHV101012-16-98	BHV111012-13-06	BHV111012-13-98	BHV71012-05-04	BHV71012-05-99	BHW111012-04-07	BHW111012-04-99
Benzoic Acid	65-85-0		< 0.078		< 0.077		< 0.077		< 0.078	
Benzyl Alcohol	100-51-6		< 0.057		< 0.057		< 0.056		< 0.057	
Bis(2-chloroethoxy)methane	111-91-1		< 0.044		< 0.043		< 0.043		< 0.044	
bis(2-Chloroisopropyl)ether	39638-32-9		< 0.068		< 0.067		< 0.067		< 0.067	
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.088		< 0.087		< 0.087		< 0.088	
Bromophenyl phenyl ether, 4-	101-55-3		< 0.057		< 0.056		< 0.056		< 0.056	
Butyl Benzyl Phthlate	85-68-7		< 0.057		< 0.056		< 0.056		< 0.056	
Carbazole	86-74-8		< 0.039		< 0.038		< 0.038		< 0.038	
Chloroaniline, p-	106-47-8		< 0.15		< 0.15		< 0.15		< 0.15	
Chlorophenyl-phenylether, 4-	7005-72-3		< 0.059		< 0.058		< 0.058		< 0.058	
Chrysene	218-01-9		0.0041 J		< 0.002		0.022		< 0.002	
Cresol, 3&4-			< 0.12		< 0.11		< 0.11		< 0.12	
Cresol, o-	95-48-7		< 0.039		< 0.039		< 0.039		< 0.039	
Dibenz[a,h]anthracene	53-70-3		< 0.0078		< 0.0079		< 0.0079		< 0.008	
Dibenzofuran	132-64-9		< 0.055		< 0.054		< 0.054		< 0.054	
Dibutyl Phthalate	84-74-2		< 0.056		< 0.055		< 0.055		< 0.056	
Dichlorobenzidine, 3,3'-	91-94-1		< 0.09		< 0.089		< 0.089		< 0.09	
Dichlorophenol, 2,4-	120-83-2		< 0.05		< 0.05		< 0.05		< 0.05	
Diethyl Phthalate	84-66-2		< 0.052		< 0.051		< 0.051		< 0.051	
Dimethyl phthalate	131-11-3		< 0.06		< 0.059		< 0.059		< 0.06	
Dimethylphenol, 2,4-	105-67-9		< 0.037		< 0.037		< 0.037		< 0.037	
Dinitro-o-cresol, 4,6-	534-52-1		< 0.083		< 0.082		< 0.082		< 0.083	
Dinitrophenol, 2,4-	51-28-5		< 0.52		< 0.51		< 0.51		< 0.52	
Dinitrotoluene, 2,4-	121-14-2		< 0.045		< 0.045		< 0.045		< 0.045	
Dinitrotoluene, 2,6-	606-20-2		< 0.056		< 0.055		< 0.055		< 0.055	
Di-n-octylphthalate			< 0.049		< 0.048		< 0.048		< 0.049	
Diphenylhydrazine, 1,2-	122-66-7		< 0.055		< 0.054		< 0.054		< 0.054	
Fluoranthene	206-44-0		0.0032 J		< 0.0018		0.0574		< 0.0018	
Fluorene	86-73-7		< 0.0029		< 0.0029		0.011		< 0.0029	
Hexachlorobenzene	118-74-1		< 0.06		< 0.059		< 0.059		< 0.06	
Hexachlorocyclopentadiene	77-47-4		< 0.35		< 0.34		< 0.34		< 0.34	
Hexachloroethane	67-72-1		< 0.054		< 0.053		< 0.053		< 0.054	
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1		< 0.045		< 0.044		< 0.044		< 0.045	
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4		< 0.078		< 0.077		< 0.077		< 0.077	
Nitroaniline, 3-	99-09-2		< 0.084		< 0.082		< 0.082		< 0.083	
Nitroaniline, 4-	100-01-6		< 0.11		< 0.11		< 0.11		< 0.11	
Nitrophenol, 2-	88-75-5		< 0.048		< 0.047		< 0.047		< 0.048	
Nitrophenol, 4-	100-02-7		< 0.52		< 0.51		< 0.51		< 0.51	
Nitrosodimethylamine, N-	62-75-9		< 0.045		< 0.045		< 0.045		< 0.045	
Nitroso-di-N-propylamine, N-	621-64-7		< 0.052		< 0.051		< 0.051		< 0.051	
Nitrosodiphenylamine, N-	86-30-6		< 0.052		< 0.051		< 0.051		< 0.052	
Pentachlorophenol	87-86-5		< 0.085		< 0.083		< 0.083		< 0.084	
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTU7	BLDG50DPTV10	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV7	BLDG50DPTV7	BLDG50DPTW11	BLDG50DPTW11
		12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHU71012-06-99	BHV101012-16-04	BHV101012-16-98	BHV111012-13-06	BHV111012-13-98	BHV71012-05-04	BHV71012-05-99	BHW111012-04-07	BHW111012-04-99
Phenol	108-95-2		< 0.037		< 0.036		< 0.036		< 0.037	
Pyrene	129-00-0		0.0083		< 0.0028		0.0616		< 0.0028	
Pyridine	110-86-1		< 0.036		< 0.035		< 0.035		< 0.036	
Trichlorophenol, 2,4,5-	95-95-4		< 0.054		< 0.053		< 0.053		< 0.053	
Trichlorophenol, 2,4,6-	88-06-2		< 0.065		< 0.064		< 0.064		< 0.064	
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2		8		7.6		7.9		7.9	
Barium	7440-39-3		168		118		257		192	
Cadmium	7440-43-9		0.076 J		< 0.019		0.18 J		0.11 J	
Calcium	7440-70-2									
Chromium, Total	7440-47-3		17.5		24.6		28.2		20.8	
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1		15.7		17.3		16		19.3	
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6		0.026		0.02		0.016 J		0.024	
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2		< 0.22		< 0.19		< 0.19		< 0.2	
Silver	7440-22-4		< 0.09		< 0.077		< 0.076		< 0.083	
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
PCB-001		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-002		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-003		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-004		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-005		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-006		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-007		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-008		4.6E-06		< 1.8E-05		3.1E-06 B		< 1.9E-05		5.6E-06
PCB-009		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-010		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-011		< 8.8E-05		< 0.0009		< 9.3E-05		< 0.00094		< 9.3E-05

Table A-2
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Bannister Federal Complex

Chemical	CAS	BLDG50DPTU7	BLDG50DPTV10	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV7	BLDG50DPTV7	BLDG50DPTW11	BLDG50DPTW11
		12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHU71012-06-99	BHV101012-16-04	BHV101012-16-98	BHV111012-13-06	BHV111012-13-98	BHV71012-05-04	BHV71012-05-99	BHW111012-04-07	BHW111012-04-99
PCB-012		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-013		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-014		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-015		< 8.8E-06		< 9E-05		< 9.3E-06		< 9.4E-05		< 9.3E-06
PCB-016		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-017		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-018		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-019		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-020		< 1.8E-05		< 0.00018		< 1.9E-05		< 0.00019		< 1.9E-05
PCB-021		< 1.8E-05		< 0.00018		< 1.9E-05		< 0.00019		< 1.9E-05
PCB-022		< 8.8E-06		< 9E-05		< 9.3E-06		< 9.4E-05		< 9.3E-06
PCB-023		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-024		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-025		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-026		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-027		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-028		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-029		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-030		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-031		< 8.8E-06		< 9E-05		< 9.3E-06		< 9.4E-05		< 9.3E-06
PCB-032		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-033		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-034		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-035		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-036		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-037		< 8.8E-06		< 9E-05		< 9.3E-06		< 9.4E-05		< 9.3E-06
PCB-038		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-039		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-040		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-041		< 8.8E-05		< 0.0009		< 9.3E-05		< 0.00094		< 9.3E-05
PCB-042		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-043		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-044		< 5.3E-06		< 5.4E-05		< 5.6E-06		< 5.6E-05		< 5.6E-06
PCB-045		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-046		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-047		< 5.3E-06		< 5.4E-05		< 5.6E-06		< 5.6E-05		< 5.6E-06
PCB-048		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-049		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-050		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-051		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-052		3.5E-06		2.8E-05		3.3E-06		< 1.9E-05		2.5E-06
PCB-053		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-054		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-055		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-056		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-057		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTU7	BLDG50DPTV10	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV7	BLDG50DPTV7	BLDG50DPTW11	BLDG50DPTW11
		12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHU71012-06-99	BHV101012-16-04	BHV101012-16-98	BHV111012-13-06	BHV111012-13-98	BHV71012-05-04	BHV71012-05-99	BHW111012-04-07	BHW111012-04-99
PCB-058		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-059		< 5.3E-06		< 5.4E-05		< 5.6E-06		< 5.6E-05		< 5.6E-06
PCB-060		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-061		< 7.1E-06		< 7.2E-05		< 7.4E-06		< 7.5E-05		< 7.5E-06
PCB-062		< 5.3E-06		< 5.4E-05		< 5.6E-06		< 5.6E-05		< 5.6E-06
PCB-063		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-064		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-065		< 5.3E-06		< 5.4E-05		< 5.6E-06		< 5.6E-05		< 5.6E-06
PCB-066		< 8.8E-06		< 9E-05		< 9.3E-06		< 9.4E-05		< 9.3E-06
PCB-067		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-068		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-069		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-070		< 7.1E-06		< 7.2E-05		< 7.4E-06		< 7.5E-05		< 7.5E-06
PCB-071		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-072		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-073		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-074		< 7.1E-06		< 7.2E-05		< 7.4E-06		< 7.5E-05		< 7.5E-06
PCB-075		< 5.3E-06		< 5.4E-05		< 5.6E-06		< 5.6E-05		< 5.6E-06
PCB-076		< 7.1E-06		< 7.2E-05		< 7.4E-06		< 7.5E-05		< 7.5E-06
PCB-077	32598-13-3	< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-078		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-079		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-080		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-081	70362-50-4	< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-082		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-083		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-084		< 1.8E-06		3.1E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-085		< 5.3E-06		< 5.4E-05		< 5.6E-06		< 5.6E-05		< 5.6E-06
PCB-086		< 1.1E-05		< 0.00011		< 1.1E-05		< 0.00011		< 1.1E-05
PCB-087		< 1.1E-05		< 0.00011		< 1.1E-05		< 0.00011		< 1.1E-05
PCB-088		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-089		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-090		1.3E-05 C		0.00057 C		1.8E-05 C		< 5.6E-05		< 5.6E-06
PCB-091		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-092		< 1.8E-06		8E-05		2E-06		< 1.9E-05		< 1.9E-06
PCB-093		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-094		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-095		1E-05		0.00098		1.4E-05 B		< 1.9E-05		2.4E-06
PCB-096		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-097		< 1.1E-05		< 0.00011		< 1.1E-05		< 0.00011		< 1.1E-05
PCB-098		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-099		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-100		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-101		1.3E-05 C90		0.00057 C90		1.8E-05 C90		< 5.6E-05		< 5.6E-06
PCB-102		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-103		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTU7	BLDG50DPTV10	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV7	BLDG50DPTV7	BLDG50DPTW11	BLDG50DPTW11
		12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHU71012-06-99	BHV101012-16-04	BHV101012-16-98	BHV111012-13-06	BHV111012-13-98	BHV71012-05-04	BHV71012-05-99	BHW111012-04-07	BHW111012-04-99
PCB-104		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-105	32598-14-4	< 1.8E-06		< 1.8E-05		2E-06		< 1.9E-05		< 1.9E-06
PCB-106		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-107		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-108		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-109		< 1.1E-05		< 0.00011		< 1.1E-05		< 0.00011		< 1.1E-05
PCB-110		7.5E-06 C		0.00042 C		1E-05 C		< 3.8E-05		< 3.7E-06
PCB-111		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-112		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-113		1.3E-05 C90		0.00057 C90		1.8E-05 C90		< 5.6E-05		< 5.6E-06
PCB-114	74472-37-0	< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-115		7.5E-06 C11		0.00042 C11		1E-05 C11		< 3.8E-05		< 3.7E-06
PCB-116		< 5.3E-06		< 5.4E-05		< 5.6E-06		< 5.6E-05		< 5.6E-06
PCB-117		< 5.3E-06		< 5.4E-05		< 5.6E-06		< 5.6E-05		< 5.6E-06
PCB-118	31508-00-6	4.4E-06		0.00014		6.6E-06		< 1.9E-05		2.5E-06
PCB-119		< 1.1E-05		< 0.00011		< 1.1E-05		< 0.00011		< 1.1E-05
PCB-120		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-121		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-122		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-123	65510-44-3	< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-124		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-125		< 1.1E-05		< 0.00011		< 1.1E-05		< 0.00011		< 1.1E-05
PCB-126	57465-28-8	< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-127		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-128		< 3.5E-06		0.00014 C		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-129		3.3E-05 C		0.0037 C		5.1E-05 C		< 5.6E-05		7.2E-06 C
PCB-130		< 1.8E-06		9.1E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-131		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-132		9.3E-06		0.00112		1.5E-05		< 1.9E-05		< 1.9E-06
PCB-133		< 1.8E-06		3.5E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-134		< 1.8E-06		0.00014		1.9E-06		< 1.9E-05		< 1.9E-06
PCB-135		1.6E-05 C		0.00197 C		2.4E-05 C		< 3.8E-05		< 3.7E-06
PCB-136		5.5E-06		0.00067		8.3E-06		< 1.9E-05		< 1.9E-06
PCB-137		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-138		3.3E-05 C12		0.0037 C12		5.1E-05 C12		< 5.6E-05		7.2E-06 C12
PCB-139		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-140		< 3.5E-06		< 3.6E-05		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-141		8.8E-06		0.00106		1.4E-05		< 1.9E-05		< 1.9E-06
PCB-142		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-143		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-144		2.2E-06		0.00023		3.3E-06		< 1.9E-05		< 1.9E-06
PCB-145		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-146		4E-06		0.00049		5.9E-06		< 1.9E-05		< 1.9E-06
PCB-147		3.3E-05 C		0.0039 C		5.1E-05 C		5.4E-05 C		4.3E-06 C
PCB-148		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-149		3.3E-05 C14		0.0039 C14		5.1E-05 C14		5.4E-05 C14		4.3E-06 C14

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTU7	BLDG50DPTV10	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV7	BLDG50DPTV7	BLDG50DPTW11	BLDG50DPTW11
		12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHU71012-06-99	BHV101012-16-04	BHV101012-16-98	BHV111012-13-06	BHV111012-13-98	BHV71012-05-04	BHV71012-05-99	BHW111012-04-07	BHW111012-04-99
PCB-150		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-151		1.6E-05 C13		0.00197 C13		2.4E-05 C13		< 3.8E-05		< 3.7E-06
PCB-152		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-153		3.5E-05 C		0.00361 C		5.2E-05 C		5.7E-05 C		6.4E-06 C
PCB-154		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-155		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-156		< 3.5E-06		0.00014 C		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-157	69782-90-7	< 3.5E-06		0.00014 C15		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-158		2.6E-06		0.00027		3.8E-06		< 1.9E-05		< 1.9E-06
PCB-159		< 1.8E-06		8.1E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-160		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-161		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-162		< 1.8E-06		4.5E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-163		3.3E-05 C12		0.0037 C12		5.1E-05 C12		< 5.6E-05		7.2E-06 C12
PCB-164		2.3E-06		0.00027		3.4E-06		< 1.9E-05		< 1.9E-06
PCB-165		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-166		< 3.5E-06		0.00014 C12		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-167	52663-72-6	< 1.8E-06		6.9E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-168		3.5E-05 C15		0.00361 C15		5.2E-05 C15		5.7E-05 C15		6.4E-06 C15
PCB-169	32774-16-6	< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-170		1.4E-05		0.00173		2.1E-05		2.8E-05		2.5E-06
PCB-171		4.3E-06 C		0.00056 C		5.9E-06 C		< 3.8E-05		< 3.7E-06
PCB-172		2.6E-06		0.00032		3.5E-06		< 1.9E-05		< 1.9E-06
PCB-173		4.3E-06 C17		0.00056 C17		5.9E-06 C17		< 3.8E-05		< 3.7E-06
PCB-174		1.6E-05		0.00221		2.3E-05		3.1E-05		2.2E-06
PCB-175		< 1.8E-06		7.1E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-176		2E-06		0.00028		3E-06		< 1.9E-05		< 1.9E-06
PCB-177		9E-06		0.00128		1.3E-05		< 1.9E-05		< 1.9E-06
PCB-178		3E-06		0.0004		4.1E-06		< 1.9E-05		< 1.9E-06
PCB-179		6.7E-06		0.00097		9.9E-06		< 1.9E-05		< 1.9E-06
PCB-180		3.5E-05 C		0.00455 C		4.9E-05 C		6.4E-05 C		5.6E-06 C
PCB-181		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-182		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-183		1E-05 C		0.00137 C		1.5E-05 C		< 3.8E-05		< 3.7E-06
PCB-184		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-185		1E-05 C18		0.00137 C18		1.5E-05 C18		< 3.8E-05		< 3.7E-06
PCB-186		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-187		1.8E-05		0.00232		2.6E-05		3E-05		3.9E-06
PCB-188		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-189	39635-31-9	< 1.8E-06		5E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-190		2.8E-06		0.00034		4.1E-06		< 1.9E-05		< 1.9E-06
PCB-191		< 1.8E-06		6.7E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-192		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-193		3.5E-05 C18		0.00455 C18		4.9E-05 C18		6.4E-05 C18		5.6E-06 C18
PCB-194		6.3E-06		0.00084		1E-05		2.1E-05		< 1.9E-06
PCB-195		2.8E-06		0.00038		4.2E-06		< 1.9E-05		< 1.9E-06

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTU7	BLDG50DPTV10	BLDG50DPTV10	BLDG50DPTV11	BLDG50DPTV11	BLDG50DPTV7	BLDG50DPTV7	BLDG50DPTW11	BLDG50DPTW11
		12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
		BHU71012-06-99	BHV101012-16-04	BHV101012-16-98	BHV111012-13-06	BHV111012-13-98	BHV71012-05-04	BHV71012-05-99	BHW111012-04-07	BHW111012-04-99
PCB-196		3.5E-06		0.00048		5.3E-06		< 1.9E-05		< 1.9E-06
PCB-197		< 3.5E-06		0.00014 C		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-198		6.4E-06 C		0.00088 C		9.9E-06 C		< 3.8E-05		< 3.7E-06
PCB-199		6.4E-06 C19		0.00088 C19		9.9E-06 C19		< 3.8E-05		< 3.7E-06
PCB-200		< 3.5E-06		0.00014 C19		< 3.7E-06		< 3.8E-05		< 3.7E-06
PCB-201		< 1.8E-06		0.00012		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-202		< 1.8E-06		0.00013		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-203		3.7E-06		0.00051		5.6E-06		< 1.9E-05		< 1.9E-06
PCB-204		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-205		< 1.8E-06		4.4E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-206		< 1.8E-06		0.00015		2.2E-06		< 1.9E-05		< 1.9E-06
PCB-207		< 1.8E-06		2E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-208		< 1.8E-06		2.4E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
PCB-209		< 1.8E-06		< 1.8E-05		< 1.9E-06		< 1.9E-05		< 1.9E-06
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics			< 0.2		< 0.2		< 0.2		< 0.2	
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTX7	BLDG50DPTX7	BLDG50DPTY10	BLDG50DPTY10	BLDG50DPTY12	BLDG50DPTY12	BLDG50DPTY5	BLDG50DPTY5	BLDG50DPTY7
		12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010
		BHX71012-02-04	BHX71012-02-99	BHY101012-01-07	BHY101012-01-99	BHY121012-15-02	BHY121012-15-98	BHY51012-11-02	BHY51012-11-99	BHY71012-03-06
VOCs										
Acetone	67-64-1	< 0.01		< 0.0083		< 0.0075		< 0.0088		< 0.0079
Benzene	71-43-2	< 0.00088		< 0.0007		< 0.00063		< 0.00074		< 0.00066
Bis(2-chloroethyl)ether	111-44-4	< 0.057		< 0.05		< 0.048		< 0.05		< 0.048
Bromobenzene	108-86-1	< 0.0007		< 0.00055		< 0.0005		< 0.00059		< 0.00053
Bromochloromethane	74-97-5	< 0.00074		< 0.00058		< 0.00053		< 0.00062		< 0.00055
Bromodichloromethane	75-27-4	< 0.00094		< 0.00074		< 0.00067		< 0.00079		< 0.0007
Bromoform	75-25-2	< 0.0012		< 0.00092		< 0.00084		< 0.00098		< 0.00088
Bromomethane	74-83-9	< 0.0015		< 0.0012		< 0.0011		< 0.0013		< 0.0011
Butylbenzene, n-	104-51-8	< 0.00088		< 0.00069		< 0.00063		< 0.00074		< 0.00066
Butylbenzene, sec-	135-98-8	< 0.00097		< 0.00077		< 0.0007		< 0.00082		< 0.0073
Butylbenzene, tert-	98-06-6	< 0.0013		< 0.001		< 0.00094		< 0.0011		< 0.00099
Carbon Disulfide	75-15-0	< 0.00071		< 0.00056		< 0.00051		< 0.0006		< 0.00053
Carbon Tetrachloride	56-23-5	< 0.00081		< 0.00064		< 0.00058		< 0.00068		< 0.00061
Chlorobenzene	108-90-7	< 0.00071		< 0.00056		< 0.00051		< 0.0006		< 0.00053
Chloroethane	75-00-3	< 0.0012		< 0.00091		< 0.00083		< 0.00097		< 0.00087
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.00077		< 0.0006		< 0.00055		< 0.00064		< 0.00057
Chloromethane	74-87-3	< 0.0014		< 0.0011		< 0.001		< 0.0012		< 0.0011
Chloronaphthalene, Beta-	91-58-7	< 0.052		< 0.046		< 0.044		< 0.046		< 0.044
Chlorophenol, 2-	95-57-8	< 0.067		< 0.059		< 0.057		< 0.059		< 0.057
Chlorotoluene, o-	95-49-8	< 0.0011		< 0.00084		< 0.00077		< 0.0009		< 0.0008
Chlorotoluene, p-	106-43-4	< 0.0014		< 0.0011		< 0.00098		< 0.0011		< 0.001
cis-1,3-Dichloropropene	10061-01-5	< 0.00068		< 0.00054		< 0.00049		< 0.00057		< 0.00051
Cresol, p-chloro-m-	59-50-7	< 0.053		< 0.047		< 0.045		< 0.047		< 0.045
Dibromo-3-chloropropane, 1,2-	96-12-8	< 0.0034		< 0.0027		< 0.0024		< 0.0028		< 0.0025
Dibromochloromethane	124-48-1	< 0.00069		< 0.00055		< 0.0005		< 0.00058		< 0.00052
Dibromoethane, 1,2-	106-93-4	< 0.0013		< 0.00099		< 0.0009		< 0.0011		< 0.00094
Dibromomethane (Methylene Bromide)	74-95-3	< 0.0012		< 0.00093		< 0.00085		< 0.00099		< 0.00089
Dichlorobenzene, 1,2-	95-50-1	< 0.00091		< 0.00072		< 0.00065		< 0.00076		< 0.00068
Dichlorobenzene, 1,3-	541-73-1	< 0.00091		< 0.00072		< 0.00065		< 0.00076		< 0.00068
Dichlorobenzene, 1,4-	106-46-7	< 0.00088		< 0.0007		< 0.00063		< 0.00074		< 0.00066
Dichlorodifluoromethane	75-71-8	< 0.0015		< 0.0012		< 0.0011		< 0.0013		< 0.0011
Dichloroethane, 1,1-	75-34-3	< 0.0011		< 0.0009		< 0.00082		< 0.00096		< 0.00086
Dichloroethane, 1,2-	107-06-2	< 0.00085		< 0.00067		< 0.00061		< 0.00071		< 0.00064
Dichloroethene, 1,1-	75-35-4	< 0.00098		< 0.00077		< 0.0007		< 0.00082		< 0.00073
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	< 0.0013		0.0021 J		< 0.00092		< 0.0011		< 0.00096
Dichloroethylene, 1,2-trans-	156-60-5	< 0.00099		< 0.0078		< 0.00071		< 0.00084		< 0.00075
Dichloropropane, 1,2-	78-87-5	< 0.001		< 0.0008		< 0.00073		< 0.00085		< 0.00076
Dichloropropane, 1,3-	142-28-9	< 0.00089		< 0.0007		< 0.00064		< 0.00075		< 0.00067
Dichloropropane, 2,2-	594-20-7	< 0.00073		< 0.00058		< 0.00053		< 0.00062		< 0.00055
Dichloropropene, 1,1-	563-58-6	< 0.00083		< 0.00066		< 0.0006		< 0.0007		< 0.00063
Dichloropropene, trans-1,3-	10061-02-6	< 0.00079		< 0.00063		< 0.00057		< 0.00067		< 0.00059
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTX7	BLDG50DPTX7	BLDG50DPTY10	BLDG50DPTY10	BLDG50DPTY12	BLDG50DPTY12	BLDG50DPTY5	BLDG50DPTY5	BLDG50DPTY7
		12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010
		BHX71012-02-04	BHX71012-02-99	BHY101012-01-07	BHY101012-01-99	BHY121012-15-02	BHY121012-15-98	BHY51012-11-02	BHY51012-11-99	BHY71012-03-06
Ethylbenzene	100-41-4	< 0.0011		< 0.0009		< 0.00082		< 0.00096		< 0.00086
Hexachlorobutadiene	87-68-3	< 0.0014		< 0.0011		< 0.001		< 0.0012		< 0.0011
Hexanone, 2-	591-78-6	< 0.0083		< 0.0066		< 0.006		< 0.007		< 0.0062
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8	< 0.00088		< 0.0007		< 0.00063		< 0.00074		< 0.00066
Isopropyltoluene, p-	99-87-6	< 0.0011		< 0.0009		< 0.00082		< 0.00096		< 0.00086
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.0073		< 0.0058		< 0.0052		< 0.0061		< 0.0055
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.007		< 0.0055		< 0.005		< 0.0059		< 0.0053
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.003		0.0094 J		< 0.0021		0.0104 J		0.0025 J
Naphthalene	91-20-3	0.0041 J		0.0011 J		< 0.00079		< 0.00092		< 0.00082
Nitrobenzene	98-95-3	< 0.039		< 0.034		< 0.033		< 0.034		< 0.033
Propylbenzene, n-	103-65-1	< 0.00093		< 0.00073		< 0.00067		< 0.00078		< 0.0007
Styrene	100-42-5	< 0.00098		< 0.00077		< 0.0007		< 0.00082		< 0.00073
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.00054		< 0.00042		< 0.00038		< 0.00045		< 0.0004
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.0017		< 0.0013		< 0.0012		< 0.0014		< 0.0013
Tetrachloroethene	127-18-4	0.0024 J		< 0.00077		< 0.0007		< 0.00082		< 0.00073
Toluene	108-88-3	< 0.0012		< 0.00095		< 0.00086		< 0.001		< 0.0009
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6	< 0.0013		< 0.001		< 0.00094		< 0.0011		< 0.00099
Trichlorobenzene, 1,2,4-	120-82-1	< 0.0013		< 0.001		< 0.00093		< 0.0011		< 0.00098
Trichloroethane, 1,1,1-	71-55-6	< 0.00088		< 0.00069		< 0.00063		< 0.00074		< 0.0006
Trichloroethane, 1,1,2-	79-00-5	< 0.0025		< 0.0019		< 0.0018		< 0.0021		< 0.0018
Trichloroethene	79-01-6	< 0.0022		0.116		< 0.0015		< 0.0018		< 0.0016
Trichlorofluoromethane	75-69-4	< 0.00088		< 0.0007		< 0.00063		< 0.00074		< 0.00066
Trichloropropane, 1,2,3-	96-18-4	< 0.0022		< 0.0017		< 0.0016		< 0.0018		< 0.0016
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.0011		< 0.00085		< 0.00077		< 0.0009		< 0.00081
Trimethylbenzene, 1,3,5-	108-67-8	< 0.0012		< 0.00098		< 0.00089		< 0.001		< 0.00093
Vinyl Chloride	75-01-4	< 0.0013		< 0.001		< 0.00093		< 0.0011		< 0.0097
Xylene, o-	95-47-6	< 0.00081		< 0.00064		< 0.00058		< 0.00068		< 0.00061
Xylenes	1330-20-7	< 0.0026		< 0.0021		< 0.0019		< 0.0022		< 0.002
Xylenes, m & p		< 0.0018		< 0.0014		< 0.0013		< 0.0015		< 0.0014
SVOCs										
Acenaphthene	83-32-9	0.0059 J		< 0.0014		< 0.0014		< 0.0014		< 0.0014
Acenaphthylene	208-96-8									
Aniline	62-53-3	< 0.26		< 0.23		< 0.22		< 0.23		< 0.22
Anthracene	120-12-7	0.0179		0.0049 J		< 0.0015		< 0.0016		< 0.0016
Benzidine	92-87-5	< 0.43		< 0.38		< 0.37		< 0.38		< 0.37
Benzo[a]anthracene	56-55-3	0.144		0.008 J		< 0.0013		< 0.0014		0.0042 J
Benzo[a]pyrene	50-32-8	0.137		< 0.0045		< 0.0043		< 0.0045		< 0.0044
Benzo[b]fluoranthene	205-99-2	0.158		0.0198		< 0.0043		< 0.0045		0.0135
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9	0.0743		0.0278		< 0.0053		< 0.0055		< 0.0053

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTX7	BLDG50DPTX7	BLDG50DPTY10	BLDG50DPTY10	BLDG50DPTY12	BLDG50DPTY12	BLDG50DPTY5	BLDG50DPTY5	BLDG50DPTY7
		12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010
		BHX71012-02-04	BHX71012-02-99	BHY101012-01-07	BHY101012-01-99	BHY121012-15-02	BHY121012-15-98	BHY51012-11-02	BHY51012-11-99	BHY71012-03-06
Benzoic Acid	65-85-0	< 0.09		< 0.079		< 0.076		< 0.079		< 0.076
Benzyl Alcohol	100-51-6	< 0.066		< 0.058		< 0.056		< 0.058		< 0.056
Bis(2-chloroethoxy)methane	111-91-1	< 0.051		< 0.045		< 0.043		< 0.045		< 0.043
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.078		< 0.069		< 0.066		< 0.069		< 0.066
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.1		< 0.089		< 0.086		< 0.09		< 0.086
Bromophenyl phenyl ether, 4-	101-55-3	< 0.065		< 0.057		< 0.055		< 0.057		< 0.055
Butyl Benzyl Phthlate	85-68-7	< 0.065		< 0.057		< 0.055		< 0.057		< 0.055
Carbazole	86-74-8	< 0.044		< 0.039		< 0.038		< 0.039		< 0.038
Chloroaniline, p-	106-47-8	< 0.17		< 0.15		< 0.15		< 0.15		< 0.15
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.067		< 0.059		< 0.057		< 0.06		< 0.057
Chrysene	218-01-9	0.161		0.0094		< 0.002		< 0.0021		0.0061 J
Cresol, 3&4-		< 0.13		< 0.12		< 0.11		< 0.12		< 0.11
Cresol, o-	95-48-7	< 0.045		< 0.04		< 0.038		< 0.04		< 0.038
Dibenz[a,h]anthracene	53-70-3	0.0257		< 0.0081		< 0.0078		< 0.0082		< 0.0079
Dibenzofuran	132-64-9	< 0.063		< 0.055		< 0.053		< 0.055		< 0.053
Dibutyl Phthalate	84-74-2	< 0.064		< 0.057		< 0.055		< 0.057		< 0.055
Dichlorobenzidine, 3,3'-	91-94-1	< 0.1		< 0.091		< 0.088		< 0.092		< 0.088
Dichlorophenol, 2,4-	120-83-2	< 0.058		< 0.051		< 0.049		< 0.051		< 0.049
Diethyl Phthalate	84-66-2	< 0.059		< 0.052		< 0.05		< 0.052		< 0.05
Dimethyl phthalate	131-11-3	< 0.069		< 0.061		< 0.058		< 0.061		< 0.059
Dimethylphenol, 2,4-	105-67-9	< 0.043		< 0.038		< 0.036		< 0.038		< 0.036
Dinitro-o-cresol, 4,6-	534-52-1	< 0.095		< 0.084		< 0.081		< 0.085		< 0.081
Dinitrophenol, 2,4-	51-28-5	< 0.6		< 0.53		< 0.51		< 0.53		< 0.51
Dinitrotoluene, 2,4-	121-14-2	< 0.052		< 0.046		< 0.044		< 0.046		< 0.044
Dinitrotoluene, 2,6-	606-20-2	< 0.064		< 0.056		< 0.054		< 0.057		< 0.055
Di-n-octylphthalate		< 0.056		< 0.05		< 0.048		< 0.05		< 0.048
Diphenylhydrazine, 1,2-	122-66-7	< 0.063		< 0.055		< 0.053		< 0.055		< 0.053
Fluoranthene	206-44-0	0.297		0.0293		< 0.0018		< 0.0019		0.0151
Fluorene	86-73-7	0.0069 J		< 0.003		< 0.0029		< 0.003		< 0.0029
Hexachlorobenzene	118-74-1	< 0.069		< 0.061		< 0.059		< 0.061		< 0.059
Hexachlorocyclopentadiene	77-47-4	< 0.4		< 0.35		< 0.34		< 0.35		< 0.34
Hexachloroethane	67-72-1	< 0.062		< 0.055		< 0.053		< 0.055		< 0.053
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1	< 0.052		< 0.045		< 0.044		< 0.046		< 0.044
Methylnaphthalene, 1-	90-12-0									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4	< 0.089		< 0.079		< 0.076		< 0.079		< 0.076
Nitroaniline, 3-	99-09-2	< 0.096		< 0.085		< 0.082		< 0.085		< 0.082
Nitroaniline, 4-	100-01-6	< 0.13		< 0.11		< 0.11		< 0.11		< 0.11
Nitrophenol, 2-	88-75-5	< 0.055		< 0.048		< 0.047		< 0.049		< 0.047
Nitrophenol, 4-	100-02-7	< 0.59		< 0.52		< 0.5		< 0.52		< 0.5
Nitrosodimethylamine, N-	62-75-9	< 0.052		< 0.046		< 0.044		< 0.046		< 0.044
Nitroso-di-N-propylamine, N-	621-64-7	< 0.059		< 0.052		< 0.05		< 0.052		< 0.05
Nitrosodiphenylamine, N-	86-30-6	< 0.06		< 0.053		< 0.051		< 0.053		< 0.051
Pentachlorophenol	87-86-5	< 0.097		< 0.085		< 0.082		< 0.086		< 0.083
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTX7	BLDG50DPTX7	BLDG50DPTY10	BLDG50DPTY10	BLDG50DPTY12	BLDG50DPTY12	BLDG50DPTY5	BLDG50DPTY5	BLDG50DPTY7
		12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010
		BHX71012-02-04	BHX71012-02-99	BHY101012-01-07	BHY101012-01-99	BHY121012-15-02	BHY121012-15-98	BHY51012-11-02	BHY51012-11-99	BHY71012-03-06
Phenol	108-95-2	< 0.042		< 0.037		< 0.036		< 0.037		< 0.036
Pyrene	129-00-0	0.337		0.0182		< 0.0028		< 0.0029		0.0121
Pyridine	110-86-1	< 0.041		< 0.036		< 0.035		< 0.036		< 0.035
Trichlorophenol, 2,4,5-	95-95-4	< 0.062		< 0.054		< 0.052		< 0.055		< 0.052
Trichlorophenol, 2,4,6-	88-06-2	< 0.074		< 0.066		< 0.063		< 0.066		< 0.063
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2	4.1		8.4		6		8.9		7.7
Barium	7440-39-3	73.7		182		164		178		164
Cadmium	7440-43-9	0.4 J		0.53		0.026 J		0.069 J		0.11 J
Calcium	7440-70-2									
Chromium, Total	7440-47-3	13.5		21.8		16		25		22.3
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1	77		10.5		10.8		15.9		15.6
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	0.045		0.016 J		0.011 J		0.019		0.011 J
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	0.36 J		< 0.17		< 0.2		< 0.22		< 0.19
Silver	7440-22-4	< 0.099		0.097 J		< 0.08		< 0.089		< 0.077
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
PCB-001			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-002			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-003			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-004			2.4E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-005			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-006			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-007			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-008			5.2E-05		6.5E-06		2.8E-06 B		6.4E-06 B	
PCB-009			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-010			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-011			< 0.00093		< 9.2E-05		< 9.1E-05		< 9.3E-05	

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Bannister Federal Complex

Chemical	CAS	BLDG50DPTX7	BLDG50DPTX7	BLDG50DPTY10	BLDG50DPTY10	BLDG50DPTY12	BLDG50DPTY12	BLDG50DPTY5	BLDG50DPTY5	BLDG50DPTY7
		12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010
		BHX71012-02-04	BHX71012-02-99	BHY101012-01-07	BHY101012-01-99	BHY121012-15-02	BHY121012-15-98	BHY51012-11-02	BHY51012-11-99	BHY71012-03-06
PCB-012			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-013			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-014			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-015			0.00017		< 9.2E-06		< 9.1E-06		< 9.3E-06	
PCB-016			8E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-017			7.3E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-018			0.0002 C		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-019			3.3E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-020			0.00058 C		< 1.9E-05		< 1.8E-05		< 1.9E-05	
PCB-021			< 0.00019		< 1.9E-05		< 1.8E-05		< 1.9E-05	
PCB-022			0.00017		< 9.2E-06		< 9.1E-06		< 9.3E-06	
PCB-023			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-024			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-025			0.00002		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-026			6.8E-05 C		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-027			2.7E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-028			0.00058 C20		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-029			6.8E-05 C26		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-030			0.0002 C18		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-031			0.00026		< 9.2E-06		< 9.1E-06		< 9.3E-06	
PCB-032			0.00012		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-033			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-034			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-035			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-036			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-037			0.00032		< 9.2E-06		< 9.1E-06		< 9.3E-06	
PCB-038			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-039			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-040			0.00041 C		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-041			< 0.00093		< 9.2E-05		< 9.1E-05		< 9.3E-05	
PCB-042			0.00023		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-043			3.3E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-044			0.0008 C		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-045			0.00015 C		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-046			5.2E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-047			0.0008 C44		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-048			0.00015		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-049			0.00045 C		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-050			9E-05 C		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-051			0.00015 C45		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-052			0.00088		2.9E-06		2.2E-06		2.1E-06	
PCB-053			9E-05 C50		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-054			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-055			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-056			0.00048		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-057			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTX7	BLDG50DPTX7	BLDG50DPTY10	BLDG50DPTY10	BLDG50DPTY12	BLDG50DPTY12	BLDG50DPTY5	BLDG50DPTY5	BLDG50DPTY7
		12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010
		BHX71012-02-04	BHX71012-02-99	BHY101012-01-07	BHY101012-01-99	BHY121012-15-02	BHY121012-15-98	BHY51012-11-02	BHY51012-11-99	BHY71012-03-06
PCB-058			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-059			8.8E-05 C		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-060			0.00024		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-061			0.00112 C		< 7.4E-06		< 7.3E-06		< 7.4E-06	
PCB-062			8.8E-05 C59		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-063			2.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-064			0.0004		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-065			0.0008 C44		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-066			0.0008		< 9.2E-06		< 9.1E-06		< 9.3E-06	
PCB-067			2.5E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-068			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-069			0.00045 C49		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-070			0.00112 C61		< 7.4E-06		< 7.3E-06		< 7.4E-06	
PCB-071			0.00041 C40		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-072			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-073			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-074			0.00112 C61		< 7.4E-06		< 7.3E-06		< 7.4E-06	
PCB-075			8.8E-05 C59		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-076			0.00112 C61		< 7.4E-06		< 7.3E-06		< 7.4E-06	
PCB-077	32598-13-3		0.00015		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-078			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-079			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-080			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-081	70362-50-4		< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-082			0.00012		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-083			4.7E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-084			0.00019		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-085			0.00014 C		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-086			0.00056 C		< 1.1E-05		< 1.1E-05		< 1.1E-05	
PCB-087			0.00056 C86		< 1.1E-05		< 1.1E-05		< 1.1E-05	
PCB-088			9.2E-05 C		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-089			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-090			0.0014 C		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-091			9.2E-05 C88		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-092			0.00017		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-093			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-094			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-095			0.00114		4.6E-06		5.1E-06 B		2.7E-06 B	
PCB-096			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-097			0.00056 C86		< 1.1E-05		< 1.1E-05		< 1.1E-05	
PCB-098			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-099			0.00025		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-100			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-101			0.0014 C90		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-102			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-103			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTX7	BLDG50DPTX7	BLDG50DPTY10	BLDG50DPTY10	BLDG50DPTY12	BLDG50DPTY12	BLDG50DPTY5	BLDG50DPTY5	BLDG50DPTY7
		12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010
		BHX71012-02-04	BHX71012-02-99	BHY101012-01-07	BHY101012-01-99	BHY121012-15-02	BHY121012-15-98	BHY51012-11-02	BHY51012-11-99	BHY71012-03-06
PCB-104			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-105	32598-14-4		0.00034		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-106			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-107			4.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-108			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-109			0.00056 C86		< 1.1E-05		< 1.1E-05		< 1.1E-05	
PCB-110			0.0011 C		4E-06 C		4.4E-06 C		< 3.7E-06	
PCB-111			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-112			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-113			0.0014 C90		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-114	74472-37-0		2E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-115			0.0011 C11		4E-06 C11		4.4E-06 C11		< 3.7E-06	
PCB-116			0.00014 C85		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-117			0.00014 C85		< 5.5E-06		< 5.5E-06		< 5.6E-06	
PCB-118	31508-00-6		0.0008		2.9E-06		2.3E-06		1.9E-06	
PCB-119			0.00056 C86		< 1.1E-05		< 1.1E-05		< 1.1E-05	
PCB-120			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-121			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-122			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-123	65510-44-3		< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-124			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-125			0.00056 C86		< 1.1E-05		< 1.1E-05		< 1.1E-05	
PCB-126	57465-28-8		2.3E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-127			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-128			0.00024 C		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-129			0.0044 C		1.5E-05 C		1E-05 C		< 5.6E-06	
PCB-130			0.00014		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-131			2.2E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-132			0.00124		3.6E-06		3.4E-06		< 1.9E-06	
PCB-133			4E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-134			0.00016		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-135			0.00189 C		6.7E-06 C		4.3E-06 C		< 3.7E-06	
PCB-136			0.00063		2.2E-06		1.8E-06		< 1.9E-06	
PCB-137			2.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-138			0.0044 C12		1.5E-05 C12		1E-05 C12		< 5.6E-06	
PCB-139			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-140			< 3.7E-05		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-141			0.00117		3.4E-06		2E-06		< 1.9E-06	
PCB-142			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-143			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-144			0.00027		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-145			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-146			0.00056		2.2E-06		< 1.8E-06		< 1.9E-06	
PCB-147			0.00417 C		1.3E-05 C		1.1E-05 C		4.8E-06 C	
PCB-148			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-149			0.00417 C14		1.3E-05 C14		1.1E-05 C14		4.8E-06 C14	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTX7	BLDG50DPTX7	BLDG50DPTY10	BLDG50DPTY10	BLDG50DPTY12	BLDG50DPTY12	BLDG50DPTY5	BLDG50DPTY5	BLDG50DPTY7
		12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010
		BHX71012-02-04	BHX71012-02-99	BHY101012-01-07	BHY101012-01-99	BHY121012-15-02	BHY121012-15-98	BHY51012-11-02	BHY51012-11-99	BHY71012-03-06
PCB-150			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-151			0.00189 C13		6.7E-06 C13		4.3E-06 C13		< 3.7E-06	
PCB-152			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-153			0.00435 C		1.4E-05 C		8.2E-06 C		4.6E-06 C	
PCB-154			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-155			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-156			0.00028 C		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-157	69782-90-7		0.00028 C15		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-158			0.00035		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-159			8.2E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-160			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-161			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-162			4.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-163			0.0044 C12		1.5E-05 C12		1E-05 C12		< 5.6E-06	
PCB-164			0.0003		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-165			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-166			0.00024 C12		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-167	52663-72-6		0.00013		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-168			0.00435 C15		1.4E-05 C15		8.2E-06 C15		4.6E-06 C15	
PCB-169	32774-16-6		< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-170			0.00259		7.8E-06		3.7E-06		< 1.9E-06	
PCB-171			0.00066 C		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-172			0.00041		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-173			0.00066 C17		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-174			0.00261		7.6E-06		4.2E-06		< 1.9E-06	
PCB-175			8.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-176			0.00028		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-177			0.00143		4.7E-06		2.5E-06		< 1.9E-06	
PCB-178			0.00044		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-179			0.00095		3.3E-06		1.9E-06		< 1.9E-06	
PCB-180			0.0057 C		1.8E-05 C		8.5E-06 C		< 3.7E-06	
PCB-181			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-182			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-183			0.00156 C		4.8E-06 C		< 3.6E-06		< 3.7E-06	
PCB-184			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-185			0.00156 C18		4.8E-06 C18		< 3.6E-06		< 3.7E-06	
PCB-186			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-187			0.00258		8.8E-06		5.1E-06		< 1.9E-06	
PCB-188			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-189	39635-31-9		6.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-190			0.00047		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-191			8.5E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-192			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-193			0.0057 C18		1.8E-05 C18		8.5E-06 C18		< 3.7E-06	
PCB-194			0.00121		4.2E-06		2.2E-06		< 1.9E-06	
PCB-195			0.00047		< 1.9E-06		< 1.8E-06		< 1.9E-06	

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTX7	BLDG50DPTX7	BLDG50DPTY10	BLDG50DPTY10	BLDG50DPTY12	BLDG50DPTY12	BLDG50DPTY5	BLDG50DPTY5	BLDG50DPTY7
		12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/6/2010
		BHX71012-02-04	BHX71012-02-99	BHY101012-01-07	BHY101012-01-99	BHY121012-15-02	BHY121012-15-98	BHY51012-11-02	BHY51012-11-99	BHY71012-03-06
PCB-196			0.00062		2.8E-06		< 1.8E-06		< 1.9E-06	
PCB-197			0.00016 C		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-198			0.00117 C		4.1E-06 C		< 3.6E-06		< 3.7E-06	
PCB-199			0.00117 C19		4.1E-06 C19		< 3.6E-06		< 3.7E-06	
PCB-200			0.00016 C19		< 3.7E-06		< 3.6E-06		< 3.7E-06	
PCB-201			0.00012		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-202			0.00016		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-203			0.00066		2.4E-06		< 1.8E-06		< 1.9E-06	
PCB-204			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-205			5.8E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-206			0.0002		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-207			2.6E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-208			3.3E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
PCB-209			< 1.9E-05		< 1.9E-06		< 1.8E-06		< 1.9E-06	
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics		< 0.2		< 0.2		< 0.2		< 0.2		< 0.2
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTY7	BLDG50G14-BH27	BLDG50PIT01	BLDG50PIT02	BLDG50PIT03	BLDG50PIT04	BLDG50PIT05	BLDG50PIT06	BLDG5891BH01
		12/6/2010	12/10/2010	2/14/2007	2/15/2007	2/15/2007	2/16/2007	2/16/2007	2/16/2007	11/13/1991
		BHY71012-03-99	BHG141012-27-04	BHBLDG50PIT0702-01-08	BHBLDG50PIT0702-02-08	BHBLDG50PIT0702-03-08	BHBLDG50PIT0702-04-08	BHBLDG50PIT0702-05-08	BHBLDG50PIT0702-06-08	BHBLDG589111-01-09
VOCs										
Acetone	67-64-1		< 0.0081	< 0.0195	0.0423	< 0.0154	< 0.0227	< 0.0211	< 0.018	0.087
Benzene	71-43-2		< 0.00069	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Bis(2-chloroethyl)ether	111-44-4		< 0.095							
Bromobenzene	108-86-1		< 0.00054	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Bromochloromethane	74-97-5		< 0.00057	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Bromodichloromethane	75-27-4		< 0.00073	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Bromoform	75-25-2		< 0.00091	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Bromomethane	74-83-9		< 0.0012	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Butylbenzene, n-	104-51-8		< 0.00068	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Butylbenzene, sec-	135-98-8		< 0.00076	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Butylbenzene, tert-	98-06-6		< 0.001	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Carbon Disulfide	75-15-0		< 0.00055	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Carbon Tetrachloride	56-23-5		< 0.00063	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Chlorobenzene	108-90-7		< 0.00055	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Chloroethane	75-00-3		< 0.0009	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3		< 0.00059	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Chloromethane	74-87-3		< 0.0011	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Chloronaphthalene, Beta-	91-58-7		< 0.087							
Chlorophenol, 2-	95-57-8		< 0.11							
Chlorotoluene, o-	95-49-8		< 0.00083	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Chlorotoluene, p-	106-43-4		< 0.0011	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
cis-1,3-Dichloropropene	10061-01-5		< 0.00053	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Cresol, p-chloro-m-	59-50-7		< 0.088							
Dibromo-3-chloropropane, 1,2-	96-12-8		< 0.0026	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Dibromochloromethane	124-48-1		< 0.00054	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Dibromoethane, 1,2-	106-93-4		< 0.00097	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Dibromomethane (Methylene Bromide)	74-95-3		< 0.00092	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Dichlorobenzene, 1,2-	95-50-1		< 0.0007	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.005
Dichlorobenzene, 1,3-	541-73-1		< 0.0007	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.005
Dichlorobenzene, 1,4-	106-46-7		< 0.00069	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.005
Dichlorodifluoromethane	75-71-8		< 0.0012	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Dichloroethane, 1,1-	75-34-3		< 0.00089	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Dichloroethane, 1,2-	107-06-2		< 0.00066	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Dichloroethene, 1,1-	75-35-4		< 0.00076	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0			0.0124	< 0.0055	< 0.0038	0.0131	< 0.0053	< 0.0045	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2		< 0.00099	0.0124	< 0.0055	< 0.0038	0.0131	< 0.0053	< 0.0045	
Dichloroethylene, 1,2-trans-	156-60-5		< 0.00077	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Dichloropropane, 1,2-	78-87-5		< 0.00079	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Dichloropropane, 1,3-	142-28-9		< 0.00069	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Dichloropropane, 2,2-	594-20-7		< 0.00057	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Dichloropropene, 1,1-	563-58-6		< 0.00065	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Dichloropropene, trans-1,3-	10061-02-6		< 0.00062	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Diisopropyl Ether	108-20-3									
Ethyl tert Butyl Ether	637-92-3									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTY7	BLDG50G14-BH27	BLDG50PIT01	BLDG50PIT02	BLDG50PIT03	BLDG50PIT04	BLDG50PIT05	BLDG50PIT06	BLDG5891BH01
		12/6/2010	12/10/2010	2/14/2007	2/15/2007	2/15/2007	2/16/2007	2/16/2007	2/16/2007	11/13/1991
		BHY71012-03-99	BHG141012-27-04	BHBLDG50PIT070 2-01-08	BHBLDG50PIT070 2-02-08	BHBLDG50PIT070 2-03-08	BHBLDG50PIT070 2-04-08	BHBLDG50PIT070 2-05-08	BHBLDG50PIT070 2-06-08	BHBLDG589111-01-09
Ethylbenzene	100-41-4		< 0.00089	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Hexachlorobutadiene	87-68-3		< 0.0011	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Hexanone, 2-	591-78-6		< 0.0065	< 0.0195	< 0.0218	< 0.0154	< 0.0227	< 0.0211	< 0.018	< 0.01
Iodomethane	74-88-4									
Isopropylbenzene (Cumene)	98-82-8		< 0.00069	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Isopropyltoluene, p-	99-87-6		< 0.00089	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.0057	< 0.0097	< 0.0109	< 0.0077	< 0.0113	< 0.0105	< 0.009	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.0055	< 0.0097	< 0.0109	< 0.0077	< 0.0113	< 0.0105	< 0.009	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Methylene Chloride	75-09-2		0.0066 J	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Naphthalene	91-20-3		< 0.00085	< 0.0097	< 0.0109	< 0.0077	< 0.0113	< 0.0105	< 0.009	
Nitrobenzene	98-95-3		< 0.064							
Propylbenzene, n-	103-65-1		< 0.00072	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Styrene	100-42-5		< 0.00076	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6		< 0.00042	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.0013	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Tetrachloroethene	127-18-4		< 0.00076	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Toluene	108-88-3		< 0.00093	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6		< 0.001	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Trichlorobenzene, 1,2,4-	120-82-1		< 0.001	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Trichloroethane, 1,1,1-	71-55-6		< 0.00068	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Trichloroethane, 1,1,2-	79-00-5		< 0.0019	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Trichloroethene	79-01-6		< 0.0017	0.21	< 0.0055	< 0.0038	0.0738	< 0.0053	< 0.0045	0.014
Trichlorofluoromethane	75-69-4		< 0.00069	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Trichloropropane, 1,2,3-	96-18-4		< 0.0017	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Trichlorotrifluoroethane, 1,1,2-										< 0.005
Trimethylbenzene, 1,2,4-	95-63-6		< 0.00083	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Trimethylbenzene, 1,3,5-	108-67-8		< 0.00096	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	
Vinyl Chloride	75-01-4		< 0.001	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Xylene, o-	95-47-6		< 0.00063							
Xylenes	1330-20-7		< 0.0021	< 0.0049	< 0.0055	< 0.0038	< 0.0057	< 0.0053	< 0.0045	< 0.01
Xylenes, m & p			< 0.0014							
SVOCs										
Acenaphthene	83-32-9		< 0.0027							
Acenaphthylene	208-96-8									
Aniline	62-53-3		< 0.43							
Anthracene	120-12-7		0.0073 J							
Benzidine	92-87-5		< 0.72							
Benzo[a]anthracene	56-55-3		0.0235							
Benzo[a]pyrene	50-32-8		< 0.0085							
Benzo[b]fluoranthene	205-99-2		0.0349							
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9		0.031							

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTY7	BLDG50G14-BH27	BLDG50PIT01	BLDG50PIT02	BLDG50PIT03	BLDG50PIT04	BLDG50PIT05	BLDG50PIT06	BLDG5891BH01
		12/6/2010	12/10/2010	2/14/2007	2/15/2007	2/15/2007	2/16/2007	2/16/2007	2/16/2007	11/13/1991
		BHY71012-03-99	BHG141012-27-04	BHBLDG50PIT0702-01-08	BHBLDG50PIT0702-02-08	BHBLDG50PIT0702-03-08	BHBLDG50PIT0702-04-08	BHBLDG50PIT0702-05-08	BHBLDG50PIT0702-06-08	BHBLDG589111-01-09
Benzoic Acid	65-85-0		< 0.15							
Benzyl Alcohol	100-51-6		< 0.11							
Bis(2-chloroethoxy)methane	111-91-1		< 0.084							
bis(2-Chloroisopropyl)ether	39638-32-9		< 0.13							
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.17							
Bromophenyl phenyl ether, 4-	101-55-3		< 0.11							
Butyl Benzyl Phthlate	85-68-7		< 0.11							
Carbazole	86-74-8		< 0.073							
Chloroaniline, p-	106-47-8		< 0.28							
Chlorophenyl-phenylether, 4-	7005-72-3		< 0.11							
Chrysene	218-01-9		0.0238							
Cresol, 3&4-			< 0.22							
Cresol, o-	95-48-7		< 0.075							
Dibenz[a,h]anthracene	53-70-3		< 0.015							
Dibenzofuran	132-64-9		< 0.1							
Dibutyl Phthalate	84-74-2		< 0.11							
Dichlorobenzidine, 3,3'-	91-94-1		< 0.17							
Dichlorophenol, 2,4-	120-83-2		< 0.096							
Diethyl Phthalate	84-66-2		< 0.099							
Dimethyl phthalate	131-11-3		< 0.11							
Dimethylphenol, 2,4-	105-67-9		< 0.071							
Dinitro-o-cresol, 4,6-	534-52-1		< 0.16							
Dinitrophenol, 2,4-	51-28-5		< 0.99							
Dinitrotoluene, 2,4-	121-14-2		< 0.087							
Dinitrotoluene, 2,6-	606-20-2		< 0.11							
Di-n-octylphthalate			< 0.094							
Diphenylhydrazine, 1,2-	122-66-7		< 0.1							
Fluoranthene	206-44-0		0.0315							
Fluorene	86-73-7		< 0.0056							
Hexachlorobenzene	118-74-1		< 0.12							
Hexachlorocyclopentadiene	77-47-4		< 0.66							
Hexachloroethane	67-72-1		< 0.1							
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1		< 0.086							
Methylnaphthalene, 1-	90-12-0		< 0.093							
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4		< 0.15							
Nitroaniline, 3-	99-09-2		< 0.16							
Nitroaniline, 4-	100-01-6		< 0.21							
Nitrophenol, 2-	88-75-5		< 0.091							
Nitrophenol, 4-	100-02-7		< 0.99							
Nitrosodimethylamine, N-	62-75-9		< 0.087							
Nitroso-di-N-propylamine, N-	621-64-7		< 0.099							
Nitrosodiphenylamine, N-	86-30-6		< 0.099							
Pentachlorophenol	87-86-5		< 0.16							
Phenanthrene	85-01-8									

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTY7	BLDG50G14-BH27	BLDG50PIT01	BLDG50PIT02	BLDG50PIT03	BLDG50PIT04	BLDG50PIT05	BLDG50PIT06	BLDG5891BH01
		12/6/2010	12/10/2010	2/14/2007	2/15/2007	2/15/2007	2/16/2007	2/16/2007	2/16/2007	11/13/1991
		BHY71012-03-99	BHG141012-27-04	BHBLDG50PIT0702-01-08	BHBLDG50PIT0702-02-08	BHBLDG50PIT0702-03-08	BHBLDG50PIT0702-04-08	BHBLDG50PIT0702-05-08	BHBLDG50PIT0702-06-08	BHBLDG589111-01-09
Phenol	108-95-2		< 0.07							
Pyrene	129-00-0		0.0463							
Pyridine	110-86-1		< 0.068							
Trichlorophenol, 2,4,5-	95-95-4		< 0.1							
Trichlorophenol, 2,4,6-	88-06-2		< 0.12							
Metals and Inorganics										
Aluminum	7429-90-5									
Arsenic	7440-38-2		6.2							5.5
Barium	7440-39-3		294							5.12
Cadmium	7440-43-9		0.058 J							< 0.05
Calcium	7440-70-2									
Chromium, Total	7440-47-3		23.1							0.643
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									< 1
Iron	7439-89-6									
Lead	7439-92-1		22.7							24.5
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6		0.019							< 0.5
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2		0.24 J							< 0.25
Silver	7440-22-4		< 0.078							< 1.5
Sodium	7440-23-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.0427	< 0.0411	< 0.0412	< 0.0426	< 0.0407	< 0.0394	< 1
Aroclor 1221	11104-28-2			< 0.0427	< 0.0411	< 0.0412	< 0.0426	< 0.0407	< 0.0394	< 1
Aroclor 1232	11141-16-5			< 0.0427	< 0.0411	< 0.0412	< 0.0426	< 0.0407	< 0.0394	< 1
Aroclor 1242	53469-21-9			< 0.0427	< 0.0411	< 0.0412	< 0.0426	< 0.0407	< 0.0394	< 1
Aroclor 1248	12672-29-6			< 0.0427	< 0.0411	< 0.0412	< 0.0426	< 0.0407	< 0.0394	< 1
Aroclor 1254	11097-69-1			< 0.0427	< 0.0411	< 0.0412	< 0.0426	< 0.0407	< 0.0394	< 1
Aroclor 1260	11096-82-5			< 0.0427	0.0554	< 0.0412	< 0.0426	< 0.0407	< 0.0394	< 1
PCB-001		< 1.8E-06								
PCB-002		< 1.8E-06								
PCB-003		< 1.8E-06								
PCB-004		< 1.8E-06								
PCB-005		< 1.8E-06								
PCB-006		< 1.8E-06								
PCB-007		< 1.8E-06								
PCB-008		5.7E-06								
PCB-009		< 1.8E-06								
PCB-010		< 1.8E-06								
PCB-011		< 9.1E-05								

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTY7	BLDG50G14-BH27	BLDG50PIT01	BLDG50PIT02	BLDG50PIT03	BLDG50PIT04	BLDG50PIT05	BLDG50PIT06	BLDG5891BH01
		12/6/2010	12/10/2010	2/14/2007	2/15/2007	2/15/2007	2/16/2007	2/16/2007	2/16/2007	11/13/1991
		BHY71012-03-99	BHG141012-27-04	BHBLDG50PIT0702-01-08	BHBLDG50PIT0702-02-08	BHBLDG50PIT0702-03-08	BHBLDG50PIT0702-04-08	BHBLDG50PIT0702-05-08	BHBLDG50PIT0702-06-08	BHBLDG589111-01-09
PCB-012		< 3.6E-06								
PCB-013		< 3.6E-06								
PCB-014		< 1.8E-06								
PCB-015		< 9.1E-06								
PCB-016		< 1.8E-06								
PCB-017		< 1.8E-06								
PCB-018		< 3.6E-06								
PCB-019		< 1.8E-06								
PCB-020		< 1.8E-05								
PCB-021		< 1.8E-05								
PCB-022		< 9.1E-06								
PCB-023		< 1.8E-06								
PCB-024		< 1.8E-06								
PCB-025		< 1.8E-06								
PCB-026		< 3.6E-06								
PCB-027		< 1.8E-06								
PCB-028		< 3.6E-06								
PCB-029		< 3.6E-06								
PCB-030		< 3.6E-06								
PCB-031		< 9.1E-06								
PCB-032		< 1.8E-06								
PCB-033		< 3.6E-06								
PCB-034		< 1.8E-06								
PCB-035		< 1.8E-06								
PCB-036		< 1.8E-06								
PCB-037		< 9.1E-06								
PCB-038		< 1.8E-06								
PCB-039		< 1.8E-06								
PCB-040		2.2E-06 C								
PCB-041		< 9.1E-05								
PCB-042		< 1.8E-06								
PCB-043		< 1.8E-06								
PCB-044		6.3E-06 C								
PCB-045		< 3.6E-06								
PCB-046		< 1.8E-06								
PCB-047		6.3E-06 C44								
PCB-048		< 1.8E-06								
PCB-049		< 3.6E-06								
PCB-050		< 3.6E-06								
PCB-051		< 3.6E-06								
PCB-052		1.4E-05								
PCB-053		< 3.6E-06								
PCB-054		< 1.8E-06								
PCB-055		< 1.8E-06								
PCB-056		3.7E-06								
PCB-057		< 1.8E-06								

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTY7	BLDG50G14-BH27	BLDG50PIT01	BLDG50PIT02	BLDG50PIT03	BLDG50PIT04	BLDG50PIT05	BLDG50PIT06	BLDG5891BH01
		12/6/2010	12/10/2010	2/14/2007	2/15/2007	2/15/2007	2/16/2007	2/16/2007	2/16/2007	11/13/1991
		BHY71012-03-99	BHG141012-27-04	BHBLDG50PIT0702-01-08	BHBLDG50PIT0702-02-08	BHBLDG50PIT0702-03-08	BHBLDG50PIT0702-04-08	BHBLDG50PIT0702-05-08	BHBLDG50PIT0702-06-08	BHBLDG589111-01-09
PCB-058		< 1.8E-06								
PCB-059		< 5.5E-06								
PCB-060		2.2E-06								
PCB-061		1.4E-05 C								
PCB-062		< 5.5E-06								
PCB-063		< 1.8E-06								
PCB-064		2.3E-06								
PCB-065		6.3E-06 C44								
PCB-066		< 9.1E-06								
PCB-067		< 1.8E-06								
PCB-068		< 1.8E-06								
PCB-069		< 3.6E-06								
PCB-070		1.4E-05 C61								
PCB-071		2.2E-06 C40								
PCB-072		< 1.8E-06								
PCB-073		< 1.8E-06								
PCB-074		1.4E-05 C61								
PCB-075		< 5.5E-06								
PCB-076		1.4E-05 C61								
PCB-077	32598-13-3	< 1.8E-06								
PCB-078		< 1.8E-06								
PCB-079		< 1.8E-06								
PCB-080		< 1.8E-06								
PCB-081	70362-50-4	< 1.8E-06								
PCB-082		1.8E-06								
PCB-083		2.7E-06								
PCB-084		6.8E-06								
PCB-085		< 5.5E-06								
PCB-086		2.5E-05 C								
PCB-087		2.5E-05 C86								
PCB-088		< 3.6E-06								
PCB-089		< 1.8E-06								
PCB-090		0.00016 C								
PCB-091		< 3.6E-06								
PCB-092		1.5E-05								
PCB-093		< 3.6E-06								
PCB-094		< 1.8E-06								
PCB-095		0.00013								
PCB-096		< 1.8E-06								
PCB-097		2.5E-05 C86								
PCB-098		< 3.6E-06								
PCB-099		5.4E-06								
PCB-100		< 3.6E-06								
PCB-101		0.00016 C90								
PCB-102		< 3.6E-06								
PCB-103		< 1.8E-06								

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTY7	BLDG50G14-BH27	BLDG50PIT01	BLDG50PIT02	BLDG50PIT03	BLDG50PIT04	BLDG50PIT05	BLDG50PIT06	BLDG5891BH01
		12/6/2010	12/10/2010	2/14/2007	2/15/2007	2/15/2007	2/16/2007	2/16/2007	2/16/2007	11/13/1991
		BHY71012-03-99	BHG141012-27-04	BHBLDG50PIT0702-01-08	BHBLDG50PIT0702-02-08	BHBLDG50PIT0702-03-08	BHBLDG50PIT0702-04-08	BHBLDG50PIT0702-05-08	BHBLDG50PIT0702-06-08	BHBLDG589111-01-09
PCB-104		< 1.8E-06								
PCB-105	32598-14-4	7E-06								
PCB-106		< 1.8E-06								
PCB-107		< 1.8E-06								
PCB-108		< 3.6E-06								
PCB-109		2.5E-05 C86								
PCB-110		7.7E-05 C								
PCB-111		< 1.8E-06								
PCB-112		< 1.8E-06								
PCB-113		0.00016 C90								
PCB-114	74472-37-0	< 1.8E-06								
PCB-115		7.7E-05 C11								
PCB-116		< 5.5E-06								
PCB-117		< 5.5E-06								
PCB-118	31508-00-6	3.9E-05								
PCB-119		2.5E-05 C86								
PCB-120		< 1.8E-06								
PCB-121		< 1.8E-06								
PCB-122		< 1.8E-06								
PCB-123	65510-44-3	< 1.8E-06								
PCB-124		< 3.6E-06								
PCB-125		2.5E-05 C86								
PCB-126	57465-28-8	2E-06								
PCB-127		< 1.8E-06								
PCB-128		2.4E-05 C								
PCB-129		0.00053 C								
PCB-130		1.5E-05								
PCB-131		2.3E-06								
PCB-132		0.00015								
PCB-133		4.9E-06								
PCB-134		1.8E-05								
PCB-135		0.00025 C								
PCB-136		8.8E-05								
PCB-137		< 1.8E-06								
PCB-138		0.00053 C12								
PCB-139		< 3.6E-06								
PCB-140		< 3.6E-06								
PCB-141		0.00015								
PCB-142		< 1.8E-06								
PCB-143		< 1.8E-06								
PCB-144		3.4E-05								
PCB-145		< 1.8E-06								
PCB-146		7E-05								
PCB-147		0.00053 C								
PCB-148		< 1.8E-06								
PCB-149		0.00053 C14								

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTY7	BLDG50G14-BH27	BLDG50PIT01	BLDG50PIT02	BLDG50PIT03	BLDG50PIT04	BLDG50PIT05	BLDG50PIT06	BLDG5891BH01
		12/6/2010	12/10/2010	2/14/2007	2/15/2007	2/15/2007	2/16/2007	2/16/2007	2/16/2007	11/13/1991
		BHY71012-03-99	BHG141012-27-04	BHBLDG50PIT0702-01-08	BHBLDG50PIT0702-02-08	BHBLDG50PIT0702-03-08	BHBLDG50PIT0702-04-08	BHBLDG50PIT0702-05-08	BHBLDG50PIT0702-06-08	BHBLDG589111-01-09
PCB-150		< 1.8E-06								
PCB-151		0.00025 C13								
PCB-152		< 1.8E-06								
PCB-153		0.00056 C								
PCB-154		< 1.8E-06								
PCB-155		< 1.8E-06								
PCB-156		2.7E-05 C								
PCB-157	69782-90-7	2.7E-05 C15								
PCB-158		4.2E-05								
PCB-159		9.5E-06								
PCB-160		< 1.8E-06								
PCB-161		< 1.8E-06								
PCB-162		5.8E-06								
PCB-163		0.00053 C12								
PCB-164		3.7E-05								
PCB-165		< 1.8E-06								
PCB-166		2.4E-05 C12								
PCB-167	52663-72-6	1.4E-05								
PCB-168		0.00056 C15								
PCB-169	32774-16-6	< 1.8E-06								
PCB-170		0.00025								
PCB-171		7.7E-05 C								
PCB-172		4E-05								
PCB-173		7.7E-05 C17								
PCB-174		0.0003								
PCB-175		1E-05								
PCB-176		3.6E-05								
PCB-177		0.00017								
PCB-178		5.3E-05								
PCB-179		0.00012								
PCB-180		0.00058 C								
PCB-181		< 1.8E-06								
PCB-182		< 1.8E-06								
PCB-183		0.00019 C								
PCB-184		< 1.8E-06								
PCB-185		0.00019 C18								
PCB-186		< 1.8E-06								
PCB-187		0.00032								
PCB-188		< 1.8E-06								
PCB-189	39635-31-9	6.9E-06								
PCB-190		4.9E-05								
PCB-191		8.9E-06								
PCB-192		< 1.8E-06								
PCB-193		0.00058 C18								
PCB-194		0.00012								
PCB-195		4.7E-05								

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG50DPTY7	BLDG50G14-BH27	BLDG50PIT01	BLDG50PIT02	BLDG50PIT03	BLDG50PIT04	BLDG50PIT05	BLDG50PIT06	BLDG5891BH01
		12/6/2010	12/10/2010	2/14/2007	2/15/2007	2/15/2007	2/16/2007	2/16/2007	2/16/2007	11/13/1991
		BHY71012-03-99	BHG141012-27-04	BHBLDG50PIT0702-01-08	BHBLDG50PIT0702-02-08	BHBLDG50PIT0702-03-08	BHBLDG50PIT0702-04-08	BHBLDG50PIT0702-05-08	BHBLDG50PIT0702-06-08	BHBLDG589111-01-09
PCB-196		5.9E-05								
PCB-197		1.5E-05 C								
PCB-198		0.00012 C								
PCB-199		0.00012 C19								
PCB-200		1.5E-05 C19								
PCB-201		1.4E-05								
PCB-202		1.8E-05								
PCB-203		6.4E-05								
PCB-204		< 1.8E-06								
PCB-205		5.5E-06								
PCB-206		1.9E-05								
PCB-207		2.5E-06								
PCB-208		3E-06								
PCB-209		< 1.8E-06								
Hydrocarbons										
Diesel Fuel	68334-30-5									
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics			< 0.2							
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Total)										< 20
Other										
Percent Moisture	ASTM D2974			23.8	21.1	21.1	24.7	19.3	17.9	

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5891BH01	BLDG5891BH02	BLDG5891BH02	BLDG5891BH02
		11/13/1991	11/13/1991	11/13/1991	11/13/1991
		BHBLDG589111-01-14	BHBLDG589111-02-05	BHBLDG589111-02-10	BHBLDG589111-02-15
VOCs					
Acetone	67-64-1	0.052	< 0.01	0.051	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4				
Bromobenzene	108-86-1				
Bromochloromethane	74-97-5				
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8				
Butylbenzene, sec-	135-98-8				
Butylbenzene, tert-	98-06-6				
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8				
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7				
Chlorophenol, 2-	95-57-8				
Chlorotoluene, o-	95-49-8				
Chlorotoluene, p-	106-43-4				
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7				
Dibromo-3-chloropropane, 1,2-	96-12-8				
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4				
Dibromomethane (Methylene Bromide)	74-95-3				
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8				
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2				
Dichloroethylene, 1,2-trans-	156-60-5				
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9				
Dichloropropane, 2,2-	594-20-7				
Dichloropropene, 1,1-	563-58-6				
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01
Diisopropyl Ether	108-20-3				
Ethyl tert Butyl Ether	637-92-3				

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5891BH01	BLDG5891BH02	BLDG5891BH02	BLDG5891BH02
		11/13/1991	11/13/1991	11/13/1991	11/13/1991
		BHBLDG589111-01-14	BHBLDG589111-02-05	BHBLDG589111-02-10	BHBLDG589111-02-15
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3				
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01
Iodomethane	74-88-4				
Isopropylbenzene (Cumene)	98-82-8				
Isopropyltoluene, p-	99-87-6				
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4				
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3				
Nitrobenzene	98-95-3				
Propylbenzene, n-	103-65-1				
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01
tert-Butyl alcohol	75-65-0				
Tertiary-Amyl-Methyl Ether	994-05-8				
Tetrachloroethane, 1,1,1,2-	630-20-6				
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				
Trichlorobenzene, 1,2,3-	87-61-6				
Trichlorobenzene, 1,2,4-	120-82-1				
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	0.012	0.061	0.014	0.023
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4				
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6				
Trimethylbenzene, 1,3,5-	108-67-8				
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6				
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p					
SVOCs					
Acenaphthene	83-32-9				
Acenaphthylene	208-96-8				
Aniline	62-53-3				
Anthracene	120-12-7				
Benzidine	92-87-5				
Benzo[a]anthracene	56-55-3				
Benzo[a]pyrene	50-32-8				
Benzo[b]fluoranthene	205-99-2				
Benzo[g,h,i]perylene	191-24-2				
Benzo[k]fluoranthene	207-08-9				

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5891BH01	BLDG5891BH02	BLDG5891BH02	BLDG5891BH02
		11/13/1991	11/13/1991	11/13/1991	11/13/1991
		BHBLDG589111-01-14	BHBLDG589111-02-05	BHBLDG589111-02-10	BHBLDG589111-02-15
Benzoic Acid	65-85-0				
Benzyl Alcohol	100-51-6				
Bis(2-chloroethoxy)methane	111-91-1				
bis(2-Chloroisopropyl)ether	39638-32-9				
Bis(2-ethylhexyl)phthalate	117-81-7				
Bromophenyl phenyl ether, 4-	101-55-3				
Butyl Benzyl Phthlate	85-68-7				
Carbazole	86-74-8				
Chloroaniline, p-	106-47-8				
Chlorophenyl-phenylether, 4-	7005-72-3				
Chrysene	218-01-9				
Cresol, 3&4-					
Cresol, o-	95-48-7				
Dibenz[a,h]anthracene	53-70-3				
Dibenzofuran	132-64-9				
Dibutyl Phthalate	84-74-2				
Dichlorobenzidine, 3,3'-	91-94-1				
Dichlorophenol, 2,4-	120-83-2				
Diethyl Phthalate	84-66-2				
Dimethyl phthalate	131-11-3				
Dimethylphenol, 2,4-	105-67-9				
Dinitro-o-cresol, 4,6-	534-52-1				
Dinitrophenol, 2,4-	51-28-5				
Dinitrotoluene, 2,4-	121-14-2				
Dinitrotoluene, 2,6-	606-20-2				
Di-n-octylphthalate					
Diphenylhydrazine, 1,2-	122-66-7				
Fluoranthene	206-44-0				
Fluorene	86-73-7				
Hexachlorobenzene	118-74-1				
Hexachlorocyclopentadiene	77-47-4				
Hexachloroethane	67-72-1				
Indeno[1,2,3-cd]pyrene	193-39-5				
Isophorone	78-59-1				
Methylnaphthalene, 1-	90-12-0				
Methylnaphthalene, 2-	91-57-6				
Nitroaniline, 2-	88-74-4				
Nitroaniline, 3-	99-09-2				
Nitroaniline, 4-	100-01-6				
Nitrophenol, 2-	88-75-5				
Nitrophenol, 4-	100-02-7				
Nitrosodimethylamine, N-	62-75-9				
Nitroso-di-N-propylamine, N-	621-64-7				
Nitrosodiphenylamine, N-	86-30-6				
Pentachlorophenol	87-86-5				
Phenanthrene	85-01-8				

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5891BH01	BLDG5891BH02	BLDG5891BH02	BLDG5891BH02
		11/13/1991	11/13/1991	11/13/1991	11/13/1991
		BHBLDG589111-01-14	BHBLDG589111-02-05	BHBLDG589111-02-10	BHBLDG589111-02-15
Phenol	108-95-2				
Pyrene	129-00-0				
Pyridine	110-86-1				
Trichlorophenol, 2,4,5-	95-95-4				
Trichlorophenol, 2,4,6-	88-06-2				
Metals and Inorganics					
Aluminum	7429-90-5				
Arsenic	7440-38-2	8	4.5	7.5	5
Barium	7440-39-3	7.58	3.25	4.56	5.46
Cadmium	7440-43-9	< 0.05	< 0.05	< 0.05	< 0.05
Calcium	7440-70-2				
Chromium, Total	7440-47-3	0.591	0.601	0.609	0.606
Cobalt	7440-48-4				
Copper	7440-50-8				
Cyanide	57-12-5	< 1	< 1	< 1	< 1
Iron	7439-89-6				
Lead	7439-92-1	22.5	21.5	25	15.5
Magnesium	7439-95-4				
Manganese	7439-96-5				
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0				
Potassium	7440-09-7				
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5				
Vanadium	NA				
Zinc	7440-66-6				
PCBs and Dioxins					
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1
PCB-001					
PCB-002					
PCB-003					
PCB-004					
PCB-005					
PCB-006					
PCB-007					
PCB-008					
PCB-009					
PCB-010					
PCB-011					

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5891BH01	BLDG5891BH02	BLDG5891BH02	BLDG5891BH02
		11/13/1991	11/13/1991	11/13/1991	11/13/1991
		BHBLDG589111-01-14	BHBLDG589111-02-05	BHBLDG589111-02-10	BHBLDG589111-02-15
PCB-012					
PCB-013					
PCB-014					
PCB-015					
PCB-016					
PCB-017					
PCB-018					
PCB-019					
PCB-020					
PCB-021					
PCB-022					
PCB-023					
PCB-024					
PCB-025					
PCB-026					
PCB-027					
PCB-028					
PCB-029					
PCB-030					
PCB-031					
PCB-032					
PCB-033					
PCB-034					
PCB-035					
PCB-036					
PCB-037					
PCB-038					
PCB-039					
PCB-040					
PCB-041					
PCB-042					
PCB-043					
PCB-044					
PCB-045					
PCB-046					
PCB-047					
PCB-048					
PCB-049					
PCB-050					
PCB-051					
PCB-052					
PCB-053					
PCB-054					
PCB-055					
PCB-056					
PCB-057					

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5891BH01	BLDG5891BH02	BLDG5891BH02	BLDG5891BH02
		11/13/1991	11/13/1991	11/13/1991	11/13/1991
		BHBLDG589111-01-14	BHBLDG589111-02-05	BHBLDG589111-02-10	BHBLDG589111-02-15
PCB-058					
PCB-059					
PCB-060					
PCB-061					
PCB-062					
PCB-063					
PCB-064					
PCB-065					
PCB-066					
PCB-067					
PCB-068					
PCB-069					
PCB-070					
PCB-071					
PCB-072					
PCB-073					
PCB-074					
PCB-075					
PCB-076					
PCB-077	32598-13-3				
PCB-078					
PCB-079					
PCB-080					
PCB-081	70362-50-4				
PCB-082					
PCB-083					
PCB-084					
PCB-085					
PCB-086					
PCB-087					
PCB-088					
PCB-089					
PCB-090					
PCB-091					
PCB-092					
PCB-093					
PCB-094					
PCB-095					
PCB-096					
PCB-097					
PCB-098					
PCB-099					
PCB-100					
PCB-101					
PCB-102					
PCB-103					

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5891BH01	BLDG5891BH02	BLDG5891BH02	BLDG5891BH02
		11/13/1991	11/13/1991	11/13/1991	11/13/1991
		BHBLDG589111-01-14	BHBLDG589111-02-05	BHBLDG589111-02-10	BHBLDG589111-02-15
PCB-104					
PCB-105	32598-14-4				
PCB-106					
PCB-107					
PCB-108					
PCB-109					
PCB-110					
PCB-111					
PCB-112					
PCB-113					
PCB-114	74472-37-0				
PCB-115					
PCB-116					
PCB-117					
PCB-118	31508-00-6				
PCB-119					
PCB-120					
PCB-121					
PCB-122					
PCB-123	65510-44-3				
PCB-124					
PCB-125					
PCB-126	57465-28-8				
PCB-127					
PCB-128					
PCB-129					
PCB-130					
PCB-131					
PCB-132					
PCB-133					
PCB-134					
PCB-135					
PCB-136					
PCB-137					
PCB-138					
PCB-139					
PCB-140					
PCB-141					
PCB-142					
PCB-143					
PCB-144					
PCB-145					
PCB-146					
PCB-147					
PCB-148					
PCB-149					

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5891BH01	BLDG5891BH02	BLDG5891BH02	BLDG5891BH02
		11/13/1991	11/13/1991	11/13/1991	11/13/1991
		BHBLDG589111-01-14	BHBLDG589111-02-05	BHBLDG589111-02-10	BHBLDG589111-02-15
PCB-150					
PCB-151					
PCB-152					
PCB-153					
PCB-154					
PCB-155					
PCB-156					
PCB-157	69782-90-7				
PCB-158					
PCB-159					
PCB-160					
PCB-161					
PCB-162					
PCB-163					
PCB-164					
PCB-165					
PCB-166					
PCB-167	52663-72-6				
PCB-168					
PCB-169	32774-16-6				
PCB-170					
PCB-171					
PCB-172					
PCB-173					
PCB-174					
PCB-175					
PCB-176					
PCB-177					
PCB-178					
PCB-179					
PCB-180					
PCB-181					
PCB-182					
PCB-183					
PCB-184					
PCB-185					
PCB-186					
PCB-187					
PCB-188					
PCB-189	39635-31-9				
PCB-190					
PCB-191					
PCB-192					
PCB-193					
PCB-194					
PCB-195					

Table A-2
Comparison of Subsurface Soil Data to Human Health andScreening Criteria (95-, ACE-, BLDG-,)
Bannister Federal Complex

Chemical	CAS	BLDG5891BH01	BLDG5891BH02	BLDG5891BH02	BLDG5891BH02
		11/13/1991	11/13/1991	11/13/1991	11/13/1991
		BHBLDG589111-01-14	BHBLDG589111-02-05	BHBLDG589111-02-10	BHBLDG589111-02-15
PCB-196					
PCB-197					
PCB-198					
PCB-199					
PCB-200					
PCB-201					
PCB-202					
PCB-203					
PCB-204					
PCB-205					
PCB-206					
PCB-207					
PCB-208					
PCB-209					
Hydrocarbons					
Diesel Fuel	68334-30-5				
Diesel Range Organics					
Fuel Oil					
Gasoline Range Organics					
Jet Fuel					
Kerosene	8008-20-6				
Mineral Spirits	64475-85-0				
Motor Oil					
Oil Range Hydrocarbons					
TPH (Heavy)					
TPH (Total)		< 20	< 20	< 20	< 20
Other					
Percent Moisture	ASTM D2974				

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH01	COGEN92BH01	COGEN92BH02	COGEN92BH02	COGEN92BH03	COGEN92BH03	COGEN92BH04	COGEN92BH04	COGEN92BH05
		12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/8/1992
		BHCOGEN09212-01-05	BHCOGEN09212-01-10	BHCOGEN09212-02-05	BHCOGEN09212-02-10	BHCOGEN09212-03-05	BHCOGEN09212-03-10	BHCOGEN09212-04-05	BHCOGEN09212-04-10	BHCOGEN09212-05-05
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH01	COGEN92BH01	COGEN92BH02	COGEN92BH02	COGEN92BH03	COGEN92BH03	COGEN92BH04	COGEN92BH04	COGEN92BH05
		12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/8/1992
		BHCOGEN09212-01-05	BHCOGEN09212-01-10	BHCOGEN09212-02-05	BHCOGEN09212-02-10	BHCOGEN09212-03-05	BHCOGEN09212-03-10	BHCOGEN09212-04-05	BHCOGEN09212-04-10	BHCOGEN09212-05-05
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH01	COGEN92BH01	COGEN92BH02	COGEN92BH02	COGEN92BH03	COGEN92BH03	COGEN92BH04	COGEN92BH04	COGEN92BH05
		12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/8/1992
		BHCOGEN09212-01-05	BHCOGEN09212-01-10	BHCOGEN09212-02-05	BHCOGEN09212-02-10	BHCOGEN09212-03-05	BHCOGEN09212-03-10	BHCOGEN09212-04-05	BHCOGEN09212-04-10	BHCOGEN09212-05-05
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH01	COGEN92BH01	COGEN92BH02	COGEN92BH02	COGEN92BH03	COGEN92BH03	COGEN92BH04	COGEN92BH04	COGEN92BH05
		12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/8/1992
		BHCOGEN09212-01-05	BHCOGEN09212-01-10	BHCOGEN09212-02-05	BHCOGEN09212-02-10	BHCOGEN09212-03-05	BHCOGEN09212-03-10	BHCOGEN09212-04-05	BHCOGEN09212-04-10	BHCOGEN09212-05-05
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	12500	17400	21200	14700	35300	18100	19100	23200	30306
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	3.78	4.09	4.6	4.14	13.2	5.88	5.11	5.43	6.99
Barium	7440-39-3	82.7	88	91.2	102	155	132	107	128	139
Beryllium	7440-41-7	0.55	0.6	0.7	0.55	1.1	0.55	0.65	0.75	0.95
Cadmium	7440-43-9	0.15	< 0.05	0.2	0.3	0.45	0.15	0.25	0.25	0.3
Calcium	7440-70-2	2070	2200	2280	3620	22900	2620	3010	9500	24074
Chromium, Total	7440-47-3	13	17.6	21.7	14.5	38.2	19.5	19.5	25.2	35.1
Cobalt	7440-48-4	3.7	7.8	5.95	6.5	8.75	5.15	7.75	7.55	8.2
Copper	7440-50-8	9.2	9.7	10.2	9.8	16.4	11.5	10.7	12.2	21.6
Cyanide	57-12-5									
Iron	7439-89-6	16500	18200	18200	16100	34500	15500	18200	18700	25672
Lead	7439-92-1	16	18.5	19	17.5	25	19.5	21	25.5	21.5
Magnesium	7439-95-4	2000	2000	2470	1780	5160	2120	2260	2520	5305
Manganese	7439-96-5	134	530	290	429	423	186	419	435	354
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	28.3	26.1	26.4	19.3	30	18.5	48.8	72.3	27.4
Potassium	7440-09-7	1380	2100	2920	1590	8040	2230	2340	3680	7435
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	49.9	65.5	123	71.6	320	134	70.4	108	302
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	14.6	22.6	29.4	17.2	44.6	24.3	24.1	32.1	37.7
Zinc	7440-66-6	43.4	51.8	49.9	48	49.2	49.9	58.4	59.6	58.3
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH01	COGEN92BH01	COGEN92BH02	COGEN92BH02	COGEN92BH03	COGEN92BH03	COGEN92BH04	COGEN92BH04	COGEN92BH05
		12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/8/1992
		BHCOGEN09212-01-05	BHCOGEN09212-01-10	BHCOGEN09212-02-05	BHCOGEN09212-02-10	BHCOGEN09212-03-05	BHCOGEN09212-03-10	BHCOGEN09212-04-05	BHCOGEN09212-04-10	BHCOGEN09212-05-05
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH01	COGEN92BH01	COGEN92BH02	COGEN92BH02	COGEN92BH03	COGEN92BH03	COGEN92BH04	COGEN92BH04	COGEN92BH05
		12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/8/1992
		BHCOGEN09212-01-05	BHCOGEN09212-01-10	BHCOGEN09212-02-05	BHCOGEN09212-02-10	BHCOGEN09212-03-05	BHCOGEN09212-03-10	BHCOGEN09212-04-05	BHCOGEN09212-04-10	BHCOGEN09212-05-05
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH01	COGEN92BH01	COGEN92BH02	COGEN92BH02	COGEN92BH03	COGEN92BH03	COGEN92BH04	COGEN92BH04	COGEN92BH05
		12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/8/1992
		BHCOGEN09212-01-05	BHCOGEN09212-01-10	BHCOGEN09212-02-05	BHCOGEN09212-02-10	BHCOGEN09212-03-05	BHCOGEN09212-03-10	BHCOGEN09212-04-05	BHCOGEN09212-04-10	BHCOGEN09212-05-05
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH01	COGEN92BH01	COGEN92BH02	COGEN92BH02	COGEN92BH03	COGEN92BH03	COGEN92BH04	COGEN92BH04	COGEN92BH05
		12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/8/1992
		BHCOGEN09212-01-05	BHCOGEN09212-01-10	BHCOGEN09212-02-05	BHCOGEN09212-02-10	BHCOGEN09212-03-05	BHCOGEN09212-03-10	BHCOGEN09212-04-05	BHCOGEN09212-04-10	BHCOGEN09212-05-05
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH01	COGEN92BH01	COGEN92BH02	COGEN92BH02	COGEN92BH03	COGEN92BH03	COGEN92BH04	COGEN92BH04	COGEN92BH05
		12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/7/1992	12/8/1992
		BHCOGEN09212-01-05	BHCOGEN09212-01-10	BHCOGEN09212-02-05	BHCOGEN09212-02-10	BHCOGEN09212-03-05	BHCOGEN09212-03-10	BHCOGEN09212-04-05	BHCOGEN09212-04-10	BHCOGEN09212-05-05
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Fuel Oil		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Gasoline Range Organics		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Jet Fuel		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Kerosene	8008-20-6	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Mineral Spirits	64475-85-0	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Motor Oil		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	80	65	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH05	COGEN92BH06	COGEN92BH06	COGEN92BH07	COGEN92BH07	COGEN92BH08	COGEN92BH08	COGEN92BH09	COGEN92BH09
		12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992
		BHCOGEN09212-05-10	BHCOGEN09212-06-05	BHCOGEN09212-06-10	BHCOGEN09212-07-05	BHCOGEN09212-07-10	BHCOGEN09212-08-05	BHCOGEN09212-08-10	BHCOGEN09212-09-05	BHCOGEN09212-09-10
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.1	0.034	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH05	COGEN92BH06	COGEN92BH06	COGEN92BH07	COGEN92BH07	COGEN92BH08	COGEN92BH08	COGEN92BH09	COGEN92BH09
		12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992
		BHCOGEN09212-05-10	BHCOGEN09212-06-05	BHCOGEN09212-06-10	BHCOGEN09212-07-05	BHCOGEN09212-07-10	BHCOGEN09212-08-05	BHCOGEN09212-08-10	BHCOGEN09212-09-05	BHCOGEN09212-09-10
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.021	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH05	COGEN92BH06	COGEN92BH06	COGEN92BH07	COGEN92BH07	COGEN92BH08	COGEN92BH08	COGEN92BH09	COGEN92BH09
		12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992
		BHCOGEN09212-05-10	BHCOGEN09212-06-05	BHCOGEN09212-06-10	BHCOGEN09212-07-05	BHCOGEN09212-07-10	BHCOGEN09212-08-05	BHCOGEN09212-08-10	BHCOGEN09212-09-05	BHCOGEN09212-09-10
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH05	COGEN92BH06	COGEN92BH06	COGEN92BH07	COGEN92BH07	COGEN92BH08	COGEN92BH08	COGEN92BH09	COGEN92BH09
		12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992
		BHCOGEN09212-05-10	BHCOGEN09212-06-05	BHCOGEN09212-06-10	BHCOGEN09212-07-05	BHCOGEN09212-07-10	BHCOGEN09212-08-05	BHCOGEN09212-08-10	BHCOGEN09212-09-05	BHCOGEN09212-09-10
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	16666	20153	13564	27812	13994	20416	12268	17030	12700
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	4.37	5.79	5.84	7.59	5.94	4.97	6.66	4.32	5.37
Barium	7440-39-3	92.1	125	133	188	146	137	115	102	100
Beryllium	7440-41-7	0.6	0.6	0.55	0.8	0.55	0.6	0.55	0.6	0.55
Cadmium	7440-43-9	0.2	< 0.05	0.45	0.35	0.5	0.25	0.2	0.25	0.2
Calcium	7440-70-2	2662	2480	2164	2920	2307	24152	2461	2808	2610
Chromium, Total	7440-47-3	16.6	21.6	14.4	27.8	14.5	20.2	12.9	16.1	14.3
Cobalt	7440-48-4	6.55	4.45	10.5	8	9.3	5.15	5.1	6.45	4.1
Copper	7440-50-8	10.2	10.3	9.85	13	10.6	11.5	10.5	12.6	10.4
Cyanide	57-12-5									
Iron	7439-89-6	16882	16753	15188	20532	15769	16367	15967	15493	15100
Lead	7439-92-1	18.5	18	21.5	21.5	20.5	21	20	18	18.5
Magnesium	7439-95-4	2070	2333	1731	3008	1715	3066	2109	2180	2170
Manganese	7439-96-5	311	288	809	738	841	379	250	404	232
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	18.7	24.1	20.9	21.7	20.4	19.4	14.7	18.3	21.2
Potassium	7440-09-7	2002	3264	1838	4716	1851	3184	1766	1942	1820
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	57.9	89.1	49.4	145	48.7	179	112	105	219
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	19	33.6	24.1	47.9	23.3	30.1	19.8	20.9	17.5
Zinc	7440-66-6	52.7	48.4	46.8	59	50.7	52.5	51.5	52.3	51
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH05	COGEN92BH06	COGEN92BH06	COGEN92BH07	COGEN92BH07	COGEN92BH08	COGEN92BH08	COGEN92BH09	COGEN92BH09
		12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992
		BHCOGEN09212-05-10	BHCOGEN09212-06-05	BHCOGEN09212-06-10	BHCOGEN09212-07-05	BHCOGEN09212-07-10	BHCOGEN09212-08-05	BHCOGEN09212-08-10	BHCOGEN09212-09-05	BHCOGEN09212-09-10
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH05	COGEN92BH06	COGEN92BH06	COGEN92BH07	COGEN92BH07	COGEN92BH08	COGEN92BH08	COGEN92BH09	COGEN92BH09
		12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992
		BHCOGEN09212-05-10	BHCOGEN09212-06-05	BHCOGEN09212-06-10	BHCOGEN09212-07-05	BHCOGEN09212-07-10	BHCOGEN09212-08-05	BHCOGEN09212-08-10	BHCOGEN09212-09-05	BHCOGEN09212-09-10
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH05	COGEN92BH06	COGEN92BH06	COGEN92BH07	COGEN92BH07	COGEN92BH08	COGEN92BH08	COGEN92BH09	COGEN92BH09
		12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992
		BHCOGEN09212-05-10	BHCOGEN09212-06-05	BHCOGEN09212-06-10	BHCOGEN09212-07-05	BHCOGEN09212-07-10	BHCOGEN09212-08-05	BHCOGEN09212-08-10	BHCOGEN09212-09-05	BHCOGEN09212-09-10
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH05	COGEN92BH06	COGEN92BH06	COGEN92BH07	COGEN92BH07	COGEN92BH08	COGEN92BH08	COGEN92BH09	COGEN92BH09
		12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992
		BHCOGEN09212-05-10	BHCOGEN09212-06-05	BHCOGEN09212-06-10	BHCOGEN09212-07-05	BHCOGEN09212-07-10	BHCOGEN09212-08-05	BHCOGEN09212-08-10	BHCOGEN09212-09-05	BHCOGEN09212-09-10
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH05	COGEN92BH06	COGEN92BH06	COGEN92BH07	COGEN92BH07	COGEN92BH08	COGEN92BH08	COGEN92BH09	COGEN92BH09
		12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992	12/8/1992
		BHCOGEN09212-05-10	BHCOGEN09212-06-05	BHCOGEN09212-06-10	BHCOGEN09212-07-05	BHCOGEN09212-07-10	BHCOGEN09212-08-05	BHCOGEN09212-08-10	BHCOGEN09212-09-05	BHCOGEN09212-09-10
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Fuel Oil		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Gasoline Range Organics		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Jet Fuel		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Kerosene	8008-20-6	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Mineral Spirits	64475-85-0	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Motor Oil		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH10	COGEN92BH10	COGEN92BH11	COGEN92BH12	COGEN93BH13	COGEN93BH13	COGEN93BH14	COGEN93BH14	COGEN93BH15
		12/9/1992	12/9/1992	12/9/1992	12/9/1992	2/17/1993	2/17/1993	2/17/1993	2/17/1993	2/18/1993
		BHCOGEN09212-10-05	BHCOGEN09212-10-10	BHCOGEN09212-11-05	BHCOGEN09212-12-05	BHCOGEN09302-13-05	BHCOGEN09302-13-09	BHCOGEN09302-14-05	BHCOGEN09302-14-10	BHCOGEN09302-15-04
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH10	COGEN92BH10	COGEN92BH11	COGEN92BH12	COGEN93BH13	COGEN93BH13	COGEN93BH14	COGEN93BH14	COGEN93BH15
		12/9/1992	12/9/1992	12/9/1992	12/9/1992	2/17/1993	2/17/1993	2/17/1993	2/17/1993	2/18/1993
		BHCOGEN09212-10-05	BHCOGEN09212-10-10	BHCOGEN09212-11-05	BHCOGEN09212-12-05	BHCOGEN09302-13-05	BHCOGEN09302-13-09	BHCOGEN09302-14-05	BHCOGEN09302-14-10	BHCOGEN09302-15-04
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.038	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH10	COGEN92BH10	COGEN92BH11	COGEN92BH12	COGEN93BH13	COGEN93BH13	COGEN93BH14	COGEN93BH14	COGEN93BH15
		12/9/1992	12/9/1992	12/9/1992	12/9/1992	2/17/1993	2/17/1993	2/17/1993	2/17/1993	2/18/1993
		BHCOGEN09212-10-05	BHCOGEN09212-10-10	BHCOGEN09212-11-05	BHCOGEN09212-12-05	BHCOGEN09302-13-05	BHCOGEN09302-13-09	BHCOGEN09302-14-05	BHCOGEN09302-14-10	BHCOGEN09302-15-04
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
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Bannister Federal Complex

Chemical	CAS	COGEN92BH10	COGEN92BH10	COGEN92BH11	COGEN92BH12	COGEN93BH13	COGEN93BH13	COGEN93BH14	COGEN93BH14	COGEN93BH15
		12/9/1992	12/9/1992	12/9/1992	12/9/1992	2/17/1993	2/17/1993	2/17/1993	2/17/1993	2/18/1993
		BHCOGEN09212-10-05	BHCOGEN09212-10-10	BHCOGEN09212-11-05	BHCOGEN09212-12-05	BHCOGEN09302-13-05	BHCOGEN09302-13-09	BHCOGEN09302-14-05	BHCOGEN09302-14-10	BHCOGEN09302-15-04
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	13533	18268	19259	19215	17500	15900	19200	19000	17500
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	3.07	4.32	6.19	7.62	4.37	3.84	7.47	7.97	3.93
Barium	7440-39-3	82.3	134	114	120	89.9	85.5	237	162	151
Beryllium	7440-41-7	0.5	0.55	0.55	0.5	0.55	0.5	0.5	0.55	0.65
Cadmium	7440-43-9	0.1	0.1	1.55	0.2	< 0.05	< 0.05	0.9	0.15	0.35
Calcium	7440-70-2	3150	2110	26709	99278	2654	2430	80800	3230	2800
Chromium, Total	7440-47-3	14.2	18.2	22.2	18.1	15.9	14.6	20.1	19.6	18.2
Cobalt	7440-48-4	3	5.2	4.9	3.45	2.95	2.8	10.4	6.1	11.8
Copper	7440-50-8	11.4	11.5	13.3	10	11.1	9.45	13	13.5	11.4
Cyanide	57-12-5									
Iron	7439-89-6	13766	14220	14116	14043	14600	14000	14000	19700	16100
Lead	7439-92-1	19	20.5	58.5	30.6	16.5	13	38.5	17.5	18
Magnesium	7439-95-4	1895	2087	2599	2686	2180	2050	3020	3106	1930
Manganese	7439-96-5	354	378	383	293	148	90.8	820	567	907
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	17.1	13	17	15.2	14.1	10.9	16.3	13.8	27.8
Potassium	7440-09-7	1485	3061	3528	2965	1860	2120	3500	2440	2080
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	116	119	108	126	78.6	52.5	117	162	53.9
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	16.4	29.4	34.3	29.4	19.6	20.9	36.6	37.9	21.5
Zinc	7440-66-6	46.1	44.1	396	52.9	34.8	36.8	88.9	54.8	42.8
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH10	COGEN92BH10	COGEN92BH11	COGEN92BH12	COGEN93BH13	COGEN93BH13	COGEN93BH14	COGEN93BH14	COGEN93BH15
		12/9/1992	12/9/1992	12/9/1992	12/9/1992	2/17/1993	2/17/1993	2/17/1993	2/17/1993	2/18/1993
		BHCOGEN09212-10-05	BHCOGEN09212-10-10	BHCOGEN09212-11-05	BHCOGEN09212-12-05	BHCOGEN09302-13-05	BHCOGEN09302-13-09	BHCOGEN09302-14-05	BHCOGEN09302-14-10	BHCOGEN09302-15-04
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH10	COGEN92BH10	COGEN92BH11	COGEN92BH12	COGEN93BH13	COGEN93BH13	COGEN93BH14	COGEN93BH14	COGEN93BH15
		12/9/1992	12/9/1992	12/9/1992	12/9/1992	2/17/1993	2/17/1993	2/17/1993	2/17/1993	2/18/1993
		BHCOGEN09212-10-05	BHCOGEN09212-10-10	BHCOGEN09212-11-05	BHCOGEN09212-12-05	BHCOGEN09302-13-05	BHCOGEN09302-13-09	BHCOGEN09302-14-05	BHCOGEN09302-14-10	BHCOGEN09302-15-04
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH10	COGEN92BH10	COGEN92BH11	COGEN92BH12	COGEN93BH13	COGEN93BH13	COGEN93BH14	COGEN93BH14	COGEN93BH15
		12/9/1992	12/9/1992	12/9/1992	12/9/1992	2/17/1993	2/17/1993	2/17/1993	2/17/1993	2/18/1993
		BHCOGEN09212-10-05	BHCOGEN09212-10-10	BHCOGEN09212-11-05	BHCOGEN09212-12-05	BHCOGEN09302-13-05	BHCOGEN09302-13-09	BHCOGEN09302-14-05	BHCOGEN09302-14-10	BHCOGEN09302-15-04
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH10	COGEN92BH10	COGEN92BH11	COGEN92BH12	COGEN93BH13	COGEN93BH13	COGEN93BH14	COGEN93BH14	COGEN93BH15
		12/9/1992	12/9/1992	12/9/1992	12/9/1992	2/17/1993	2/17/1993	2/17/1993	2/17/1993	2/18/1993
		BHCOGEN09212-10-05	BHCOGEN09212-10-10	BHCOGEN09212-11-05	BHCOGEN09212-12-05	BHCOGEN09302-13-05	BHCOGEN09302-13-09	BHCOGEN09302-14-05	BHCOGEN09302-14-10	BHCOGEN09302-15-04
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN92BH10	COGEN92BH10	COGEN92BH11	COGEN92BH12	COGEN93BH13	COGEN93BH13	COGEN93BH14	COGEN93BH14	COGEN93BH15
		12/9/1992	12/9/1992	12/9/1992	12/9/1992	2/17/1993	2/17/1993	2/17/1993	2/17/1993	2/18/1993
		BHCOGEN09212-10-05	BHCOGEN09212-10-10	BHCOGEN09212-11-05	BHCOGEN09212-12-05	BHCOGEN09302-13-05	BHCOGEN09302-13-09	BHCOGEN09302-14-05	BHCOGEN09302-14-10	BHCOGEN09302-15-04
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Fuel Oil		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Gasoline Range Organics		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Jet Fuel		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Kerosene	8008-20-6	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Mineral Spirits	64475-85-0	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Motor Oil		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN93BH15	COGEN93BH16	COGEN93BH16	FIR90BH01	FIR90BH01	FIR90BH02	FIR90BH02	GASTNK91BH01	GASTNK91BH01
		2/18/1993	2/19/1993	2/19/1993	11/2/1990	11/2/1990	11/2/1990	11/2/1990	2/21/1991	2/21/1991
		BHCOGEN09302-15-10	BHCOGEN09302-16-04	BHCOGEN09302-16-13	BHFIRVAL9011-01-07	BHFIRVAL9011-01-13	BHFIRVAL9011-02-04	BHFIRVAL9011-02-13	BHGASTNK9102-01-07	BHGASTNK9102-01-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	0.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01						
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005						
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005						
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005						
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN93BH15	COGEN93BH16	COGEN93BH16	FIR90BH01	FIR90BH01	FIR90BH02	FIR90BH02	GASTNK91BH01	GASTNK91BH01
		2/18/1993	2/19/1993	2/19/1993	11/2/1990	11/2/1990	11/2/1990	11/2/1990	2/21/1991	2/21/1991
		BHCOGEN09302-15-10	BHCOGEN09302-16-04	BHCOGEN09302-16-13	BHFIRVAL9011-01-07	BHFIRVAL9011-01-13	BHFIRVAL9011-02-04	BHFIRVAL9011-02-13	BHGASTNK9102-01-07	BHGASTNK9102-01-09
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	0.16	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01						
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN93BH15	COGEN93BH16	COGEN93BH16	FIR90BH01	FIR90BH01	FIR90BH02	FIR90BH02	GASTNK91BH01	GASTNK91BH01
		2/18/1993	2/19/1993	2/19/1993	11/2/1990	11/2/1990	11/2/1990	11/2/1990	2/21/1991	2/21/1991
		BHCOGEN09302-15-10	BHCOGEN09302-16-04	BHCOGEN09302-16-13	BHFIRVAL9011-01-07	BHFIRVAL9011-01-13	BHFIRVAL9011-02-04	BHFIRVAL9011-02-13	BHGASTNK9102-01-07	BHGASTNK9102-01-09
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN93BH15	COGEN93BH16	COGEN93BH16	FIR90BH01	FIR90BH01	FIR90BH02	FIR90BH02	GASTNK91BH01	GASTNK91BH01
		2/18/1993	2/19/1993	2/19/1993	11/2/1990	11/2/1990	11/2/1990	11/2/1990	2/21/1991	2/21/1991
		BHCOGEN09302-15-10	BHCOGEN09302-16-04	BHCOGEN09302-16-13	BHFIRVAL9011-01-07	BHFIRVAL9011-01-13	BHFIRVAL9011-02-04	BHFIRVAL9011-02-13	BHGASTNK9102-01-07	BHGASTNK9102-01-09
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	17800	17400	22100						
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	0.177	0.157	0.196	0.409		
Arsenic	7440-38-2	3.93	2.52	5.69	1.07	2.03	0.783	2.95		
Barium	7440-39-3	113	112	92.4						
Beryllium	7440-41-7	0.55	0.55	0.6	0.258	0.255	0.256			
Cadmium	7440-43-9	0.45	0.75	0.45	< 0.1	0.1	0.4			
Calcium	7440-70-2	2790	6290	2910						
Chromium, Total	7440-47-3	19.7	23.5	23.6	15	16.9	15.9			
Cobalt	7440-48-4	7.75	2.6	6.7						
Copper	7440-50-8	9.55	13.7	11.2	9.11	11.5	11.4			
Cyanide	57-12-5									
Iron	7439-89-6	16000	12400	21800						
Lead	7439-92-1	16	22	18	8.9	10.7	12.5			
Magnesium	7439-95-4	2142	2470	2390						
Manganese	7439-96-5	500	62.5	466						
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1	< 0.1		
Nickel	7440-02-0	17	16.1	18.8	8.56	9.5	13			
Potassium	7440-09-7	2570	2580	2940						
Selenium	7782-49-2	< 0.25	0.016	< 0.25	< 1	< 1	< 1	< 1		
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	0.82	0.8	0.87			
Sodium	7440-23-5	78.9	168	95.6						
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	2.4	2.4	3.5			
Vanadium	NA	25.8	33.8	31.9						
Zinc	7440-66-6	48.1	83.8	52.9	30	34.2	37.1			
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN93BH15	COGEN93BH16	COGEN93BH16	FIR90BH01	FIR90BH01	FIR90BH02	FIR90BH02	GASTNK91BH01	GASTNK91BH01
		2/18/1993	2/19/1993	2/19/1993	11/2/1990	11/2/1990	11/2/1990	11/2/1990	2/21/1991	2/21/1991
		BHCOGEN09302-15-10	BHCOGEN09302-16-04	BHCOGEN09302-16-13	BHFIRVAL9011-01-07	BHFIRVAL9011-01-13	BHFIRVAL9011-02-04	BHFIRVAL9011-02-13	BHGASTNK9102-01-07	BHGASTNK9102-01-09
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
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PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN93BH15	COGEN93BH16	COGEN93BH16	FIR90BH01	FIR90BH01	FIR90BH02	FIR90BH02	GASTNK91BH01	GASTNK91BH01
		2/18/1993	2/19/1993	2/19/1993	11/2/1990	11/2/1990	11/2/1990	11/2/1990	2/21/1991	2/21/1991
		BHCOGEN09302-15-10	BHCOGEN09302-16-04	BHCOGEN09302-16-13	BHFIRVAL9011-01-07	BHFIRVAL9011-01-13	BHFIRVAL9011-02-04	BHFIRVAL9011-02-13	BHGASTNK9102-01-07	BHGASTNK9102-01-09
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN93BH15	COGEN93BH16	COGEN93BH16	FIR90BH01	FIR90BH01	FIR90BH02	FIR90BH02	GASTNK91BH01	GASTNK91BH01
		2/18/1993	2/19/1993	2/19/1993	11/2/1990	11/2/1990	11/2/1990	11/2/1990	2/21/1991	2/21/1991
		BHCOGEN09302-15-10	BHCOGEN09302-16-04	BHCOGEN09302-16-13	BHFIRVAL9011-01-07	BHFIRVAL9011-01-13	BHFIRVAL9011-02-04	BHFIRVAL9011-02-13	BHGASTNK9102-01-07	BHGASTNK9102-01-09
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN93BH15	COGEN93BH16	COGEN93BH16	FIR90BH01	FIR90BH01	FIR90BH02	FIR90BH02	GASTNK91BH01	GASTNK91BH01
		2/18/1993	2/19/1993	2/19/1993	11/2/1990	11/2/1990	11/2/1990	11/2/1990	2/21/1991	2/21/1991
		BHCOGEN09302-15-10	BHCOGEN09302-16-04	BHCOGEN09302-16-13	BHFIRVAL9011-01-07	BHFIRVAL9011-01-13	BHFIRVAL9011-02-04	BHFIRVAL9011-02-13	BHGASTNK9102-01-07	BHGASTNK9102-01-09
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	COGEN93BH15	COGEN93BH16	COGEN93BH16	FIR90BH01	FIR90BH01	FIR90BH02	FIR90BH02	GASTNK91BH01	GASTNK91BH01
		2/18/1993	2/19/1993	2/19/1993	11/2/1990	11/2/1990	11/2/1990	11/2/1990	2/21/1991	2/21/1991
		BHCOGEN09302-15-10	BHCOGEN09302-16-04	BHCOGEN09302-16-13	BHFIRVAL9011-01-07	BHFIRVAL9011-01-13	BHFIRVAL9011-02-04	BHFIRVAL9011-02-13	BHGASTNK9102-01-07	BHGASTNK9102-01-09
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics		< 20	< 10	< 20						
Fuel Oil		< 20	< 10	< 20						
Gasoline Range Organics		< 20	< 10	< 20						
Jet Fuel		< 20	< 10	< 20						
Kerosene	8008-20-6	< 20	< 10	< 20						
Mineral Spirits	64475-85-0	< 20	< 10	< 20						
Motor Oil		< 20	< 10	< 20						
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 10	< 20	< 7	< 7	< 7	< 7		
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GASTNK91BH02	GASTNK91BH02	GS06-504	GS06-504	GS06-505	GS06-505	GS06-510	GS06-511	GS06-512
		2/21/1991	2/21/1991	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/3/2006	11/3/2006
		BHGASTNK9102-02-07	BHGASTNK9102-02-09	GS06-504S-061102-05	GS06-504S-061102-10	GS06-505S-061102-05	GS06-505S-061102-10	GS06-510S-061102-08	GS06-511S-061103-09	GS06-512S-061103-09
VOCs										
Acetone	67-64-1			0.0332	< 0.0194	< 0.0196	< 0.0188	0.0245	< 0.0207	0.0294
Benzene	71-43-2			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Bromochloromethane	74-97-5			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Bromodichloromethane	75-27-4			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Bromoform	75-25-2			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Bromomethane	74-83-9			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Butylbenzene, n-	104-51-8			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Butylbenzene, sec-	135-98-8			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Butylbenzene, tert-	98-06-6			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Carbon Disulfide	75-15-0			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Carbon Tetrachloride	56-23-5			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Chlorobenzene	108-90-7			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Chloroethane	75-00-3			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Chloromethane	74-87-3			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Chlorotoluene, p-	106-43-4			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
cis-1,3-Dichloropropene	10061-01-5			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dibromochloromethane	124-48-1			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dibromoethane, 1,2-	106-93-4			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dibromomethane (Methylene Bromide)	74-95-3			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichlorobenzene, 1,2-	95-50-1			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichlorobenzene, 1,3-	541-73-1			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichlorobenzene, 1,4-	106-46-7			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichlorodifluoromethane	75-71-8			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichloroethane, 1,1-	75-34-3			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichloroethane, 1,2-	107-06-2			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichloroethene, 1,1-	75-35-4			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichloroethene, 1,2- (Total)	540-59-0			< 0.0044	< 0.0049	< 0.0049	< 0.0047	0.0137	< 0.0052	< 0.0048
Dichloroethylene, 1,2-cis-	156-59-2			< 0.0044	< 0.0049	< 0.0049	< 0.0047	0.0137	< 0.0052	< 0.0048
Dichloroethylene, 1,2-trans-	156-60-5			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichloropropane, 1,2-	78-87-5			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichloropropane, 1,3-	142-28-9			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichloropropane, 2,2-	594-20-7			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichloropropene, 1,1-	563-58-6			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Dichloropropene, trans-1,3-	10061-02-6			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Ethylbenzene	100-41-4			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Hexachlorobutadiene	87-68-3			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GASTNK91BH02	GASTNK91BH02	GS06-504	GS06-504	GS06-505	GS06-505	GS06-510	GS06-511	GS06-512
		2/21/1991	2/21/1991	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/3/2006	11/3/2006
		BHGASTNK9102-02-07	BHGASTNK9102-02-09	GS06-504S-061102-05	GS06-504S-061102-10	GS06-505S-061102-05	GS06-505S-061102-10	GS06-510S-061102-08	GS06-511S-061103-09	GS06-512S-061103-09
Hexanone, 2-	591-78-6			< 0.0177	< 0.0194	< 0.0196	< 0.0188	< 0.0208	< 0.0207	< 0.0192
Isopropylbenzene (Cumene)	98-82-8			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Isopropyltoluene, p-	99-87-6			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 0.0089	< 0.0097	< 0.0098	< 0.0094	< 0.0104	< 0.0103	< 0.0096
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			< 0.0089	< 0.0097	< 0.0098	< 0.0094	< 0.0104	< 0.0103	< 0.0096
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Methylene Chloride	75-09-2			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Naphthalene	91-20-3			< 0.0089	< 0.0097	< 0.0098	< 0.0094	< 0.0042	< 0.0042	< 0.0041
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Styrene	100-42-5			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Tetrachloroethane, 1,1,1,2-	630-20-6			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Tetrachloroethane, 1,1,2,2-	79-34-5			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Tetrachloroethene	127-18-4			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Toluene	108-88-3			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Trichlorobenzene, 1,2,4-	120-82-1			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Trichloroethane, 1,1,1-	71-55-6			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Trichloroethane, 1,1,2-	79-00-5			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Trichloroethene	79-01-6			< 0.0044	< 0.0049	< 0.0049	0.0279	< 0.0052	< 0.0052	< 0.0048
Trichlorofluoromethane	75-69-4			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Trichloropropane, 1,2,3-	96-18-4			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Trimethylbenzene, 1,3,5-	108-67-8			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4			< 0.0044	< 0.0049	< 0.0049	< 0.0047	0.0153	< 0.0052	< 0.0048
Xylene, o-	95-47-6									
Xylenes	1330-20-7			< 0.0044	< 0.0049	< 0.0049	< 0.0047	< 0.0052	< 0.0052	< 0.0048
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9							< 0.0042	< 0.0042	< 0.0041
Acenaphthylene	208-96-8							< 0.0042	< 0.0042	< 0.0041
Aniline	62-53-3									
Anthracene	120-12-7							< 0.0042	< 0.0042	< 0.0041
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3							< 0.0042	< 0.0042	< 0.0041
Benzo[a]pyrene	50-32-8							< 0.0042	< 0.0042	< 0.0041
Benzo[b]fluoranthene	205-99-2							< 0.0042	< 0.0042	< 0.0041
Benzo[g,h,i]perylene	191-24-2							< 0.0042	< 0.0042	< 0.0041
Benzo[k]fluoranthene	207-08-9							< 0.0042	< 0.0042	< 0.0041
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GASTNK91BH02	GASTNK91BH02	GS06-504	GS06-504	GS06-505	GS06-505	GS06-510	GS06-511	GS06-512
		2/21/1991	2/21/1991	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/3/2006	11/3/2006
		BHGASTNK9102-02-07	BHGASTNK9102-02-09	GS06-504S-061102-05	GS06-504S-061102-10	GS06-505S-061102-05	GS06-505S-061102-10	GS06-510S-061102-08	GS06-511S-061103-09	GS06-512S-061103-09
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9							< 0.0042	< 0.0042	< 0.0041
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3							< 0.0042	< 0.0042	< 0.0041
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0							< 0.0042	< 0.0042	< 0.0041
Fluorene	86-73-7							< 0.0042	< 0.0042	< 0.0041
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5							< 0.0042	< 0.0042	< 0.0041
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8							< 0.0042	< 0.0042	< 0.0041
Phenol	108-95-2									
Pyrene	129-00-0							< 0.0042	< 0.0042	< 0.0041
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GASTNK91BH02	GASTNK91BH02	GS06-504	GS06-504	GS06-505	GS06-505	GS06-510	GS06-511	GS06-512
		2/21/1991	2/21/1991	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/3/2006	11/3/2006
		BHGASTNK9102-02-07	BHGASTNK9102-02-09	GS06-504S-061102-05	GS06-504S-061102-10	GS06-505S-061102-05	GS06-505S-061102-10	GS06-510S-061102-08	GS06-511S-061103-09	GS06-512S-061103-09
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	< 3.13	< 3.29					6	4.9	5.6
Barium	7440-39-3	165	159					187	170	177
Beryllium	7440-41-7									
Cadmium	7440-43-9	2.5	2.5					1.4	1	1.1
Calcium	7440-70-2									
Chromium, Total	7440-47-3	25.9	21.1					20.9	22.4	19.7
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1	< 3.13	7.3					14.2	9	12.2
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.063	< 0.066							
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2	< 0.313	< 0.329					< 1.4	< 1.4	< 1.5
Silver	7440-22-4	< 1.88	< 1.97							
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1							
Aroclor 1221	11104-28-2	< 1	< 1							
Aroclor 1232	11141-16-5	< 1	< 1							
Aroclor 1242	53469-21-9	1	< 1							
Aroclor 1248	12672-29-6	< 1	< 1							
Aroclor 1254	11097-69-1	< 1	< 1							
Aroclor 1260	11096-82-5	< 1	< 1							
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GASTNK91BH02	GASTNK91BH02	GS06-504	GS06-504	GS06-505	GS06-505	GS06-510	GS06-511	GS06-512
		2/21/1991	2/21/1991	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/3/2006	11/3/2006
		BHGASTNK9102-02-07	BHGASTNK9102-02-09	GS06-504S-061102-05	GS06-504S-061102-10	GS06-505S-061102-05	GS06-505S-061102-10	GS06-510S-061102-08	GS06-511S-061103-09	GS06-512S-061103-09
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GASTNK91BH02	GASTNK91BH02	GS06-504	GS06-504	GS06-505	GS06-505	GS06-510	GS06-511	GS06-512
		2/21/1991	2/21/1991	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/3/2006	11/3/2006
		BHGASTNK9102-02-07	BHGASTNK9102-02-09	GS06-504S-061102-05	GS06-504S-061102-10	GS06-505S-061102-05	GS06-505S-061102-10	GS06-510S-061102-08	GS06-511S-061103-09	GS06-512S-061103-09
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GASTNK91BH02	GASTNK91BH02	GS06-504	GS06-504	GS06-505	GS06-505	GS06-510	GS06-511	GS06-512
		2/21/1991	2/21/1991	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/3/2006	11/3/2006
		BHGASTNK9102-02-07	BHGASTNK9102-02-09	GS06-504S-061102-05	GS06-504S-061102-10	GS06-505S-061102-05	GS06-505S-061102-10	GS06-510S-061102-08	GS06-511S-061103-09	GS06-512S-061103-09
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GASTNK91BH02	GASTNK91BH02	GS06-504	GS06-504	GS06-505	GS06-505	GS06-510	GS06-511	GS06-512
		2/21/1991	2/21/1991	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/3/2006	11/3/2006
		BHGASTNK9102-02-07	BHGASTNK9102-02-09	GS06-504S-061102-05	GS06-504S-061102-10	GS06-505S-061102-05	GS06-505S-061102-10	GS06-510S-061102-08	GS06-511S-061103-09	GS06-512S-061103-09
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GASTNK91BH02	GASTNK91BH02	GS06-504	GS06-504	GS06-505	GS06-505	GS06-510	GS06-511	GS06-512
		2/21/1991	2/21/1991	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/2/2006	11/3/2006	11/3/2006
		BHGASTNK9102-02-07	BHGASTNK9102-02-09	GS06-504S-061102-05	GS06-504S-061102-10	GS06-505S-061102-05	GS06-505S-061102-10	GS06-510S-061102-08	GS06-511S-061103-09	GS06-512S-061103-09
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics								< 18.9	< 19	< 18.8
Fuel Oil										
Gasoline Range Organics								< 0.52	< 0.52	< 0.48
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons								< 18.9	< 19	< 18.8
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 25	< 25							
Other										
Percent Moisture	ASTM D2974			16.2	20.1	19.1	18	20.9	21.4	20.1

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT5	GS10-DPT6	GS10-DPT6	IPV91BH01	IPV91BH02	IPV91BH04	IPV91BH04
		12/8/2010	12/8/2010	12/10/2010	12/9/2010	12/9/2010	11/15/1991	11/15/1991	11/14/1991	11/14/1991
		GS10-DPT1S-101208-04	GSDPT1S-1012-98	GS10-DPT5S-101210-02	GS10-DPT6S-101209-02	GSDPT6S-1012-99	BHIPV0019111-01-05	BHIPV0029111-02-05	BHIPV1399111-04-05	BHIPV1399111-04-10
VOCs										
Acetone	67-64-1	0.335		< 0.0074	< 0.0081		< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.00073		< 0.00063	< 0.00068		< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4	< 0.048		< 0.046	< 0.047					
Bromobenzene	108-86-1	< 0.00058		< 0.0005	< 0.00054					
Bromochloromethane	74-97-5	< 0.00061		< 0.00052	< 0.00057					
Bromodichloromethane	75-27-4	< 0.00078		< 0.00066	< 0.00072		< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.00097		< 0.00083	< 0.0009		< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.0013		< 0.0011	< 0.0012		< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8	< 0.00073		< 0.00062	< 0.00068					
Butylbenzene, sec-	135-98-8	< 0.00081		< 0.00069	< 0.00075					
Butylbenzene, tert-	98-06-6	< 0.0011		< 0.00093	< 0.001					
Carbon Disulfide	75-15-0	< 0.00059		< 0.0005	< 0.00055		< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.00068		< 0.00058	< 0.00063		< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.00059		< 0.00051	< 0.00055		< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.00096		< 0.00082	< 0.00089		< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.00064		< 0.00054	< 0.00059		< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.0012		< 0.001	< 0.0011		< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7	< 0.044		< 0.043	< 0.043					
Chlorophenol, 2-	95-57-8	< 0.056		< 0.055	< 0.056					
Chlorotoluene, o-	95-49-8	< 0.00089		< 0.00076	< 0.00082					
Chlorotoluene, p-	106-43-4	< 0.0011		< 0.00097	< 0.0011					
cis-1,3-Dichloropropene	10061-01-5	< 0.00056		< 0.00048	< 0.00052		< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7	< 0.044		< 0.043	< 0.044					
Dibromo-3-chloropropane, 1,2-	96-12-8	< 0.0028		< 0.0024	< 0.0026					
Dibromochloromethane	124-48-1	< 0.00057		< 0.00049	< 0.00053		< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4	< 0.001		< 0.00089	< 0.00097					
Dibromomethane (Methylene Bromide)	74-95-3	< 0.00098		< 0.00084	< 0.00091					
Dichlorobenzene, 1,2-	95-50-1	< 0.00075		< 0.00064	< 0.0007		< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.00075		< 0.00064	< 0.0007		< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.00073		< 0.00063	< 0.00068		< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8	< 0.0012		< 0.0011	< 0.0012					
Dichloroethane, 1,1-	75-34-3	< 0.00095		< 0.00081	< 0.00089		< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.0007		< 0.0006	< 0.00065		< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.00081		< 0.00069	< 0.00075		< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0						< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2	< 0.0011		< 0.00091	< 0.00099					
Dichloroethylene, 1,2-trans-	156-60-5	< 0.00082		< 0.00071	< 0.00077					
Dichloropropane, 1,2-	78-87-5	< 0.00084		< 0.00072	< 0.00078		< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9	< 0.00074		< 0.00063	< 0.00069					
Dichloropropane, 2,2-	594-20-7	< 0.00061		< 0.00052	< 0.00057					
Dichloropropene, 1,1-	563-58-6	< 0.00069		< 0.00059	< 0.00064					
Dichloropropene, trans-1,3-	10061-02-6	< 0.00066		< 0.00056	< 0.00061		< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	0.0079		< 0.00081	< 0.00088		< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3	< 0.0012		< 0.001	< 0.0011					

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT5	GS10-DPT6	GS10-DPT6	IPV91BH01	IPV91BH02	IPV91BH04	IPV91BH04
		12/8/2010	12/8/2010	12/10/2010	12/9/2010	12/9/2010	11/15/1991	11/15/1991	11/14/1991	11/14/1991
		GS10-DPT1S-101208-04	GSDPT1S-1012-98	GS10-DPT5S-101210-02	GS10-DPT6S-101209-02	GSDPT6S-1012-99	BHIPV0019111-01-05	BHIPV0029111-02-05	BHIPV1399111-04-05	BHIPV1399111-04-10
Hexanone, 2-	591-78-6	< 0.0069		< 0.0059	< 0.0064		< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8	< 0.00073		< 0.00063	< 0.00068					
Isopropyltoluene, p-	99-87-6	< 0.00095		< 0.00081	< 0.00088					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.0061		< 0.0052	< 0.0056		< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.0058		< 0.005	< 0.0054		< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.00025		< 0.0021	< 0.0023		< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3	< 0.00091		< 0.00078	< 0.00085					
Nitrobenzene	98-95-3	< 0.032		< 0.032	< 0.032					
Propylbenzene, n-	103-65-1	< 0.00077		< 0.00066	< 0.00072					
Styrene	100-42-5	< 0.00081		< 0.00069	< 0.00076		< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.00044		< 0.00038	< 0.00041					
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.0014		< 0.0012	< 0.0013		< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.00081		< 0.00069	< 0.00075		< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.001		< 0.00085	< 0.00093		< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6	< 0.0011		< 0.00093	< 0.001					
Trichlorobenzene, 1,2,4-	120-82-1	< 0.0011		< 0.00093	< 0.001					
Trichloroethane, 1,1,1-	71-55-6	< 0.00073		< 0.00062	< 0.00068		< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.002		< 0.0017	< 0.0019		< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.0018		< 0.0015	< 0.0017		< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.00073		< 0.00063	< 0.00068		< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4	< 0.0018		< 0.0015	< 0.0017					
Trichlorotrifluoroethane, 1,1,2-							< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6	< 0.00089		< 0.00076	< 0.00083					
Trimethylbenzene, 1,3,5-	108-67-8	< 0.001		< 0.00088	< 0.00096					
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.0011		< 0.00092	< 0.001		< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6	0.012		< 0.00057	< 0.00062					
Xylenes	1330-20-7	0.0479		< 0.0019	< 0.002		< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p		0.0359		< 0.0013	< 0.0014					
SVOCs										
Acenaphthene	83-32-9	< 0.0013		< 0.0013	0.002 J					
Acenaphthylene	208-96-8									
Aniline	62-53-3	< 0.22		< 0.21	< 0.22					
Anthracene	120-12-7	0.0034 J		< 0.0015	0.0072 J					
Benzidine	92-87-5	< 0.36		< 0.35	< 0.36					
Benzo[a]anthracene	56-55-3	0.0443		< 0.0012	0.0578					
Benzo[a]pyrene	50-32-8	0.0494		< 0.0042	0.0582					
Benzo[b]fluoranthene	205-99-2	0.0771		< 0.0041	0.0869					
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9	0.0192		< 0.0051	0.0207					
Benzoic Acid	65-85-0	< 0.075		< 0.073	< 0.075					
Benzyl Alcohol	100-51-6	< 0.055		< 0.054	< 0.055					
Bis(2-chloroethoxy)methane	111-91-1	< 0.042		< 0.041	< 0.042					
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.065		< 0.064	< 0.065					

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT5	GS10-DPT6	GS10-DPT6	IPV91BH01	IPV91BH02	IPV91BH04	IPV91BH04
		12/8/2010	12/8/2010	12/10/2010	12/9/2010	12/9/2010	11/15/1991	11/15/1991	11/14/1991	11/14/1991
		GS10-DPT1S-101208-04	GSDPT1S-1012-98	GS10-DPT5S-101210-02	GS10-DPT6S-101209-02	GSDPT6S-1012-99	BHIPV0019111-01-05	BHIPV0029111-02-05	BHIPV1399111-04-05	BHIPV1399111-04-10
Bis(2-ethylhexyl)phthalate	117-81-7	0.145 J		< 0.083	< 0.084					
Bromophenyl phenyl ether, 4-	101-55-3	< 0.054		< 0.053	< 0.054					
Butyl Benzyl Phthlate	85-68-7	< 0.054		< 0.053	< 0.054					
Carbazole	86-74-8	< 0.037		< 0.036	< 0.037					
Chloroaniline, p-	106-47-8	< 0.14		< 0.14	< 0.14					
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.056		< 0.055	< 0.056					
Chrysene	218-01-9	0.0566		< 0.0019	0.0647					
Cresol, 3&4-		< 0.11		< 0.11	< 0.11					
Cresol, o-	95-48-7	< 0.038		< 0.037	< 0.038					
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3	< 0.0077		< 0.0075	< 0.0077					
Dibenzofuran	132-64-9	< 0.052		< 0.051	< 0.052					
Dibutyl Phthalate	84-74-2	< 0.054		< 0.053	< 0.054					
Dichlorobenzidine, 3,3'-	91-94-1	< 0.087		< 0.085	< 0.086					
Dichlorophenol, 2,4-	120-83-2	< 0.048		< 0.047	< 0.048					
Diethyl Phthalate	84-66-2	< 0.05		< 0.048	< 0.049					
Dimethyl phthalate	131-11-3	< 0.058		< 0.056	< 0.057					
Dimethylphenol, 2,4-	105-67-9	< 0.036		< 0.035	< 0.036					
Dinitro-o-cresol, 4,6-	534-52-1	< 0.08		< 0.078	< 0.08					
Dinitrophenol, 2,4-	51-28-5	< 0.5		< 0.49	< 0.5					
Dinitrotoluene, 2,4-	121-14-2	< 0.044		< 0.043	< 0.043					
Dinitrotoluene, 2,6-	606-20-2	< 0.054		< 0.052	< 0.053					
Di-n-octylphthalate		< 0.047		< 0.046	< 0.047					
Diphenylhydrazine, 1,2-	122-66-7	< 0.052		< 0.051	< 0.052					
Fluoranthene	206-44-0	0.0734		< 0.0017	0.0778					
Fluorene	86-73-7	< 0.0028		< 0.0028	< 0.0028					
Hexachlorobenzene	118-74-1	< 0.058		< 0.057	< 0.058					
Hexachlorocyclopentadiene	77-47-4	< 0.33		< 0.32	< 0.33					
Hexachloroethane	67-72-1	< 0.052		< 0.051	< 0.052					
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1	< 0.043		< 0.042	< 0.043					
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4	< 0.075		< 0.073	< 0.075					
Nitroaniline, 3-	99-09-2	< 0.08		< 0.078	< 0.08					
Nitroaniline, 4-	100-01-6	< 0.11		< 0.1	< 0.11					
Nitrophenol, 2-	88-75-5	< 0.046		< 0.045	< 0.046					
Nitrophenol, 4-	100-02-7	< 0.5		< 0.48	< 0.49					
Nitrosodimethylamine, N-	62-75-9	< 0.044		< 0.043	< 0.043					
Nitroso-di-N-propylamine, N-	621-64-7	< 0.05		< 0.048	< 0.049					
Nitrosodiphenylamine, N-	86-30-6	< 0.05		< 0.049	< 0.05					
Pentachlorophenol	87-86-5	< 0.081		< 0.079	< 0.081					
Phenanthrene	85-01-8									
Phenol	108-95-2	< 0.035		< 0.035	< 0.035					
Pyrene	129-00-0	0.0122		< 0.0027	0.0963					
Pyridine	110-86-1	< 0.034		< 0.034	< 0.034					
Trichlorophenol, 2,4,5-	95-95-4	< 0.052		< 0.05	< 0.051					

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT5	GS10-DPT6	GS10-DPT6	IPV91BH01	IPV91BH02	IPV91BH04	IPV91BH04
		12/8/2010	12/8/2010	12/10/2010	12/9/2010	12/9/2010	11/15/1991	11/15/1991	11/14/1991	11/14/1991
		GS10-DPT1S-101208-04	GSDPT1S-1012-98	GS10-DPT5S-101210-02	GS10-DPT6S-101209-02	GSDPT6S-1012-99	BHIPV0019111-01-05	BHIPV0029111-02-05	BHIPV1399111-04-05	BHIPV1399111-04-10
Trichlorophenol, 2,4,6-	88-06-2	< 0.062		< 0.061	< 0.062					
Metals and Inorganics										
Aluminum	7429-90-5						17900	20800	26300	23700
Antimony	7440-36-0						< 0.5	< 0.5	0.66	< 0.5
Arsenic	7440-38-2	7.1		7.8	2.1		31	6.4	< 3	4.7
Barium	7440-39-3	139		128	81.3		151	169	157	162
Beryllium	7440-41-7						0.55	0.75	0.75	0.8
Cadmium	7440-43-9	0.094 J		< 0.019	0.23 J		< 0.05	< 0.05	< 0.05	< 0.05
Calcium	7440-70-2						36000	2980	20700	3290
Chromium, Total	7440-47-3	15.4		19.5	9.3		36.9	23.6	25.1	22.9
Cobalt	7440-48-4						13.2	9.9	6.85	8.25
Copper	7440-50-8						44.5	18.5	15.1	17.1
Cyanide	57-12-5									
Iron	7439-89-6						11700	18700	17400	19700
Lead	7439-92-1	17.3		18.3	23.6		225.5	17.5	19	17.5
Magnesium	7439-95-4						2710	2620	3100	2850
Manganese	7439-96-5						300	737	406	629
Mercury	7439-97-6	0.008 J		< 0.0074	0.019		< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0						24.5	21.1	16.9	19.3
Potassium	7440-09-7						3130	2580	4090	2780
Selenium	7782-49-2	< 0.18		< 0.19	< 0.18		< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 0.073		0.15 J	< 0.075		2.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5						400	509	208	151
Thallium (Soluble Salts)	7440-28-0						< 5	< 5	< 5	< 5
Vanadium	NA						41	40.8	41.8	37.5
Zinc	7440-66-6						120	60.5	55	74.9
PCBs and Dioxins										
Aroclor 1016	12674-11-2						< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2						< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5						< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9						< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6						< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1						< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5						< 1	< 1	< 1	< 1
PCB-001			< 1.8E-06			< 1.9E-05				
PCB-002			< 1.8E-06			< 1.9E-05				
PCB-003			< 1.8E-06			< 1.9E-05				
PCB-004			2E-06			< 1.9E-05				
PCB-005			< 1.8E-06			< 1.9E-05				
PCB-006			< 1.8E-06			< 1.9E-05				
PCB-007			< 1.8E-06			< 1.9E-05				
PCB-008			6.8E-06 B			< 1.9E-05				
PCB-009			< 1.8E-06			< 1.9E-05				
PCB-010			< 1.8E-06			< 1.9E-05				
PCB-011			< 9.2E-05			< 0.00096				

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT5	GS10-DPT6	GS10-DPT6	IPV91BH01	IPV91BH02	IPV91BH04	IPV91BH04
		12/8/2010	12/8/2010	12/10/2010	12/9/2010	12/9/2010	11/15/1991	11/15/1991	11/14/1991	11/14/1991
		GS10-DPT1S-101208-04	GSDPT1S-1012-98	GS10-DPT5S-101210-02	GS10-DPT6S-101209-02	GSDPT6S-1012-99	BHIPV0019111-01-05	BHIPV0029111-02-05	BHIPV1399111-04-05	BHIPV1399111-04-10
PCB-012			< 3.7E-06			< 3.8E-05				
PCB-013			< 3.7E-06			< 3.8E-05				
PCB-014			< 1.8E-06			< 1.9E-05				
PCB-015			< 9.2E-06			< 9.6E-05				
PCB-016			2.3E-06			< 1.9E-05				
PCB-017			2.1E-06			< 1.9E-05				
PCB-018			4.4E-06 C			< 3.8E-05				
PCB-019			< 1.8E-06			< 1.9E-05				
PCB-020			< 1.8E-05			< 0.00019				
PCB-021			< 1.8E-05			< 0.00019				
PCB-022			< 9.2E-06			< 9.6E-05				
PCB-023			< 1.8E-06			< 1.9E-05				
PCB-024			< 1.8E-06			< 1.9E-05				
PCB-025			< 1.8E-06			< 1.9E-05				
PCB-026			< 3.7E-06			< 3.8E-05				
PCB-027			< 1.8E-06			< 1.9E-05				
PCB-028			< 3.7E-06			< 3.8E-05				
PCB-029			< 3.7E-06			< 3.8E-05				
PCB-030			4.4E-06 C18			< 3.8E-05				
PCB-031			9.7E-06			< 9.6E-05				
PCB-032			< 1.8E-06			< 1.9E-05				
PCB-033			< 3.7E-06			< 3.8E-05				
PCB-034			< 1.8E-06			< 1.9E-05				
PCB-035			< 1.8E-06			< 1.9E-05				
PCB-036			< 1.8E-06			< 1.9E-05				
PCB-037			< 9.2E-06			< 9.6E-05				
PCB-038			< 1.8E-06			< 1.9E-05				
PCB-039			< 1.8E-06			< 1.9E-05				
PCB-040			3.2E-06 C			3.2E-05 C				
PCB-041			< 9.2E-05			< 0.00096				
PCB-042			< 1.8E-06			2E-05				
PCB-043			< 1.8E-06			< 1.9E-05				
PCB-044			1.6E-05 C			8.6E-05 C				
PCB-045			< 3.7E-06			< 3.8E-05				
PCB-046			< 1.8E-06			< 1.9E-05				
PCB-047			1.6E-05 C44			8.6E-05 C44				
PCB-048			< 1.8E-06			< 1.9E-05				
PCB-049			< 3.7E-06			4.5E-05 C				
PCB-050			< 3.7E-06			< 3.8E-05				
PCB-051			< 3.7E-06			< 3.8E-05				
PCB-052			9.9E-06			0.00011				
PCB-053			< 3.7E-06			< 3.8E-05				
PCB-054			< 1.8E-06			< 1.9E-05				
PCB-055			< 1.8E-06			< 1.9E-05				
PCB-056			7.1E-06			6.3E-05				
PCB-057			< 1.8E-06			< 1.9E-05				

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT5	GS10-DPT6	GS10-DPT6	IPV91BH01	IPV91BH02	IPV91BH04	IPV91BH04
		12/8/2010	12/8/2010	12/10/2010	12/9/2010	12/9/2010	11/15/1991	11/15/1991	11/14/1991	11/14/1991
		GS10-DPT1S-101208-04	GSDPT1S-1012-98	GS10-DPT5S-101210-02	GS10-DPT6S-101209-02	GSDPT6S-1012-99	BHIPV0019111-01-05	BHIPV0029111-02-05	BHIPV1399111-04-05	BHIPV1399111-04-10
PCB-058			< 1.8E-06			< 1.9E-05				
PCB-059			< 5.5E-06			< 5.8E-05				
PCB-060			3.8E-06			3.4E-05				
PCB-061			1.9E-05 C			0.00018 C				
PCB-062			< 5.5E-06			< 5.8E-05				
PCB-063			< 1.8E-06			< 1.9E-05				
PCB-064			3.2E-06			7.1E-05				
PCB-065			1.6E-05 C44			8.6E-05 C44				
PCB-066			1.3E-05			0.00013				
PCB-067			< 1.8E-06			< 1.9E-05				
PCB-068			< 1.8E-06			< 1.9E-05				
PCB-069			< 3.7E-06			4.5E-05 C49				
PCB-070			1.9E-05 C61			0.00018 C61				
PCB-071			3.2E-06 C40			3.2E-05 C40				
PCB-072			< 1.8E-06			< 1.9E-05				
PCB-073			< 1.8E-06			< 1.9E-05				
PCB-074			1.9E-05 C61			0.00018 C61				
PCB-075			< 5.5E-06			< 5.8E-05				
PCB-076			1.9E-05 C61			0.00018 C61				
PCB-077	32598-13-3		5.7E-06			4.1E-05				
PCB-078			< 1.8E-06			< 1.9E-05				
PCB-079			2.6E-06			< 1.9E-05				
PCB-080			2.7E-06			< 1.9E-05				
PCB-081	70362-50-4		< 1.8E-06			< 1.9E-05				
PCB-082			4.4E-06			6E-05				
PCB-083			2.8E-05			3.8E-05				
PCB-084			8.5E-06			8.7E-05				
PCB-085			1.1E-05 C			0.00014 C				
PCB-086			6.2E-05 C			0.00031 C				
PCB-087			6.2E-05 C86			0.00031 C86				
PCB-088			6.5E-06 C			7.1E-05 C				
PCB-089			< 1.8E-06			< 1.9E-05				
PCB-090			0.00043 C			0.00074 C				
PCB-091			6.5E-06 C88			7.1E-05 C88				
PCB-092			0.0001			0.0002				
PCB-093			< 3.7E-06			< 3.8E-05				
PCB-094			< 1.8E-06			< 1.9E-05				
PCB-095			0.00018			0.00065				
PCB-096			< 1.8E-06			< 1.9E-05				
PCB-097			6.2E-05 C86			0.00031 C86				
PCB-098			< 3.7E-06			< 3.8E-05				
PCB-099			2.3E-05			0.00024				
PCB-100			< 3.7E-06			< 3.8E-05				
PCB-101			0.00043 C90			0.00074 C90				
PCB-102			< 3.7E-06			< 3.8E-05				
PCB-103			< 1.8E-06			< 1.9E-05				

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT5	GS10-DPT6	GS10-DPT6	IPV91BH01	IPV91BH02	IPV91BH04	IPV91BH04
		12/8/2010	12/8/2010	12/10/2010	12/9/2010	12/9/2010	11/15/1991	11/15/1991	11/14/1991	11/14/1991
		GS10-DPT1S-101208-04	GSDPT1S-1012-98	GS10-DPT5S-101210-02	GS10-DPT6S-101209-02	GSDPT6S-1012-99	BHIPV0019111-01-05	BHIPV0029111-02-05	BHIPV1399111-04-05	BHIPV1399111-04-10
PCB-104			< 1.8E-06			< 1.9E-05				
PCB-105	32598-14-4		4.9E-05			0.00025				
PCB-106			< 1.8E-06			< 1.9E-05				
PCB-107			2E-05			5.7E-05				
PCB-108			8.9E-06 C			< 3.8E-05				
PCB-109			6.2E-05 C86			0.00031 C86				
PCB-110			0.00083 C			0.00156 C				
PCB-111			< 1.8E-06			< 1.9E-05				
PCB-112			< 1.8E-06			< 1.9E-05				
PCB-113			0.00043 C90			0.00074 C90				
PCB-114	74472-37-0		< 1.8E-06			< 1.9E-05				
PCB-115			0.00083 C11			0.00156 C11				
PCB-116			1.1E-05 C85			0.00014 C85				
PCB-117			1.1E-05 C85			0.00014 C85				
PCB-118	31508-00-6		0.00032			0.00053				
PCB-119			6.2E-05 C86			0.00031 C86				
PCB-120			4.1E-06			< 1.9E-05				
PCB-121			< 1.8E-06			< 1.9E-05				
PCB-122			< 1.8E-06			< 1.9E-05				
PCB-123	65510-44-3		1.9E-06			< 1.9E-05				
PCB-124			8.9E-06 C10			< 3.8E-05				
PCB-125			6.2E-05 C86			0.00031 C86				
PCB-126	57465-28-8		1.3E-05			< 1.9E-05				
PCB-127			1.7E-05			< 1.9E-05				
PCB-128			0.0006 C			0.0006 C				
PCB-129			0.0115 CE			0.00886 C				
PCB-130			0.00036			0.00034				
PCB-131			2.1E-05			3.6E-05				
PCB-132			0.00219			0.00188				
PCB-133			0.00013			0.0001				
PCB-134			0.00034			0.00025				
PCB-135			0.00454 C			0.00303 C				
PCB-136			0.001			0.00074				
PCB-137			4.3E-05			0.0001				
PCB-138			0.0115 C12			0.00886 C12				
PCB-139			3E-05 C			4.3E-05 C				
PCB-140			3E-05 C13			4.3E-05 C13				
PCB-141			0.00283			0.0017				
PCB-142			< 1.8E-06			< 1.9E-05				
PCB-143			< 1.8E-06			< 1.9E-05				
PCB-144			0.00033			0.00024				
PCB-145			< 1.8E-06			< 1.9E-05				
PCB-146			0.00171			0.00129				
PCB-147			0.00844 CE			0.00623 C				
PCB-148			5.4E-06			< 1.9E-05				
PCB-149			0.00844 C14			0.00623 C14				

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT5	GS10-DPT6	GS10-DPT6	IPV91BH01	IPV91BH02	IPV91BH04	IPV91BH04
		12/8/2010	12/8/2010	12/10/2010	12/9/2010	12/9/2010	11/15/1991	11/15/1991	11/14/1991	11/14/1991
		GS10-DPT1S-101208-04	GSDPT1S-1012-98	GS10-DPT5S-101210-02	GS10-DPT6S-101209-02	GSDPT6S-1012-99	BHIPV0019111-01-05	BHIPV0029111-02-05	BHIPV1399111-04-05	BHIPV1399111-04-10
PCB-150			5.6E-06			< 1.9E-05				
PCB-151			0.00454 C13			0.00303 C13				
PCB-152			< 1.8E-06			< 1.9E-05				
PCB-153			0.00963 CE			0.00703 C				
PCB-154			3.3E-05			4.1E-05				
PCB-155			< 1.8E-06			< 1.9E-05				
PCB-156			0.00051 C			0.00045 C				
PCB-157	69782-90-7		0.00051 C15			0.00045 C15				
PCB-158			0.0009			0.00066				
PCB-159			0.00028			0.00014				
PCB-160			< 1.8E-06			< 1.9E-05				
PCB-161			< 1.8E-06			< 1.9E-05				
PCB-162			0.00019			9.7E-05				
PCB-163			0.0115 C12			0.00886 C12				
PCB-164			0.00085			0.00062				
PCB-165			< 1.8E-06			< 1.9E-05				
PCB-166			0.0006 C12			0.0006 C12				
PCB-167	52663-72-6		0.00029			0.00021				
PCB-168			0.00963 C15			0.00703 C15				
PCB-169	32774-16-6		< 1.8E-06			< 1.9E-05				
PCB-170			0.00615 E			0.00316				
PCB-171			0.00188 C			0.00104 C				
PCB-172			0.00111			0.00062				
PCB-173			0.00188 C17			0.00104 C17				
PCB-174			0.00681 E			0.00356				
PCB-175			0.00028			0.00013				
PCB-176			0.0008			0.00041				
PCB-177			0.00423 E			0.00226				
PCB-178			0.00145			0.00079				
PCB-179			0.00295			0.00152				
PCB-180			0.0132 CE			0.00765 C				
PCB-181			9.1E-06			< 1.9E-05				
PCB-182			7.5E-06			< 1.9E-05				
PCB-183			0.00444 C			0.00228 C				
PCB-184			2.7E-06			< 1.9E-05				
PCB-185			0.00444 C18			0.00228 C18				
PCB-186			< 1.8E-06			< 1.9E-05				
PCB-187			0.00787 E			0.00432				
PCB-188			7.7E-06			< 1.9E-05				
PCB-189	39635-31-9		0.00019			0.00011				
PCB-190			0.00126			0.00066				
PCB-191			0.00024			0.00012				
PCB-192			< 1.8E-06			< 1.9E-05				
PCB-193			0.0132 C18			0.00765 C18				
PCB-194			0.00255			0.00141				
PCB-195			0.00133			0.00068				

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	GS10-DPT1	GS10-DPT1	GS10-DPT5	GS10-DPT6	GS10-DPT6	IPV91BH01	IPV91BH02	IPV91BH04	IPV91BH04
		12/8/2010	12/8/2010	12/10/2010	12/9/2010	12/9/2010	11/15/1991	11/15/1991	11/14/1991	11/14/1991
		GS10-DPT1S-101208-04	GSDPT1S-1012-98	GS10-DPT5S-101210-02	GS10-DPT6S-101209-02	GSDPT6S-1012-99	BHIPV0019111-01-05	BHIPV0029111-02-05	BHIPV1399111-04-05	BHIPV1399111-04-10
PCB-196			0.00159			0.00085				
PCB-197			0.0005 C			0.00027 C				
PCB-198			0.00316 C			0.00164 C				
PCB-199			0.00316 C19			0.00164 C19				
PCB-200			0.0005 C19			0.00027 C19				
PCB-201			0.00039			0.00022				
PCB-202			0.00051			0.00028				
PCB-203			0.00179			0.00098				
PCB-204			< 1.8E-06			< 1.9E-05				
PCB-205			0.00015			7.8E-05				
PCB-206			0.00048			0.00037				
PCB-207			0.00006			7.7E-05				
PCB-208			8.3E-05			0.00013				
PCB-209			2.2E-05			0.00025				
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics		0.09 J		< 0.2	< 0.2					
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)							< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	IPV91BH05	IPV91BH05	KC90-132	KC90-132	KC90-132	KC91-149	KC91-150	KC91-152	KC91-153
		11/14/1991	11/14/1991	2/22/1990	2/22/1990	2/22/1990	7/24/1991	7/25/1991	7/28/1991	7/30/1991
		BHIPV1419111-05-05	BHIPV1419111-05-10	KC90-132S-900222-03	KC90-132S-900222-08	KC90-132S-900222-13	KC91-149S-910724-14	KC91-150S-910725-14	KC91-152S-910728-14	KC91-153S-910730-15
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.006	0.029 B	< 0.013	0.013 B
Benzene	71-43-2	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Bromoform	75-25-2	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.013	< 0.013	< 0.013	< 0.013
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.013	< 0.013	< 0.013	< 0.013
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.013	< 0.013	< 0.013	< 0.013
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005							
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005							
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005							
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	0.003 J	< 0.006	< 0.006	< 0.006
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	IPV91BH05	IPV91BH05	KC90-132	KC90-132	KC90-132	KC91-149	KC91-150	KC91-152	KC91-153
		11/14/1991	11/14/1991	2/22/1990	2/22/1990	2/22/1990	7/24/1991	7/25/1991	7/28/1991	7/30/1991
		BHIPV1419111-05-05	BHIPV1419111-05-10	KC90-132S-900222-03	KC90-132S-900222-08	KC90-132S-900222-13	KC91-149S-910724-14	KC91-150S-910725-14	KC91-152S-910728-14	KC91-153S-910730-15
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.013	< 0.013	< 0.013	< 0.013
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.013	< 0.013	< 0.013	< 0.013
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.013	< 0.013	< 0.013	< 0.013
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	0.012	0.011 B	0.021 B	0.034 B
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Toluene	108-88-3	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	0.003 J	< 0.006	< 0.006
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	0.005 J	< 0.006
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	< 0.006
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	0.003 J	< 0.006	< 0.006
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01				0.00447 J			
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005				
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4			< 0.005	< 0.005	< 0.005	< 0.013	< 0.013	< 0.013	< 0.013
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.013	< 0.013	< 0.013	< 0.013
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.006	< 0.006	< 0.006	0.002 J
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	IPV91BH05	IPV91BH05	KC90-132	KC90-132	KC90-132	KC91-149	KC91-150	KC91-152	KC91-153
		11/14/1991	11/14/1991	2/22/1990	2/22/1990	2/22/1990	7/24/1991	7/25/1991	7/28/1991	7/30/1991
		BHIPV1419111-05-05	BHIPV1419111-05-10	KC90-132S-900222-03	KC90-132S-900222-08	KC90-132S-900222-13	KC91-149S-910724-14	KC91-150S-910725-14	KC91-152S-910728-14	KC91-153S-910730-15
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	IPV91BH05	IPV91BH05	KC90-132	KC90-132	KC90-132	KC91-149	KC91-150	KC91-152	KC91-153
		11/14/1991	11/14/1991	2/22/1990	2/22/1990	2/22/1990	7/24/1991	7/25/1991	7/28/1991	7/30/1991
		BHIPV1419111-05-05	BHIPV1419111-05-10	KC90-132S-900222-03	KC90-132S-900222-08	KC90-132S-900222-13	KC91-149S-910724-14	KC91-150S-910725-14	KC91-152S-910728-14	KC91-153S-910730-15
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	22500	24500				10400 *	8900 *	11800 *	9160 *
Antimony	7440-36-0	< 0.5	< 0.5				< 3.9	< 4	< 3.9	< 3.9
Arsenic	7440-38-2	23.1	4.35				5.6 S	5.9 S	4.4	5.8 S
Barium	7440-39-3	157	302				249 N	95.7 N	137 N	199 N
Beryllium	7440-41-7	0.65	0.8				0.73	0.66 B	0.58 B	0.71
Cadmium	7440-43-9	< 0.05	< 0.05				< 0.65	< 0.67	< 0.65	0.74
Calcium	7440-70-2	15100	3090				4540 E	4170 E	4050	3650
Chromium, Total	7440-47-3	23.2	24.9				13.5	12.7 *	14 *	11.9 *
Cobalt	7440-48-4	4.65	4.2				11	4.4 B	4.5 B	14.5
Copper	7440-50-8	10.7	14				29.1	26.3	17	16
Cyanide	57-12-5									
Iron	7439-89-6	12100	18700				18300	17800	18400	17200 E
Lead	7439-92-1	18	12.5				9.3 N*	7.9 N*	9.7 N*	13.8 WN*
Magnesium	7439-95-4	2330	3170				2710 *	2240 *	2750 *	2320 *
Manganese	7439-96-5	304	211				1610	257	178	1130 E
Mercury	7439-97-6	< 0.5	< 0.5				< 0.03	0.05	< 0.03	0.03
Nickel	7440-02-0	12.9	15.5				19	15.3	13.2	18.9
Potassium	7440-09-7	3990	3260				1600	1290	1780	1600
Selenium	7782-49-2	< 0.25	< 0.25				< 0.26	< 0.27	< 0.52	< 0.52
Silver	7440-22-4	< 1.5	< 1.5				< 0.65	< 0.67	< 0.65	< 0.65
Sodium	7440-23-5	181	131				137 B	124 B	93.2 B	172 B
Thallium (Soluble Salts)	7440-28-0	< 5	< 5				< 0.26	< 0.27	< 0.26	< 0.26
Vanadium	NA	40.9	39.9				20	24.7	16.4	21.3
Zinc	7440-66-6	46.9	57.9				72.3 EN*	186 EN*	50.6 EN*	48.9 N*
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 0.1	< 0.11	< 0.1	< 0.1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 0.1	< 0.11	< 0.1	< 0.1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 0.1	< 0.11	< 0.1	< 0.1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 0.1	< 0.11	< 0.1	< 0.1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 0.1	< 0.11	< 0.1	< 0.1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 0.21	< 0.22	< 0.21	< 0.21
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 0.21	< 0.22	< 0.21	< 0.21
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	IPV91BH05	IPV91BH05	KC90-132	KC90-132	KC90-132	KC91-149	KC91-150	KC91-152	KC91-153
		11/14/1991	11/14/1991	2/22/1990	2/22/1990	2/22/1990	7/24/1991	7/25/1991	7/28/1991	7/30/1991
		BHIPV1419111-05-05	BHIPV1419111-05-10	KC90-132S-900222-03	KC90-132S-900222-08	KC90-132S-900222-13	KC91-149S-910724-14	KC91-150S-910725-14	KC91-152S-910728-14	KC91-153S-910730-15
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	IPV91BH05	IPV91BH05	KC90-132	KC90-132	KC90-132	KC91-149	KC91-150	KC91-152	KC91-153
		11/14/1991	11/14/1991	2/22/1990	2/22/1990	2/22/1990	7/24/1991	7/25/1991	7/28/1991	7/30/1991
		BHIPV1419111-05-05	BHIPV1419111-05-10	KC90-132S-900222-03	KC90-132S-900222-08	KC90-132S-900222-13	KC91-149S-910724-14	KC91-150S-910725-14	KC91-152S-910728-14	KC91-153S-910730-15
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	IPV91BH05	IPV91BH05	KC90-132	KC90-132	KC90-132	KC91-149	KC91-150	KC91-152	KC91-153
		11/14/1991	11/14/1991	2/22/1990	2/22/1990	2/22/1990	7/24/1991	7/25/1991	7/28/1991	7/30/1991
		BHIPV1419111-05-05	BHIPV1419111-05-10	KC90-132S-900222-03	KC90-132S-900222-08	KC90-132S-900222-13	KC91-149S-910724-14	KC91-150S-910725-14	KC91-152S-910728-14	KC91-153S-910730-15
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	IPV91BH05	IPV91BH05	KC90-132	KC90-132	KC90-132	KC91-149	KC91-150	KC91-152	KC91-153
		11/14/1991	11/14/1991	2/22/1990	2/22/1990	2/22/1990	7/24/1991	7/25/1991	7/28/1991	7/30/1991
		BHIPV1419111-05-05	BHIPV1419111-05-10	KC90-132S-900222-03	KC90-132S-900222-08	KC90-132S-900222-13	KC91-149S-910724-14	KC91-150S-910725-14	KC91-152S-910728-14	KC91-153S-910730-15
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	IPV91BH05	IPV91BH05	KC90-132	KC90-132	KC90-132	KC91-149	KC91-150	KC91-152	KC91-153
		11/14/1991	11/14/1991	2/22/1990	2/22/1990	2/22/1990	7/24/1991	7/25/1991	7/28/1991	7/30/1991
		BHIPV1419111-05-05	BHIPV1419111-05-10	KC90-132S-900222-03	KC90-132S-900222-08	KC90-132S-900222-13	KC91-149S-910724-14	KC91-150S-910725-14	KC91-152S-910728-14	KC91-153S-910730-15
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 2	< 2	< 2				
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-154	KC91-155	KC91-156	KC91-157	KC91-158	KC91-159	KC91-160	KC91-161	KC91-162
		8/1/1991	8/1/1991	8/10/1991	8/11/1991	8/12/1991	8/13/1991	8/14/1991	8/14/1991	8/23/1991
		KC91-154S-910801-15	KC91-155S-910801-15	KC91-156S-910810-13	KC91-157S-910811-14	KC91-158S-910812-14	KC91-159S-910813-14	KC91-160S-910814-15	KC91-161S-910813-15	KC91-162S-910823-14
VOCs										
Acetone	67-64-1	0.16 B	0.019 B	0.015	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	0.13
Benzene	71-43-2	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Bromoform	75-25-2	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Bromomethane	74-83-9	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Carbon Tetrachloride	56-23-5	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Chlorobenzene	108-90-7	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	0.003 J
Chloroethane	75-00-3	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Chloromethane	74-87-3	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Dichloroethane, 1,2-	107-06-2	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Dichloroethene, 1,1-	75-35-4	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Dichloroethene, 1,2- (Total)	540-59-0	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	0.002 J	0.068	0.004 J	< 0.006
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Ethylbenzene	100-41-4	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-154	KC91-155	KC91-156	KC91-157	KC91-158	KC91-159	KC91-160	KC91-161	KC91-162
		8/1/1991	8/1/1991	8/10/1991	8/11/1991	8/12/1991	8/13/1991	8/14/1991	8/14/1991	8/23/1991
		KC91-154S-910801-15	KC91-155S-910801-15	KC91-156S-910810-13	KC91-157S-910811-14	KC91-158S-910812-14	KC91-159S-910813-14	KC91-160S-910814-15	KC91-161S-910813-15	KC91-162S-910823-14
Hexanone, 2-	591-78-6	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	0.009 B	0.007	0.011	0.007	0.003 J	0.003 J	0.005 J	0.004 J	0.005 J
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Tetrachloroethene	127-18-4	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Toluene	108-88-3	0.008	0.005 J	0.002 J	< 0.007	< 0.006	< 0.006	0.002 J	< 0.006	0.005 J
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Trichloroethane, 1,1,2-	79-00-5	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Trichloroethene	79-01-6	< 0.007	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	0.014	< 0.006	< 0.006
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Vinyl Chloride	75-01-4	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Xylene, o-	95-47-6									
Xylenes	1330-20-7	0.004 J	< 0.007	< 0.006	< 0.007	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-154	KC91-155	KC91-156	KC91-157	KC91-158	KC91-159	KC91-160	KC91-161	KC91-162
		8/1/1991	8/1/1991	8/10/1991	8/11/1991	8/12/1991	8/13/1991	8/14/1991	8/14/1991	8/23/1991
		KC91-154S-910801-15	KC91-155S-910801-15	KC91-156S-910810-13	KC91-157S-910811-14	KC91-158S-910812-14	KC91-159S-910813-14	KC91-160S-910814-15	KC91-161S-910813-15	KC91-162S-910823-14
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-154	KC91-155	KC91-156	KC91-157	KC91-158	KC91-159	KC91-160	KC91-161	KC91-162
		8/1/1991	8/1/1991	8/10/1991	8/11/1991	8/12/1991	8/13/1991	8/14/1991	8/14/1991	8/23/1991
		KC91-154S-910801-15	KC91-155S-910801-15	KC91-156S-910810-13	KC91-157S-910811-14	KC91-158S-910812-14	KC91-159S-910813-14	KC91-160S-910814-15	KC91-161S-910813-15	KC91-162S-910823-14
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	10300 *	15200 *	11900 *			11400 *	9440 *	6850 *	10100
Antimony	7440-36-0	< 4	< 3.9	< 3.7			< 3.8	< 3.8	< 3.8	< 3.9
Arsenic	7440-38-2	2.7 S	10.1 S	26.7 W			3.6	1.4	11.2	4.8 N
Barium	7440-39-3	187 N	250 N	1730			174	225	93.5	248
Beryllium	7440-41-7	0.69	0.85	0.7			0.62 B	0.69	0.42 B	0.7
Cadmium	7440-43-9	< 0.67	< 0.65	< 0.62			< 0.64	< 0.63	< 0.63	< 0.66
Calcium	7440-70-2	3880	4940	4140 *			4450 *	4680 *	3880 *	4160
Chromium, Total	7440-47-3	13.6 *	18.2 *	18.2			16.6	14.9	10.6	14
Cobalt	7440-48-4	10.8	6.7	16.7 *			8.3 *	9.5 *	< 2.5	11
Copper	7440-50-8	21.4	15.5	30.5 N*			15.2 N*	18.4 N*	13.4 N*	32.3 *
Cyanide	57-12-5									
Iron	7439-89-6	19400 E	21400 E	22200 *			19600 *	17600 *	11100 *	16600 *
Lead	7439-92-1	5.9 WN*	9.6 N*	9.8			5.9	5.4	15.1	11.9
Magnesium	7439-95-4	2670 *	3410 *	2770			2980	2440	2100	2690
Manganese	7439-96-5	510 E	1010 E	12000			430	907	164	1360
Mercury	7439-97-6	< 0.03	0.03	0.06			< 0.03	< 0.03	< 0.03	< 0.03
Nickel	7440-02-0	18.4	18.3	27.4			18.8	17.4	13.3	21.4
Potassium	7440-09-7	1550	2420	1690			1730	1400	1210	1750
Selenium	7782-49-2	< 0.27	< 0.26	< 0.25			< 0.25	< 0.25	< 0.25	< 0.26
Silver	7440-22-4	< 0.67	< 0.65	< 0.62			< 0.64	< 0.63	< 0.63	< 0.66
Sodium	7440-23-5	118 B	254 B	88.3 B			76.7 B	167 B	129 B	< 26.2
Thallium (Soluble Salts)	7440-28-0	< 0.27	< 0.26	< 0.25			< 0.25	< 0.25	< 0.25	< 0.26
Vanadium	NA	18.8	22.4	30.4 *			20 *	17.9	11.2 *	25.5
Zinc	7440-66-6	74 N*	60.6 N*	65 N			60 N	51.7 EN	38.6 EN	87.9 E
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 100	< 100	< 0.1
Aroclor 1221	11104-28-2	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 100	< 100	< 0.1
Aroclor 1232	11141-16-5	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 100	< 100	< 0.1
Aroclor 1242	53469-21-9	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 100	< 100	< 0.1
Aroclor 1248	12672-29-6	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 100	< 100	< 0.1
Aroclor 1254	11097-69-1	< 0.21	< 0.21	< 0.2	< 0.21	< 0.21	< 0.2	< 200	< 200	< 0.21
Aroclor 1260	11096-82-5	< 0.21	< 0.21	< 0.2	< 0.21	< 0.21	< 0.2	< 200	< 200	< 0.21
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-154	KC91-155	KC91-156	KC91-157	KC91-158	KC91-159	KC91-160	KC91-161	KC91-162
		8/1/1991	8/1/1991	8/10/1991	8/11/1991	8/12/1991	8/13/1991	8/14/1991	8/14/1991	8/23/1991
		KC91-154S-910801-15	KC91-155S-910801-15	KC91-156S-910810-13	KC91-157S-910811-14	KC91-158S-910812-14	KC91-159S-910813-14	KC91-160S-910814-15	KC91-161S-910813-15	KC91-162S-910823-14
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-154	KC91-155	KC91-156	KC91-157	KC91-158	KC91-159	KC91-160	KC91-161	KC91-162
		8/1/1991	8/1/1991	8/10/1991	8/11/1991	8/12/1991	8/13/1991	8/14/1991	8/14/1991	8/23/1991
		KC91-154S-910801-15	KC91-155S-910801-15	KC91-156S-910810-13	KC91-157S-910811-14	KC91-158S-910812-14	KC91-159S-910813-14	KC91-160S-910814-15	KC91-161S-910813-15	KC91-162S-910823-14
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-154	KC91-155	KC91-156	KC91-157	KC91-158	KC91-159	KC91-160	KC91-161	KC91-162
		8/1/1991	8/1/1991	8/10/1991	8/11/1991	8/12/1991	8/13/1991	8/14/1991	8/14/1991	8/23/1991
		KC91-154S-910801-15	KC91-155S-910801-15	KC91-156S-910810-13	KC91-157S-910811-14	KC91-158S-910812-14	KC91-159S-910813-14	KC91-160S-910814-15	KC91-161S-910813-15	KC91-162S-910823-14
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-154	KC91-155	KC91-156	KC91-157	KC91-158	KC91-159	KC91-160	KC91-161	KC91-162
		8/1/1991	8/1/1991	8/10/1991	8/11/1991	8/12/1991	8/13/1991	8/14/1991	8/14/1991	8/23/1991
		KC91-154S-910801-15	KC91-155S-910801-15	KC91-156S-910810-13	KC91-157S-910811-14	KC91-158S-910812-14	KC91-159S-910813-14	KC91-160S-910814-15	KC91-161S-910813-15	KC91-162S-910823-14
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-154	KC91-155	KC91-156	KC91-157	KC91-158	KC91-159	KC91-160	KC91-161	KC91-162
		8/1/1991	8/1/1991	8/10/1991	8/11/1991	8/12/1991	8/13/1991	8/14/1991	8/14/1991	8/23/1991
		KC91-154S-910801-15	KC91-155S-910801-15	KC91-156S-910810-13	KC91-157S-910811-14	KC91-158S-910812-14	KC91-159S-910813-14	KC91-160S-910814-15	KC91-161S-910813-15	KC91-162S-910823-14
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-164	KC91-164	KC91-164	KC91-164	KC91-165	KC91-165	KC91-165	KC91-165
		8/24/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		KC91-163S-910824-14	KC91-164S-910808-06	KC91-164S-910808-09	KC91-164S-910808-12	KC91-164S-910808-15	KC91-165S-910809-06	KC91-165S-910809-09	KC91-165S-910809-12	KC91-165S-910809-15
VOCs										
Acetone	67-64-1	< 0.013				< 0.01				< 0.01
Benzene	71-43-2	< 0.007				< 0.01				< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.007				< 0.01				< 0.01
Bromoform	75-25-2	< 0.007				< 0.01				< 0.01
Bromomethane	74-83-9	< 0.013				< 0.01				< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.007				< 0.01				< 0.01
Carbon Tetrachloride	56-23-5	< 0.007				< 0.01				< 0.01
Chlorobenzene	108-90-7	< 0.007				< 0.01				< 0.01
Chloroethane	75-00-3	< 0.013				< 0.01				< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.007				< 0.01				< 0.01
Chloromethane	74-87-3	< 0.013				< 0.01				< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.007				< 0.01				< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.007				< 0.01				< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1					< 0.005				< 0.005
Dichlorobenzene, 1,3-	541-73-1					< 0.005				< 0.005
Dichlorobenzene, 1,4-	106-46-7					< 0.005				< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.007				< 0.01				< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.007				< 0.01				< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.007				< 0.01				< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	0.047				< 0.01				< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.007				< 0.01				< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.007				< 0.01				< 0.01
Ethylbenzene	100-41-4	< 0.007				< 0.01				< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-164	KC91-164	KC91-164	KC91-164	KC91-165	KC91-165	KC91-165	KC91-165
		8/24/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		KC91-163S-910824-14	KC91-164S-910808-06	KC91-164S-910808-09	KC91-164S-910808-12	KC91-164S-910808-15	KC91-165S-910809-06	KC91-165S-910809-09	KC91-165S-910809-12	KC91-165S-910809-15
Hexanone, 2-	591-78-6	< 0.013				< 0.01				< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.013				< 0.01				< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.013				< 0.01				< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	0.043				< 0.01				< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.007				< 0.01				< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.007				< 0.01				< 0.01
Tetrachloroethene	127-18-4	< 0.007				< 0.01				< 0.01
Toluene	108-88-3	0.002 J				< 0.01				< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					< 0.005				< 0.005
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.007				< 0.01				< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.007				< 0.01				< 0.01
Trichloroethene	79-01-6	< 0.007				< 0.01				< 0.01
Trichlorofluoromethane	75-69-4					< 0.01				< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4	< 0.013								
Vinyl Chloride	75-01-4	< 0.013				< 0.01				< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.007				< 0.01				< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-164	KC91-164	KC91-164	KC91-164	KC91-165	KC91-165	KC91-165	KC91-165
		8/24/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		KC91-163S-910824-14	KC91-164S-910808-06	KC91-164S-910808-09	KC91-164S-910808-12	KC91-164S-910808-15	KC91-165S-910809-06	KC91-165S-910809-09	KC91-165S-910809-12	KC91-165S-910809-15
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-164	KC91-164	KC91-164	KC91-164	KC91-165	KC91-165	KC91-165	KC91-165
		8/24/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		KC91-163S-910824-14	KC91-164S-910808-06	KC91-164S-910808-09	KC91-164S-910808-12	KC91-164S-910808-15	KC91-165S-910809-06	KC91-165S-910809-09	KC91-165S-910809-12	KC91-165S-910809-15
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	10300								
Antimony	7440-36-0	< 3.9								
Arsenic	7440-38-2	7.8 N								
Barium	7440-39-3	222								
Beryllium	7440-41-7	0.46 B								
Cadmium	7440-43-9	0.83								
Calcium	7440-70-2	4440 E								
Chromium, Total	7440-47-3	12.6								
Cobalt	7440-48-4	19.6								
Copper	7440-50-8	16.8 *								
Cyanide	57-12-5					< 1				< 1
Iron	7439-89-6	21600 E*								
Lead	7439-92-1	11.9								
Magnesium	7439-95-4	2750 E								
Manganese	7439-96-5	1070 E								
Mercury	7439-97-6	< 0.03								
Nickel	7440-02-0	19.8								
Potassium	7440-09-7	1600								
Selenium	7782-49-2	< 0.53								
Silver	7440-22-4	< 0.66								
Sodium	7440-23-5	49 B								
Thallium (Soluble Salts)	7440-28-0	< 0.26								
Vanadium	NA	23.1								
Zinc	7440-66-6	56.1 E								
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 0.21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 0.21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-164	KC91-164	KC91-164	KC91-164	KC91-165	KC91-165	KC91-165	KC91-165
		8/24/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		KC91-163S-910824-14	KC91-164S-910808-06	KC91-164S-910808-09	KC91-164S-910808-12	KC91-164S-910808-15	KC91-165S-910809-06	KC91-165S-910809-09	KC91-165S-910809-12	KC91-165S-910809-15
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-164	KC91-164	KC91-164	KC91-164	KC91-165	KC91-165	KC91-165	KC91-165
		8/24/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		KC91-163S-910824-14	KC91-164S-910808-06	KC91-164S-910808-09	KC91-164S-910808-12	KC91-164S-910808-15	KC91-165S-910809-06	KC91-165S-910809-09	KC91-165S-910809-12	KC91-165S-910809-15
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-164	KC91-164	KC91-164	KC91-164	KC91-165	KC91-165	KC91-165	KC91-165
		8/24/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		KC91-163S-910824-14	KC91-164S-910808-06	KC91-164S-910808-09	KC91-164S-910808-12	KC91-164S-910808-15	KC91-165S-910809-06	KC91-165S-910809-09	KC91-165S-910809-12	KC91-165S-910809-15
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-164	KC91-164	KC91-164	KC91-164	KC91-165	KC91-165	KC91-165	KC91-165
		8/24/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		KC91-163S-910824-14	KC91-164S-910808-06	KC91-164S-910808-09	KC91-164S-910808-12	KC91-164S-910808-15	KC91-165S-910809-06	KC91-165S-910809-09	KC91-165S-910809-12	KC91-165S-910809-15
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-164	KC91-164	KC91-164	KC91-164	KC91-165	KC91-165	KC91-165	KC91-165
		8/24/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		KC91-163S-910824-14	KC91-164S-910808-06	KC91-164S-910808-09	KC91-164S-910808-12	KC91-164S-910808-15	KC91-165S-910809-06	KC91-165S-910809-09	KC91-165S-910809-12	KC91-165S-910809-15
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)			< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
TPH (Light)			< 5	< 5	< 5	< 5	< 5	7	< 5	< 5
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-166	KC91-166	KC91-166	KC91-167	KC91-168	KC91-168	KC91-169	KC91-169	KC91-170
		8/12/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/14/1991	8/14/1991	8/16/1991
		KC91-166S-910812-04	KC91-166S-910812-09	KC91-166S-910812-14	KC91-167S-910813-04	KC91-168S-910813-04	KC91-168S-910813-14	KC91-169S-910814-04	KC91-169S-910814-14	KC91-170S-910816-04
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	0.013	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.019	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-166	KC91-166	KC91-166	KC91-167	KC91-168	KC91-168	KC91-169	KC91-169	KC91-170
		8/12/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/14/1991	8/14/1991	8/16/1991
		KC91-166S-910812-04	KC91-166S-910812-09	KC91-166S-910812-14	KC91-167S-910813-04	KC91-168S-910813-04	KC91-168S-910813-14	KC91-169S-910814-04	KC91-169S-910814-14	KC91-170S-910816-04
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-166	KC91-166	KC91-166	KC91-167	KC91-168	KC91-168	KC91-169	KC91-169	KC91-170
		8/12/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/14/1991	8/14/1991	8/16/1991
		KC91-166S-910812-04	KC91-166S-910812-09	KC91-166S-910812-14	KC91-167S-910813-04	KC91-168S-910813-04	KC91-168S-910813-14	KC91-169S-910814-04	KC91-169S-910814-14	KC91-170S-910816-04
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-166	KC91-166	KC91-166	KC91-167	KC91-168	KC91-168	KC91-169	KC91-169	KC91-170
		8/12/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/14/1991	8/14/1991	8/16/1991
		KC91-166S-910812-04	KC91-166S-910812-09	KC91-166S-910812-14	KC91-167S-910813-04	KC91-168S-910813-04	KC91-168S-910813-14	KC91-169S-910814-04	KC91-169S-910814-14	KC91-170S-910816-04
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-166	KC91-166	KC91-166	KC91-167	KC91-168	KC91-168	KC91-169	KC91-169	KC91-170
		8/12/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/14/1991	8/14/1991	8/16/1991
		KC91-166S-910812-04	KC91-166S-910812-09	KC91-166S-910812-14	KC91-167S-910813-04	KC91-168S-910813-04	KC91-168S-910813-14	KC91-169S-910814-04	KC91-169S-910814-14	KC91-170S-910816-04
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-166	KC91-166	KC91-166	KC91-167	KC91-168	KC91-168	KC91-169	KC91-169	KC91-170
		8/12/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/14/1991	8/14/1991	8/16/1991
		KC91-166S-910812-04	KC91-166S-910812-09	KC91-166S-910812-14	KC91-167S-910813-04	KC91-168S-910813-04	KC91-168S-910813-14	KC91-169S-910814-04	KC91-169S-910814-14	KC91-170S-910816-04
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-166	KC91-166	KC91-166	KC91-167	KC91-168	KC91-168	KC91-169	KC91-169	KC91-170
		8/12/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/14/1991	8/14/1991	8/16/1991
		KC91-166S-910812-04	KC91-166S-910812-09	KC91-166S-910812-14	KC91-167S-910813-04	KC91-168S-910813-04	KC91-168S-910813-14	KC91-169S-910814-04	KC91-169S-910814-14	KC91-170S-910816-04
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-166	KC91-166	KC91-166	KC91-167	KC91-168	KC91-168	KC91-169	KC91-169	KC91-170
		8/12/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/14/1991	8/14/1991	8/16/1991
		KC91-166S-910812-04	KC91-166S-910812-09	KC91-166S-910812-14	KC91-167S-910813-04	KC91-168S-910813-04	KC91-168S-910813-14	KC91-169S-910814-04	KC91-169S-910814-14	KC91-170S-910816-04
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-166	KC91-166	KC91-166	KC91-167	KC91-168	KC91-168	KC91-169	KC91-169	KC91-170
		8/12/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/13/1991	8/14/1991	8/14/1991	8/16/1991
		KC91-166S-910812-04	KC91-166S-910812-09	KC91-166S-910812-14	KC91-167S-910813-04	KC91-168S-910813-04	KC91-168S-910813-14	KC91-169S-910814-04	KC91-169S-910814-14	KC91-170S-910816-04
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-170	KC91-171	KC91-171	KC91-172	KC91-172	KC91-173	KC91-173	KC91-173	KC91-174
		8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		KC91-170S-910816-14	KC91-171S-910816-04	KC91-171S-910816-14	KC91-172S-910816-06	KC91-172S-910816-14	KC91-173S-910817-04	KC91-173S-910817-09	KC91-173S-910817-14	KC91-174S-910817-04
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-170	KC91-171	KC91-171	KC91-172	KC91-172	KC91-173	KC91-173	KC91-173	KC91-174
		8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		KC91-170S-910816-14	KC91-171S-910816-04	KC91-171S-910816-14	KC91-172S-910816-06	KC91-172S-910816-14	KC91-173S-910817-04	KC91-173S-910817-09	KC91-173S-910817-14	KC91-174S-910817-04
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.45	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-170	KC91-171	KC91-171	KC91-172	KC91-172	KC91-173	KC91-173	KC91-173	KC91-174
		8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		KC91-170S-910816-14	KC91-171S-910816-04	KC91-171S-910816-14	KC91-172S-910816-06	KC91-172S-910816-14	KC91-173S-910817-04	KC91-173S-910817-09	KC91-173S-910817-14	KC91-174S-910817-04
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-170	KC91-171	KC91-171	KC91-172	KC91-172	KC91-173	KC91-173	KC91-173	KC91-174
		8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		KC91-170S-910816-14	KC91-171S-910816-04	KC91-171S-910816-14	KC91-172S-910816-06	KC91-172S-910816-14	KC91-173S-910817-04	KC91-173S-910817-09	KC91-173S-910817-14	KC91-174S-910817-04
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5						26700	20900	19500	23600
Antimony	7440-36-0						< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2						4.55	4.66	6.23	4.64
Barium	7440-39-3						222	175	213	155
Beryllium	7440-41-7						0.775	0.57	0.66	0.86
Cadmium	7440-43-9						< 0.05	< 0.05	0.28	0.225
Calcium	7440-70-2						3420	3550	3430	3390
Chromium, Total	7440-47-3						31.8	25.3	24.3	25.4
Cobalt	7440-48-4						6.31	4.99	9.91	15.8
Copper	7440-50-8						15.6	12.3	13.7	12.6
Cyanide	57-12-5						< 1	< 1	< 1	< 1
Iron	7439-89-6						17200	14600	17370	17900
Lead	7439-92-1						20	16	19	28.5
Magnesium	7439-95-4						2330	2070	2440	1890
Manganese	7439-96-5						237	481	1660	845
Mercury	7439-97-6						< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0						20	19.7	24.6	29.1
Potassium	7440-09-7						3240	2015	1970	2010
Selenium	7782-49-2						< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4						< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5						438	106	116	240
Thallium (Soluble Salts)	7440-28-0						< 5	< 5	< 5	< 5
Vanadium	NA						47.3	23.2	35.1	22.1
Zinc	7440-66-6						61.8	54.1	60.9	64.4
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-170	KC91-171	KC91-171	KC91-172	KC91-172	KC91-173	KC91-173	KC91-173	KC91-174
		8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		KC91-170S-910816-14	KC91-171S-910816-04	KC91-171S-910816-14	KC91-172S-910816-06	KC91-172S-910816-14	KC91-173S-910817-04	KC91-173S-910817-09	KC91-173S-910817-14	KC91-174S-910817-04
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-170	KC91-171	KC91-171	KC91-172	KC91-172	KC91-173	KC91-173	KC91-173	KC91-174
		8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		KC91-170S-910816-14	KC91-171S-910816-04	KC91-171S-910816-14	KC91-172S-910816-06	KC91-172S-910816-14	KC91-173S-910817-04	KC91-173S-910817-09	KC91-173S-910817-14	KC91-174S-910817-04
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-170	KC91-171	KC91-171	KC91-172	KC91-172	KC91-173	KC91-173	KC91-173	KC91-174
		8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		KC91-170S-910816-14	KC91-171S-910816-04	KC91-171S-910816-14	KC91-172S-910816-06	KC91-172S-910816-14	KC91-173S-910817-04	KC91-173S-910817-09	KC91-173S-910817-14	KC91-174S-910817-04
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-170	KC91-171	KC91-171	KC91-172	KC91-172	KC91-173	KC91-173	KC91-173	KC91-174
		8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		KC91-170S-910816-14	KC91-171S-910816-04	KC91-171S-910816-14	KC91-172S-910816-06	KC91-172S-910816-14	KC91-173S-910817-04	KC91-173S-910817-09	KC91-173S-910817-14	KC91-174S-910817-04
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-170	KC91-171	KC91-171	KC91-172	KC91-172	KC91-173	KC91-173	KC91-173	KC91-174
		8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/16/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		KC91-170S-910816-14	KC91-171S-910816-04	KC91-171S-910816-14	KC91-172S-910816-06	KC91-172S-910816-14	KC91-173S-910817-04	KC91-173S-910817-09	KC91-173S-910817-14	KC91-174S-910817-04
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	1600	1500	< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-174	KC91-174	KC91-175	KC91-175	KC91-175	KC91-176	KC91-176	KC91-176	KC91-177
		8/17/1991	8/17/1991	8/18/1991	8/18/1991	8/18/1991	8/19/1991	8/19/1991	8/19/1991	8/19/1991
		KC91-174S-910817-09	KC91-174S-910817-14	KC91-175S-910818-04	KC91-175S-910818-09	KC91-175S-910818-14	KC91-176S-910819-04	KC91-176S-910819-09	KC91-176S-910819-10	KC91-177S-910819-04
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4						< 0.33	< 0.33	< 0.323	< 0.33
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7						< 0.33	< 0.33	< 0.323	< 0.33
Chlorophenol, 2-	95-57-8						< 0.33	< 0.33	< 0.323	< 0.33
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7						< 0.33	< 0.33	< 0.323	< 0.33
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3						< 0.33	< 0.33	< 0.323	< 0.33

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-174	KC91-174	KC91-175	KC91-175	KC91-175	KC91-176	KC91-176	KC91-176	KC91-177
		8/17/1991	8/17/1991	8/18/1991	8/18/1991	8/18/1991	8/19/1991	8/19/1991	8/19/1991	8/19/1991
		KC91-174S-910817-09	KC91-174S-910817-14	KC91-175S-910818-04	KC91-175S-910818-09	KC91-175S-910818-14	KC91-176S-910819-04	KC91-176S-910819-09	KC91-176S-910819-10	KC91-177S-910819-04
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3						< 0.33	< 0.33	< 0.323	1.1
Nitrobenzene	98-95-3						< 0.33	< 0.33	< 0.323	< 0.33
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.036
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1						< 0.33	< 0.33	< 0.323	< 0.33
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9						< 0.33	< 0.33	< 0.323	3.9
Acenaphthylene	208-96-8						< 0.33	< 0.33	< 0.323	< 0.33
Aniline	62-53-3						< 0.33	< 0.33	< 0.323	< 0.33
Anthracene	120-12-7						< 0.33	< 0.33	< 0.323	4.3
Benzidine	92-87-5						< 1.6	< 1.6	< 1.57	< 1.6
Benzo[a]anthracene	56-55-3						< 0.33	< 0.33	< 0.323	12
Benzo[a]pyrene	50-32-8						< 0.33	< 0.33	< 0.323	16
Benzo[b]fluoranthene	205-99-2						< 0.33	< 0.33	< 0.323	< 0.33
Benzo[g,h,i]perylene	191-24-2						< 0.33	< 0.33	< 0.323	10
Benzo[k]fluoranthene	207-08-9						< 0.33	< 0.33	< 0.323	6.5
Benzoic Acid	65-85-0						< 1.6	< 1.6	< 1.57	< 1.6
Benzyl Alcohol	100-51-6						< 0.33	< 0.33	< 0.323	< 0.33
Bis(2-chloroethoxy)methane	111-91-1						< 0.33	< 0.33	< 0.323	< 0.33
bis(2-Chloroisopropyl)ether	39638-32-9						< 0.33	< 0.33	< 0.323	< 0.33

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-174	KC91-174	KC91-175	KC91-175	KC91-175	KC91-176	KC91-176	KC91-176	KC91-177
		8/17/1991	8/17/1991	8/18/1991	8/18/1991	8/18/1991	8/19/1991	8/19/1991	8/19/1991	8/19/1991
		KC91-174S-910817-09	KC91-174S-910817-14	KC91-175S-910818-04	KC91-175S-910818-09	KC91-175S-910818-14	KC91-176S-910819-04	KC91-176S-910819-09	KC91-176S-910819-10	KC91-177S-910819-04
Bis(2-ethylhexyl)phthalate	117-81-7						< 0.33	< 0.33	< 0.323	< 0.33
Bromophenyl phenyl ether, 4-	101-55-3						< 0.33	< 0.33	< 0.323	< 0.33
Butyl Benzyl Phthlate	85-68-7						< 0.33	< 0.33	< 0.323	< 0.33
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8						< 0.33	< 0.33	< 0.323	< 0.33
Chlorophenyl-phenylether, 4-	7005-72-3						< 0.33	< 0.33	< 0.323	< 0.33
Chrysene	218-01-9						< 0.33	< 0.33	< 0.323	9.8
Cresol, 3&4-										
Cresol, o-	95-48-7						< 0.33	< 0.33	< 0.323	< 0.33
Cresol, p-	106-44-5						< 0.33	< 0.33	< 0.323	< 0.33
Dibenz[a,h]anthracene	53-70-3						< 0.33	< 0.33	< 0.323	0.38
Dibenzofuran	132-64-9						< 0.33	< 0.33	< 0.323	1.7
Dibutyl Phthalate	84-74-2						< 0.33	< 0.33	< 0.323	< 0.33
Dichlorobenzidine, 3,3'-	91-94-1						< 0.66	< 0.66	< 0.647	< 0.66
Dichlorophenol, 2,4-	120-83-2						< 0.33	< 0.33	< 0.323	< 0.33
Diethyl Phthalate	84-66-2						< 0.33	< 0.33	< 0.323	< 0.33
Dimethyl phthalate	131-11-3						< 0.33	< 0.33	< 0.323	< 0.33
Dimethylphenol, 2,4-	105-67-9						< 0.33	< 0.33	< 0.323	< 0.33
Dinitro-o-cresol, 4,6-	534-52-1						< 1.6	< 1.6	< 1.57	< 1.6
Dinitrophenol, 2,4-	51-28-5						< 1.6	< 1.6	< 1.57	< 1.6
Dinitrotoluene, 2,4-	121-14-2						< 0.33	< 0.33	< 0.323	< 0.33
Dinitrotoluene, 2,6-	606-20-2						< 0.33	< 0.33	< 0.323	< 0.33
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7						< 0.33	< 0.33	< 0.323	< 0.33
Fluoranthene	206-44-0						< 0.33	< 0.33	< 0.323	< 0.33
Fluorene	86-73-7						< 0.33	< 0.33	< 0.323	3.2
Hexachlorobenzene	118-74-1						< 0.33	< 0.33	< 0.323	< 0.33
Hexachlorocyclopentadiene	77-47-4						< 0.33	< 0.33	< 0.323	< 0.33
Hexachloroethane	67-72-1						< 0.33	< 0.33	< 0.323	< 0.33
Indeno[1,2,3-cd]pyrene	193-39-5						< 0.33	< 0.33	< 0.323	9.7
Isophorone	78-59-1						< 0.33	< 0.33	< 0.323	< 0.33
Methylnaphthalene, 2-	91-57-6						< 0.33	< 0.33	< 0.323	0.37
Nitroaniline, 2-	88-74-4						< 1.6	< 1.6	< 1.57	< 1.6
Nitroaniline, 3-	99-09-2						< 1.6	< 1.6	< 1.57	< 1.6
Nitroaniline, 4-	100-01-6						< 1.6	< 1.6	< 1.57	< 1.6
Nitrophenol, 2-	88-75-5						< 0.33	< 0.33	< 0.323	< 0.33
Nitrophenol, 4-	100-02-7						< 1.6	< 1.6	< 1.57	< 1.6
Nitrosodimethylamine, N-	62-75-9						< 0.33	< 0.33	< 0.323	< 0.33
Nitroso-di-N-propylamine, N-	621-64-7						< 0.33	< 0.33	< 0.323	< 0.33
Nitrosodiphenylamine, N-	86-30-6						< 0.33	< 0.33	< 0.323	< 0.33
Pentachlorophenol	87-86-5						< 1.6	< 1.6	< 1.57	< 1.6
Phenanthrene	85-01-8						< 0.33	< 0.33	< 0.3	< 0.33
Phenol	108-95-2						< 0.33	< 0.33	< 0.323	< 0.33
Pyrene	129-00-0						< 0.33	< 0.33	< 0.323	14
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4						< 1.6	< 1.6	< 1.57	< 1.6

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-174	KC91-174	KC91-175	KC91-175	KC91-175	KC91-176	KC91-176	KC91-176	KC91-177
		8/17/1991	8/17/1991	8/18/1991	8/18/1991	8/18/1991	8/19/1991	8/19/1991	8/19/1991	8/19/1991
		KC91-174S-910817-09	KC91-174S-910817-14	KC91-175S-910818-04	KC91-175S-910818-09	KC91-175S-910818-14	KC91-176S-910819-04	KC91-176S-910819-09	KC91-176S-910819-10	KC91-177S-910819-04
Trichlorophenol, 2,4,6-	88-06-2						< 0.33	< 0.33	< 0.323	< 0.33
Metals and Inorganics										
Aluminum	7429-90-5	21500	20980	29800	29550	28400	246000	16100	12700	20200
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	5.04	4.72	5.97	6.4	9.11	0.49	2.98	1.75	12
Barium	7440-39-3	139	143	110	1244	112	123	162	91.7	161
Beryllium	7440-41-7	0.775	0.68	0.87	0.87	0.54	0.8	0.66	0.54	0.71
Cadmium	7440-43-9	< 0.05	0.24	0.98	0.79	3.15	0.8	0.5	0.4	1.28
Calcium	7440-70-2	3230	3664	25270	18100	15700	56700	4710	4150	3960
Chromium, Total	7440-47-3	26.8	24.2	35.8	26.9	39.2	25.5	17.3	14.6	23.6
Cobalt	7440-48-4	6.94	7.1	7.96	7.08	4.82	8.28	6.82	< 2.5	6.13
Copper	7440-50-8	13.8	15.5	16.9	19.5	17.6	103	12.8	11.7	14
Cyanide	57-12-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Iron	7439-89-6	16400	1633	18700	20540	22400	22700	15200	13300	18200
Lead	7439-92-1	22	19	23.5	24	34	19	16	11.5	20
Magnesium	7439-95-4	1950	2180	4200	3595	3319	5140	2260	2130	2050
Manganese	7439-96-5	431	610	361	216	488	222	569	129	624
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	23.5	22.6	26	20.2	29.4	30.8	17	11.2	23.2
Potassium	7440-09-7	2285	2260	5650	4910	4180	3765	1375	1395	1710
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	79.5	97.7	356	292	168	228	140	86.2	104
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	25.6	24.3	51.8	42.2	75.1	25.7	19.3	13	23.8
Zinc	7440-66-6	81.5	64.9	75.2	64.6	197	45	40.3	38	66.7
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-174	KC91-174	KC91-175	KC91-175	KC91-175	KC91-176	KC91-176	KC91-176	KC91-177
		8/17/1991	8/17/1991	8/18/1991	8/18/1991	8/18/1991	8/19/1991	8/19/1991	8/19/1991	8/19/1991
		KC91-174S-910817-09	KC91-174S-910817-14	KC91-175S-910818-04	KC91-175S-910818-09	KC91-175S-910818-14	KC91-176S-910819-04	KC91-176S-910819-09	KC91-176S-910819-10	KC91-177S-910819-04
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
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PCB-024										
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PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
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PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
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PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-174	KC91-174	KC91-175	KC91-175	KC91-175	KC91-176	KC91-176	KC91-176	KC91-177
		8/17/1991	8/17/1991	8/18/1991	8/18/1991	8/18/1991	8/19/1991	8/19/1991	8/19/1991	8/19/1991
		KC91-174S-910817-09	KC91-174S-910817-14	KC91-175S-910818-04	KC91-175S-910818-09	KC91-175S-910818-14	KC91-176S-910819-04	KC91-176S-910819-09	KC91-176S-910819-10	KC91-177S-910819-04
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
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PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-174	KC91-174	KC91-175	KC91-175	KC91-175	KC91-176	KC91-176	KC91-176	KC91-177
		8/17/1991	8/17/1991	8/18/1991	8/18/1991	8/18/1991	8/19/1991	8/19/1991	8/19/1991	8/19/1991
		KC91-174S-910817-09	KC91-174S-910817-14	KC91-175S-910818-04	KC91-175S-910818-09	KC91-175S-910818-14	KC91-176S-910819-04	KC91-176S-910819-09	KC91-176S-910819-10	KC91-177S-910819-04
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-174	KC91-174	KC91-175	KC91-175	KC91-175	KC91-176	KC91-176	KC91-176	KC91-177
		8/17/1991	8/17/1991	8/18/1991	8/18/1991	8/18/1991	8/19/1991	8/19/1991	8/19/1991	8/19/1991
		KC91-174S-910817-09	KC91-174S-910817-14	KC91-175S-910818-04	KC91-175S-910818-09	KC91-175S-910818-14	KC91-176S-910819-04	KC91-176S-910819-09	KC91-176S-910819-10	KC91-177S-910819-04
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-174	KC91-174	KC91-175	KC91-175	KC91-175	KC91-176	KC91-176	KC91-176	KC91-177
		8/17/1991	8/17/1991	8/18/1991	8/18/1991	8/18/1991	8/19/1991	8/19/1991	8/19/1991	8/19/1991
		KC91-174S-910817-09	KC91-174S-910817-14	KC91-175S-910818-04	KC91-175S-910818-09	KC91-175S-910818-14	KC91-176S-910819-04	KC91-176S-910819-09	KC91-176S-910819-10	KC91-177S-910819-04
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	120	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-177	KC91-178	KC91-178	KC91-179	KC91-179	KC91-179	KC91-180	KC91-180	KC91-180
		8/19/1991	8/20/1991	8/20/1991	8/19/1991	8/19/1991	8/19/1991	8/20/1991	8/20/1991	8/20/1991
		KC91-177S-910819-14	KC91-178S-910820-10	KC91-178S-910820-14	KC91-179S-910819-05	KC91-179S-910819-10	KC91-179S-910819-15	KC91-180S-910820-03	KC91-180S-910820-08	KC91-180S-910820-12
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4	< 0.323								
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	0.03	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7	< 0.323								
Chlorophenol, 2-	95-57-8	< 0.323								
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7	< 0.323								
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3	< 0.323								

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-177	KC91-178	KC91-178	KC91-179	KC91-179	KC91-179	KC91-180	KC91-180	KC91-180
		8/19/1991	8/20/1991	8/20/1991	8/19/1991	8/19/1991	8/19/1991	8/20/1991	8/20/1991	8/20/1991
		KC91-177S-910819-14	KC91-178S-910820-10	KC91-178S-910820-14	KC91-179S-910819-05	KC91-179S-910819-10	KC91-179S-910819-15	KC91-180S-910820-03	KC91-180S-910820-08	KC91-180S-910820-12
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3	< 0.323								
Nitrobenzene	98-95-3	< 0.323								
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1	< 0.323								
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	0.089	0.026	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9	< 0.323								
Acenaphthylene	208-96-8	< 0.323								
Aniline	62-53-3	< 0.323								
Anthracene	120-12-7	< 0.323								
Benzidine	92-87-5	< 1.57								
Benzo[a]anthracene	56-55-3	< 0.323								
Benzo[a]pyrene	50-32-8	< 0.323								
Benzo[b]fluoranthene	205-99-2	< 0.323								
Benzo[g,h,i]perylene	191-24-2	< 0.323								
Benzo[k]fluoranthene	207-08-9	< 0.323								
Benzoic Acid	65-85-0	< 1.57								
Benzyl Alcohol	100-51-6	< 0.323								
Bis(2-chloroethoxy)methane	111-91-1	< 0.323								
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.323								

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-177	KC91-178	KC91-178	KC91-179	KC91-179	KC91-179	KC91-180	KC91-180	KC91-180
		8/19/1991	8/20/1991	8/20/1991	8/19/1991	8/19/1991	8/19/1991	8/20/1991	8/20/1991	8/20/1991
		KC91-177S-910819-14	KC91-178S-910820-10	KC91-178S-910820-14	KC91-179S-910819-05	KC91-179S-910819-10	KC91-179S-910819-15	KC91-180S-910820-03	KC91-180S-910820-08	KC91-180S-910820-12
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.323								
Bromophenyl phenyl ether, 4-	101-55-3	< 0.323								
Butyl Benzyl Phthlate	85-68-7	< 0.323								
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8	< 0.323								
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.323								
Chrysene	218-01-9	< 0.323								
Cresol, 3&4-										
Cresol, o-	95-48-7	< 0.323								
Cresol, p-	106-44-5	< 0.323								
Dibenz[a,h]anthracene	53-70-3	< 0.323								
Dibenzofuran	132-64-9	< 0.323								
Dibutyl Phthalate	84-74-2	< 0.323								
Dichlorobenzidine, 3,3'-	91-94-1	< 0.647								
Dichlorophenol, 2,4-	120-83-2	< 0.323								
Diethyl Phthalate	84-66-2	< 0.323								
Dimethyl phthalate	131-11-3	< 0.323								
Dimethylphenol, 2,4-	105-67-9	< 0.323								
Dinitro-o-cresol, 4,6-	534-52-1	< 1.57								
Dinitrophenol, 2,4-	51-28-5	< 1.57								
Dinitrotoluene, 2,4-	121-14-2	< 0.323								
Dinitrotoluene, 2,6-	606-20-2	< 0.323								
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7	< 0.323								
Fluoranthene	206-44-0	< 0.323								
Fluorene	86-73-7	< 0.323								
Hexachlorobenzene	118-74-1	< 0.323								
Hexachlorocyclopentadiene	77-47-4	< 0.323								
Hexachloroethane	67-72-1	< 0.323								
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.323								
Isophorone	78-59-1	< 0.323								
Methylnaphthalene, 2-	91-57-6	< 0.323								
Nitroaniline, 2-	88-74-4	< 1.57								
Nitroaniline, 3-	99-09-2	< 1.57								
Nitroaniline, 4-	100-01-6	< 1.57								
Nitrophenol, 2-	88-75-5	< 0.323								
Nitrophenol, 4-	100-02-7	< 1.57								
Nitrosodimethylamine, N-	62-75-9	< 0.323								
Nitroso-di-N-propylamine, N-	621-64-7	< 0.323								
Nitrosodiphenylamine, N-	86-30-6	< 0.323								
Pentachlorophenol	87-86-5	< 1.57								
Phenanthrene	85-01-8	< 0.3								
Phenol	108-95-2	< 0.323								
Pyrene	129-00-0	< 0.323								
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4	< 1.57								

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-177	KC91-178	KC91-178	KC91-179	KC91-179	KC91-179	KC91-180	KC91-180	KC91-180
		8/19/1991	8/20/1991	8/20/1991	8/19/1991	8/19/1991	8/19/1991	8/20/1991	8/20/1991	8/20/1991
		KC91-177S-910819-14	KC91-178S-910820-10	KC91-178S-910820-14	KC91-179S-910819-05	KC91-179S-910819-10	KC91-179S-910819-15	KC91-180S-910820-03	KC91-180S-910820-08	KC91-180S-910820-12
Trichlorophenol, 2,4,6-	88-06-2	< 0.323								
Metals and Inorganics										
Aluminum	7429-90-5	15900			30600	21000	20800	23400	10600	9570
Antimony	7440-36-0	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	9.85			9.41	7.93	0.749	11.8	7.9	3.2
Barium	7440-39-3	145			52.8	56	40.3	156	110	138
Beryllium	7440-41-7	0.61			1.57	0.81	0.81	0.52	0.39	0.42
Cadmium	7440-43-9	0.85			< 0.05	< 0.05	< 0.05	0.83	< 0.05	< 0.05
Calcium	7440-70-2	3880			16500	30200	2760	65300	17500	2570
Chromium, Total	7440-47-3	17.4			152	33.8	29.3	29.9	16.6	13.4
Cobalt	7440-48-4	6.72			16.7	11.5	9.8	5.39	4.73	7.49
Copper	7440-50-8	12.7			20	18.9	9.9	15.4	11.5	11.7
Cyanide	57-12-5	< 1								
Iron	7439-89-6	15800			29230	25500	38300	16400	10500	14900
Lead	7439-92-1	14			26.5	22	12.5	35.5	20	16.5
Magnesium	7439-95-4	2360			9993	7620	7580	3650	1850	39.7
Manganese	7439-96-5	623			246	506	691	407	143	184
Mercury	7439-97-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	20.8			128	34.3	27.6	20.1	18.3	19.8
Potassium	7440-09-7	1895			6400	3440	3200	4230	1280	1075
Selenium	7782-49-2	< 0.25			< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5			< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	82.7			421	325	< 5	195	129	71.6
Thallium (Soluble Salts)	7440-28-0	< 5			< 5	< 5	267	< 5	< 5	< 5
Vanadium	NA	17			75.8	28.8	26.9	43.8	16.3	14.5
Zinc	7440-66-6	44			203	61.9	54.5	52.9	39.7	47.2
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.7	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-177	KC91-178	KC91-178	KC91-179	KC91-179	KC91-179	KC91-180	KC91-180	KC91-180
		8/19/1991	8/20/1991	8/20/1991	8/19/1991	8/19/1991	8/19/1991	8/20/1991	8/20/1991	8/20/1991
		KC91-177S-910819-14	KC91-178S-910820-10	KC91-178S-910820-14	KC91-179S-910819-05	KC91-179S-910819-10	KC91-179S-910819-15	KC91-180S-910820-03	KC91-180S-910820-08	KC91-180S-910820-12
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
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PCB-025										
PCB-026										
PCB-027										
PCB-028										
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PCB-041										
PCB-042										
PCB-043										
PCB-044										
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PCB-046										
PCB-047										
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PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-177	KC91-178	KC91-178	KC91-179	KC91-179	KC91-179	KC91-180	KC91-180	KC91-180
		8/19/1991	8/20/1991	8/20/1991	8/19/1991	8/19/1991	8/19/1991	8/20/1991	8/20/1991	8/20/1991
		KC91-177S-910819-14	KC91-178S-910820-10	KC91-178S-910820-14	KC91-179S-910819-05	KC91-179S-910819-10	KC91-179S-910819-15	KC91-180S-910820-03	KC91-180S-910820-08	KC91-180S-910820-12
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-177	KC91-178	KC91-178	KC91-179	KC91-179	KC91-179	KC91-180	KC91-180	KC91-180
		8/19/1991	8/20/1991	8/20/1991	8/19/1991	8/19/1991	8/19/1991	8/20/1991	8/20/1991	8/20/1991
		KC91-177S-910819-14	KC91-178S-910820-10	KC91-178S-910820-14	KC91-179S-910819-05	KC91-179S-910819-10	KC91-179S-910819-15	KC91-180S-910820-03	KC91-180S-910820-08	KC91-180S-910820-12
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-177	KC91-178	KC91-178	KC91-179	KC91-179	KC91-179	KC91-180	KC91-180	KC91-180
		8/19/1991	8/20/1991	8/20/1991	8/19/1991	8/19/1991	8/19/1991	8/20/1991	8/20/1991	8/20/1991
		KC91-177S-910819-14	KC91-178S-910820-10	KC91-178S-910820-14	KC91-179S-910819-05	KC91-179S-910819-10	KC91-179S-910819-15	KC91-180S-910820-03	KC91-180S-910820-08	KC91-180S-910820-12
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-177	KC91-178	KC91-178	KC91-179	KC91-179	KC91-179	KC91-180	KC91-180	KC91-180
		8/19/1991	8/20/1991	8/20/1991	8/19/1991	8/19/1991	8/19/1991	8/20/1991	8/20/1991	8/20/1991
		KC91-177S-910819-14	KC91-178S-910820-10	KC91-178S-910820-14	KC91-179S-910819-05	KC91-179S-910819-10	KC91-179S-910819-15	KC91-180S-910820-03	KC91-180S-910820-08	KC91-180S-910820-12
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		1300	280	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-181	KC91-182	KC91-183	KC92-184	KC92-184	KC92-185	KC92-185	KC92-187	KC92-187
		8/21/1991	8/22/1991	11/5/1991	3/29/1992	3/29/1992	3/30/1992	3/30/1992	6/11/1992	6/11/1992
		KC91-181S-910821-14	KC91-182S-910822-13	KC91-183S-911105-15	KC92-184S-920329-14	KC92-184S-920329-15	KC92-185S-920330-13	KC92-185S-920330-14	KC92-187S-920611-10	KC92-187S-920611-11
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	0.007 J		0.015		0.045 B*	
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.013		< 0.013		< 0.059	
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.013		< 0.013		< 0.059	
Chloroethyl Vinyl Ether, 2-	110-75-8								< 0.059	
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.013		< 0.013		0.023 *	
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005						
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005						
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005						
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-181	KC91-182	KC91-183	KC92-184	KC92-184	KC92-185	KC92-185	KC92-187	KC92-187
		8/21/1991	8/22/1991	11/5/1991	3/29/1992	3/29/1992	3/30/1992	3/30/1992	6/11/1992	6/11/1992
		KC91-181S-910821-14	KC91-182S-910822-13	KC91-183S-911105-15	KC92-184S-920329-14	KC92-184S-920329-15	KC92-185S-920330-13	KC92-185S-920330-14	KC92-187S-920611-10	KC92-187S-920611-11
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.013		< 0.013		< 0.29	
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.013		< 0.013		< 0.59	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.013		< 0.013		< 0.29	
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	0.008 B		0.009 B		0.082 B	
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01						
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005						
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4				< 0.013		< 0.013		< 0.29	
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.013		< 0.013		< 0.059	
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.006		< 0.006		< 0.029	
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-181	KC91-182	KC91-183	KC92-184	KC92-184	KC92-185	KC92-185	KC92-187	KC92-187
		8/21/1991	8/22/1991	11/5/1991	3/29/1992	3/29/1992	3/30/1992	3/30/1992	6/11/1992	6/11/1992
		KC91-181S-910821-14	KC91-182S-910822-13	KC91-183S-911105-15	KC92-184S-920329-14	KC92-184S-920329-15	KC92-185S-920330-13	KC92-185S-920330-14	KC92-187S-920611-10	KC92-187S-920611-11
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-181	KC91-182	KC91-183	KC92-184	KC92-184	KC92-185	KC92-185	KC92-187	KC92-187
		8/21/1991	8/22/1991	11/5/1991	3/29/1992	3/29/1992	3/30/1992	3/30/1992	6/11/1992	6/11/1992
		KC91-181S-910821-14	KC91-182S-910822-13	KC91-183S-911105-15	KC92-184S-920329-14	KC92-184S-920329-15	KC92-185S-920330-13	KC92-185S-920330-14	KC92-187S-920611-10	KC92-187S-920611-11
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	20500	16200			9600		12500		13000 N*
Antimony	7440-36-0	< 0.5	< 0.5			< 3.9		< 3.7		< 1.28
Arsenic	7440-38-2	4.5	6.04	6.8		6.4 S		1.2		8.34 N
Barium	7440-39-3	145	107	184		149		191		210
Beryllium	7440-41-7	0.57	0.65			0.66		0.86		< 0.12
Cadmium	7440-43-9	0.2	0.25	1.45		< 0.65		< 0.62		< 0.12
Calcium	7440-70-2	2800	2960			3840		4340		3820 N
Chromium, Total	7440-47-3	219	16.7	28.3		12.6		15.6		17.2
Cobalt	7440-48-4	6.85	4.62			7.6		11.7		10.6
Copper	7440-50-8	11.6	14.5			14.1		17.1		17.2
Cyanide	57-12-5									
Iron	7439-89-6	20000	17300			16300		21800		20600 N
Lead	7439-92-1	25.5	22.5	19.5		16.3		14.3		16.6 N
Magnesium	7439-95-4	2770	2650			2480		2810		2960 N
Manganese	7439-96-5	578	326			426 N		605 N		712
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5		< 0.03		< 0.02		< 0.02
Nickel	7440-02-0	17.1	17.6			16.1		19.7		20.6
Potassium	7440-09-7	3900	2150			1710		1740		2290 N
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25		< 0.52		< 0.25		< 0.12
Silver	7440-22-4	< 1.5	< 1.5	< 1.5		< 0.65		< 0.62		< 0.51
Sodium	7440-23-5	142	94.7			113 B		287 B		154
Thallium (Soluble Salts)	7440-28-0	< 5	< 5			< 0.26		< 0.25		0.3
Vanadium	NA	40.2	24.3			17.4		21.8		28.5 *
Zinc	7440-66-6	49.5	51.7			45.7		55.3		66.2 N*
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1		< 0.1		< 0.1		< 0.08
Aroclor 1221	11104-28-2	< 1	< 1	< 1		< 0.1		< 0.1		< 0.08
Aroclor 1232	11141-16-5	< 1	< 1	< 1		< 0.1		< 0.1		< 0.08
Aroclor 1242	53469-21-9	< 1	< 1	< 1		< 0.1		< 0.1		< 0.08
Aroclor 1248	12672-29-6	< 1	< 1	< 1		< 0.1		< 0.1		< 0.08
Aroclor 1254	11097-69-1	< 1	< 1	< 1		< 0.21		< 0.21		< 0.16
Aroclor 1260	11096-82-5	< 1	< 1	< 1		< 0.21		< 0.21		< 0.16
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-181	KC91-182	KC91-183	KC92-184	KC92-184	KC92-185	KC92-185	KC92-187	KC92-187
		8/21/1991	8/22/1991	11/5/1991	3/29/1992	3/29/1992	3/30/1992	3/30/1992	6/11/1992	6/11/1992
		KC91-181S-910821-14	KC91-182S-910822-13	KC91-183S-911105-15	KC92-184S-920329-14	KC92-184S-920329-15	KC92-185S-920330-13	KC92-185S-920330-14	KC92-187S-920611-10	KC92-187S-920611-11
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-181	KC91-182	KC91-183	KC92-184	KC92-184	KC92-185	KC92-185	KC92-187	KC92-187
		8/21/1991	8/22/1991	11/5/1991	3/29/1992	3/29/1992	3/30/1992	3/30/1992	6/11/1992	6/11/1992
		KC91-181S-910821-14	KC91-182S-910822-13	KC91-183S-911105-15	KC92-184S-920329-14	KC92-184S-920329-15	KC92-185S-920330-13	KC92-185S-920330-14	KC92-187S-920611-10	KC92-187S-920611-11
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-181	KC91-182	KC91-183	KC92-184	KC92-184	KC92-185	KC92-185	KC92-187	KC92-187
		8/21/1991	8/22/1991	11/5/1991	3/29/1992	3/29/1992	3/30/1992	3/30/1992	6/11/1992	6/11/1992
		KC91-181S-910821-14	KC91-182S-910822-13	KC91-183S-911105-15	KC92-184S-920329-14	KC92-184S-920329-15	KC92-185S-920330-13	KC92-185S-920330-14	KC92-187S-920611-10	KC92-187S-920611-11
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-181	KC91-182	KC91-183	KC92-184	KC92-184	KC92-185	KC92-185	KC92-187	KC92-187
		8/21/1991	8/22/1991	11/5/1991	3/29/1992	3/29/1992	3/30/1992	3/30/1992	6/11/1992	6/11/1992
		KC91-181S-910821-14	KC91-182S-910822-13	KC91-183S-911105-15	KC92-184S-920329-14	KC92-184S-920329-15	KC92-185S-920330-13	KC92-185S-920330-14	KC92-187S-920611-10	KC92-187S-920611-11
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC91-181	KC91-182	KC91-183	KC92-184	KC92-184	KC92-185	KC92-185	KC92-187	KC92-187
		8/21/1991	8/22/1991	11/5/1991	3/29/1992	3/29/1992	3/30/1992	3/30/1992	6/11/1992	6/11/1992
		KC91-181S-910821-14	KC91-182S-910822-13	KC91-183S-911105-15	KC92-184S-920329-14	KC92-184S-920329-15	KC92-185S-920330-13	KC92-185S-920330-14	KC92-187S-920611-10	KC92-187S-920611-11
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20						
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC95-01	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-04	KC98-233	KC98-233
		10/12/1995	10/11/1995	10/11/1995	10/18/1995	10/18/1995	10/18/1995	10/13/1995	8/4/1998	8/4/1998
		KC95-01S-951012-11	KC95-02S-951011-06	KC95-02S-951011-13	KC95-03S-951018-03	KC95-03S-951018-08	KC95-03S-951018-13	KC95-04S-951013-03	KC98-233S-980804-05	KC98-233S-980804-10
VOCs										
Acetone	67-64-1	3.19 JD	5.34 JD	1.01 JD	4.7 JD	3.1 JD	12 D	11 D		
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8	< 0.418	< 0.439	< 0.462	< 0.384	< 0.394	< 0.39			
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7	< 0.418	< 0.439	< 0.462	< 0.384	< 0.394	< 0.39			
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7	< 0.418	< 0.439	< 0.462	< 0.384	< 0.394	< 0.39			
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	< 0.0063	< 0.0066	< 0.007	< 0.00581	< 0.00597	0.016	< 0.287		
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC95-01	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-04	KC98-233	KC98-233
		10/12/1995	10/11/1995	10/11/1995	10/18/1995	10/18/1995	10/18/1995	10/13/1995	8/4/1998	8/4/1998
		KC95-01S-951012-11	KC95-02S-951011-06	KC95-02S-951011-13	KC95-03S-951018-03	KC95-03S-951018-08	KC95-03S-951018-13	KC95-04S-951013-03	KC98-233S-980804-05	KC98-233S-980804-10
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3							< 5.741		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2							< 2.87		
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1	< 0.418	< 0.439	< 0.462	< 0.384	< 0.394	< 0.39			
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6							< 0.287		
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.063	< 0.066	< 0.07	< 0.0581	< 0.0597	0.027 J	< 2.87		
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9	< 0.418	< 0.439	< 0.462	< 0.384	< 0.394	0.15 J			
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7	< 0.418	< 0.439	< 0.462	0.1 J	< 0.394	0.34 J	0.008 JD		
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3	0.002 J	0.012 J	< 0.462	0.37 J	< 0.394	0.78	0.077 JD		
Benzo[a]pyrene	50-32-8	< 0.418	0.008 J	< 0.462	0.24 J	< 0.394	0.5	0.063 JD		
Benzo[b]fluoranthene	205-99-2	< 0.418	0.024 J	< 0.462	0.37 J	< 0.394	0.67	0.095 JD		
Benzo[g,h,i]perylene	191-24-2	< 0.418	< 0.439	< 0.462	< 0.384	< 0.394	0.26 J	0.03 JD		
Benzo[k]fluoranthene	207-08-9	< 0.418	< 0.439	< 0.462	0.22 J	< 0.394	0.54	0.038 JD		
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC95-01	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-04	KC98-233	KC98-233
		10/12/1995	10/11/1995	10/11/1995	10/18/1995	10/18/1995	10/18/1995	10/13/1995	8/4/1998	8/4/1998
		KC95-01S-951012-11	KC95-02S-951011-06	KC95-02S-951011-13	KC95-03S-951018-03	KC95-03S-951018-08	KC95-03S-951018-13	KC95-04S-951013-03	KC98-233S-980804-05	KC98-233S-980804-10
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.024	< 0.048	< 0.035	< 0.384	< 0.394	< 0.39	< 0.063		
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7	< 0.418	< 0.439	< 0.462	< 0.384	< 0.394	< 0.39			
Carbazole	86-74-8	< 0.418	< 0.439	< 0.462	< 0.384	< 0.394	0.13 J			
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9	< 0.418	0.009 J	< 0.462	0.28 J	< 0.394	0.54	0.062 JD		
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2	< 0.37	< 0.26	2.2 F	0.63 B	0.58 B	3.2 B	4.7 FD		
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0	0.011 J	0.018 J	< 0.462	0.92	< 0.394	1.9	0.11 JD		
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.418	< 0.439	< 0.462	< 0.384	< 0.394	0.24 J	0.028 JD		
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5	< 1.013	< 1.064	< 1.12	< 0.93	< 0.956	< 0.945			
Phenanthrene	85-01-8	< 0.418	< 0.439	< 0.462	0.46	< 0.394	1.2	0.054 JD		
Phenol	108-95-2	< 0.418	< 0.439	< 0.462	< 0.384	< 0.394	< 0.39			
Pyrene	129-00-0	0.0076 J	0.015 J	0.0065 J	0.83	< 0.394	1.6	0.099 JD		
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC95-01	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-04	KC98-233	KC98-233
		10/12/1995	10/11/1995	10/11/1995	10/18/1995	10/18/1995	10/18/1995	10/13/1995	8/4/1998	8/4/1998
		KC95-01S-951012-11	KC95-02S-951011-06	KC95-02S-951011-13	KC95-03S-951018-03	KC95-03S-951018-08	KC95-03S-951018-13	KC95-04S-951013-03	KC98-233S-980804-05	KC98-233S-980804-10
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	6550	8380	7880	8330	7910	7560	5.53		
Antimony	7440-36-0									
Arsenic	7440-38-2							< 0.011		
Barium	7440-39-3	126 J*	145 J*	175 J*	179	116	111	0.186 J*		
Beryllium	7440-41-7	< 0.63	< 0.66	< 0.7	0.66	0.65	< 0.59	0.00058		
Cadmium	7440-43-9							0.00163		
Calcium	7440-70-2	3260 J*	4200 J*	5770	3970	3010	12300	25.3 J*		
Chromium, Total	7440-47-3	9.8	10.8	10.8	13.6	10.7	12.3	0.0591		
Cobalt	7440-48-4	7.63	6.18	8.97	8.92	7.79	8.84	8.88		
Copper	7440-50-8	10.3	9.21	11.4	85.2	9.96	13.7	90.3		
Cyanide	57-12-5									
Iron	7439-89-6	11600 F	11900 F	12600 F	16300	12600	12700	9550 F		
Lead	7439-92-1	19	16	14	20.4	15.4	22.2	22		
Magnesium	7439-95-4	1540	1520	1540	2250	2060	2980	2060		
Manganese	7439-96-5	539	343	653	485	630	430	648		
Mercury	7439-97-6	< 0.06	< 0.07	< 0.07	0.11	< 0.06	< 0.059			
Nickel	7440-02-0	15.4	13.3	18.7	21.5	17	21.1	37		
Potassium	7440-09-7	990	1010	1050	1270	1290	1110	956		
Selenium	7782-49-2									
Silver	7440-22-4							2.12		
Sodium	7440-23-5	< 127	202	182	146	< 119	126	134		
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA	15.7	18.4	20.5	17	14.5	14.3	14.6		
Zinc	7440-66-6	37.7	42.1	42.1	57.4	41.4	52.4	82.2		
PCBs and Dioxins										
Aroclor 1016	12674-11-2								< 0.16	< 0.16
Aroclor 1221	11104-28-2								< 0.16	< 0.16
Aroclor 1232	11141-16-5								< 0.16	< 0.16
Aroclor 1242	53469-21-9								< 0.16	< 0.16
Aroclor 1248	12672-29-6								2.7	2.5
Aroclor 1254	11097-69-1								< 0.16	< 0.16
Aroclor 1260	11096-82-5								< 0.16	< 0.16
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC95-01	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-04	KC98-233	KC98-233
		10/12/1995	10/11/1995	10/11/1995	10/18/1995	10/18/1995	10/18/1995	10/13/1995	8/4/1998	8/4/1998
		KC95-01S-951012-11	KC95-02S-951011-06	KC95-02S-951011-13	KC95-03S-951018-03	KC95-03S-951018-08	KC95-03S-951018-13	KC95-04S-951013-03	KC98-233S-980804-05	KC98-233S-980804-10
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC95-01	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-04	KC98-233	KC98-233
		10/12/1995	10/11/1995	10/11/1995	10/18/1995	10/18/1995	10/18/1995	10/13/1995	8/4/1998	8/4/1998
		KC95-01S-951012-11	KC95-02S-951011-06	KC95-02S-951011-13	KC95-03S-951018-03	KC95-03S-951018-08	KC95-03S-951018-13	KC95-04S-951013-03	KC98-233S-980804-05	KC98-233S-980804-10
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC95-01	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-04	KC98-233	KC98-233
		10/12/1995	10/11/1995	10/11/1995	10/18/1995	10/18/1995	10/18/1995	10/13/1995	8/4/1998	8/4/1998
		KC95-01S-951012-11	KC95-02S-951011-06	KC95-02S-951011-13	KC95-03S-951018-03	KC95-03S-951018-08	KC95-03S-951018-13	KC95-04S-951013-03	KC98-233S-980804-05	KC98-233S-980804-10
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC95-01	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-04	KC98-233	KC98-233
		10/12/1995	10/11/1995	10/11/1995	10/18/1995	10/18/1995	10/18/1995	10/13/1995	8/4/1998	8/4/1998
		KC95-01S-951012-11	KC95-02S-951011-06	KC95-02S-951011-13	KC95-03S-951018-03	KC95-03S-951018-08	KC95-03S-951018-13	KC95-04S-951013-03	KC98-233S-980804-05	KC98-233S-980804-10
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC95-01	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-04	KC98-233	KC98-233
		10/12/1995	10/11/1995	10/11/1995	10/18/1995	10/18/1995	10/18/1995	10/13/1995	8/4/1998	8/4/1998
		KC95-01S-951012-11	KC95-02S-951011-06	KC95-02S-951011-13	KC95-03S-951018-03	KC95-03S-951018-08	KC95-03S-951018-13	KC95-04S-951013-03	KC98-233S-980804-05	KC98-233S-980804-10
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)										
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC98-233	MCS91BH01	MCS91BH01	MCS91BH01	MCS91BH02	MCS91BH02	MCS91BH03	MCS91BH04	MCS91BH05
		8/4/1998	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/9/1991	10/9/1991	10/9/1991
		KC98-233S-980804-15	BHMCS0009110-01-04	BHMCS0009110-01-09	BHMCS0009110-01-14	BHMCS0009110-02-09	BHMCS0009110-02-14	BHMCS0009110-03-04	BHMCS0009110-04-04	BHMCS0009110-05-04
VOCs										
Acetone	67-64-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC98-233	MCS91BH01	MCS91BH01	MCS91BH01	MCS91BH02	MCS91BH02	MCS91BH03	MCS91BH04	MCS91BH05
		8/4/1998	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/9/1991	10/9/1991	10/9/1991
		KC98-233S-980804-15	BHMCS0009110-01-04	BHMCS0009110-01-09	BHMCS0009110-01-14	BHMCS0009110-02-09	BHMCS0009110-02-14	BHMCS0009110-03-04	BHMCS0009110-04-04	BHMCS0009110-05-04
Hexanone, 2-	591-78-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01	0.032	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.01	0.015	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC98-233	MCS91BH01	MCS91BH01	MCS91BH01	MCS91BH02	MCS91BH02	MCS91BH03	MCS91BH04	MCS91BH05
		8/4/1998	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/9/1991	10/9/1991	10/9/1991
		KC98-233S-980804-15	BHMCS0009110-01-04	BHMCS0009110-01-09	BHMCS0009110-01-14	BHMCS0009110-02-09	BHMCS0009110-02-14	BHMCS0009110-03-04	BHMCS0009110-04-04	BHMCS0009110-05-04
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC98-233	MCS91BH01	MCS91BH01	MCS91BH01	MCS91BH02	MCS91BH02	MCS91BH03	MCS91BH04	MCS91BH05
		8/4/1998	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/9/1991	10/9/1991	10/9/1991
		KC98-233S-980804-15	BHMCS0009110-01-04	BHMCS0009110-01-09	BHMCS0009110-01-14	BHMCS0009110-02-09	BHMCS0009110-02-14	BHMCS0009110-03-04	BHMCS0009110-04-04	BHMCS0009110-05-04
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	0.55	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC98-233	MCS91BH01	MCS91BH01	MCS91BH01	MCS91BH02	MCS91BH02	MCS91BH03	MCS91BH04	MCS91BH05
		8/4/1998	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/9/1991	10/9/1991	10/9/1991
		KC98-233S-980804-15	BHMCS0009110-01-04	BHMCS0009110-01-09	BHMCS0009110-01-14	BHMCS0009110-02-09	BHMCS0009110-02-14	BHMCS0009110-03-04	BHMCS0009110-04-04	BHMCS0009110-05-04
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC98-233	MCS91BH01	MCS91BH01	MCS91BH01	MCS91BH02	MCS91BH02	MCS91BH03	MCS91BH04	MCS91BH05
		8/4/1998	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/9/1991	10/9/1991	10/9/1991
		KC98-233S-980804-15	BHMCS0009110-01-04	BHMCS0009110-01-09	BHMCS0009110-01-14	BHMCS0009110-02-09	BHMCS0009110-02-14	BHMCS0009110-03-04	BHMCS0009110-04-04	BHMCS0009110-05-04
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC98-233	MCS91BH01	MCS91BH01	MCS91BH01	MCS91BH02	MCS91BH02	MCS91BH03	MCS91BH04	MCS91BH05
		8/4/1998	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/9/1991	10/9/1991	10/9/1991
		KC98-233S-980804-15	BHMCS0009110-01-04	BHMCS0009110-01-09	BHMCS0009110-01-14	BHMCS0009110-02-09	BHMCS0009110-02-14	BHMCS0009110-03-04	BHMCS0009110-04-04	BHMCS0009110-05-04
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC98-233	MCS91BH01	MCS91BH01	MCS91BH01	MCS91BH02	MCS91BH02	MCS91BH03	MCS91BH04	MCS91BH05
		8/4/1998	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/9/1991	10/9/1991	10/9/1991
		KC98-233S-980804-15	BHMCS0009110-01-04	BHMCS0009110-01-09	BHMCS0009110-01-14	BHMCS0009110-02-09	BHMCS0009110-02-14	BHMCS0009110-03-04	BHMCS0009110-04-04	BHMCS0009110-05-04
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	KC98-233	MCS91BH01	MCS91BH01	MCS91BH01	MCS91BH02	MCS91BH02	MCS91BH03	MCS91BH04	MCS91BH05
		8/4/1998	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/8/1991	10/9/1991	10/9/1991	10/9/1991
		KC98-233S-980804-15	BHMCS0009110-01-04	BHMCS0009110-01-09	BHMCS0009110-01-14	BHMCS0009110-02-09	BHMCS0009110-02-14	BHMCS0009110-03-04	BHMCS0009110-04-04	BHMCS0009110-05-04
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)			85	180	< 20	< 20	< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH05	MCS91BH05	MCS91BH06	MCS91BH06	MCS91BH06	MCS91BH07	MCS91BH07	MCS91BH07	MCS91BH08
		10/9/1991	10/9/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991
		BHMCS0009110-05-09	BHMCS0009110-05-14	BHMCS0009110-06-04	BHMCS0009110-06-09	BHMCS0009110-06-14	BHMCS0009110-07-04	BHMCS0009110-07-09	BHMCS0009110-07-14	BHMCS0009110-08-04
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH05	MCS91BH05	MCS91BH06	MCS91BH06	MCS91BH06	MCS91BH07	MCS91BH07	MCS91BH07	MCS91BH08
		10/9/1991	10/9/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991
		BHMCS0009110-05-09	BHMCS0009110-05-14	BHMCS0009110-06-04	BHMCS0009110-06-09	BHMCS0009110-06-14	BHMCS0009110-07-04	BHMCS0009110-07-09	BHMCS0009110-07-14	BHMCS0009110-08-04
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	0.033	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH05	MCS91BH05	MCS91BH06	MCS91BH06	MCS91BH06	MCS91BH07	MCS91BH07	MCS91BH07	MCS91BH08
		10/9/1991	10/9/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991
		BHMCS0009110-05-09	BHMCS0009110-05-14	BHMCS0009110-06-04	BHMCS0009110-06-09	BHMCS0009110-06-14	BHMCS0009110-07-04	BHMCS0009110-07-09	BHMCS0009110-07-14	BHMCS0009110-08-04
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH05	MCS91BH05	MCS91BH06	MCS91BH06	MCS91BH06	MCS91BH07	MCS91BH07	MCS91BH07	MCS91BH08
		10/9/1991	10/9/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991
		BHMCS0009110-05-09	BHMCS0009110-05-14	BHMCS0009110-06-04	BHMCS0009110-06-09	BHMCS0009110-06-14	BHMCS0009110-07-04	BHMCS0009110-07-09	BHMCS0009110-07-14	BHMCS0009110-08-04
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH05	MCS91BH05	MCS91BH06	MCS91BH06	MCS91BH06	MCS91BH07	MCS91BH07	MCS91BH07	MCS91BH08
		10/9/1991	10/9/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991
		BHMCS0009110-05-09	BHMCS0009110-05-14	BHMCS0009110-06-04	BHMCS0009110-06-09	BHMCS0009110-06-14	BHMCS0009110-07-04	BHMCS0009110-07-09	BHMCS0009110-07-14	BHMCS0009110-08-04
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH05	MCS91BH05	MCS91BH06	MCS91BH06	MCS91BH06	MCS91BH07	MCS91BH07	MCS91BH07	MCS91BH08
		10/9/1991	10/9/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991
		BHMCS0009110-05-09	BHMCS0009110-05-14	BHMCS0009110-06-04	BHMCS0009110-06-09	BHMCS0009110-06-14	BHMCS0009110-07-04	BHMCS0009110-07-09	BHMCS0009110-07-14	BHMCS0009110-08-04
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH05	MCS91BH05	MCS91BH06	MCS91BH06	MCS91BH06	MCS91BH07	MCS91BH07	MCS91BH07	MCS91BH08
		10/9/1991	10/9/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991
		BHMCS0009110-05-09	BHMCS0009110-05-14	BHMCS0009110-06-04	BHMCS0009110-06-09	BHMCS0009110-06-14	BHMCS0009110-07-04	BHMCS0009110-07-09	BHMCS0009110-07-14	BHMCS0009110-08-04
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH05	MCS91BH05	MCS91BH06	MCS91BH06	MCS91BH06	MCS91BH07	MCS91BH07	MCS91BH07	MCS91BH08
		10/9/1991	10/9/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991
		BHMCS0009110-05-09	BHMCS0009110-05-14	BHMCS0009110-06-04	BHMCS0009110-06-09	BHMCS0009110-06-14	BHMCS0009110-07-04	BHMCS0009110-07-09	BHMCS0009110-07-14	BHMCS0009110-08-04
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH05	MCS91BH05	MCS91BH06	MCS91BH06	MCS91BH06	MCS91BH07	MCS91BH07	MCS91BH07	MCS91BH08
		10/9/1991	10/9/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991	10/10/1991
		BHMCS0009110-05-09	BHMCS0009110-05-14	BHMCS0009110-06-04	BHMCS0009110-06-09	BHMCS0009110-06-14	BHMCS0009110-07-04	BHMCS0009110-07-09	BHMCS0009110-07-14	BHMCS0009110-08-04
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	290	360	37	310	< 20	< 20	1100	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH09	MCS91BH09	MCS91BH10	MCS91BH10	MCS91BH11	MCS91BH11	MCS91BH12	MCS91BH12	MCS91BH13
		10/11/1991	10/11/1991	10/11/1991	10/11/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991
		BHMCS0009110-09-04	BHMCS0009110-09-09	BHMCS0009110-10-09	BHMCS0009110-10-14	BHMCS0009110-11-04	BHMCS0009110-11-14	BHMCS0009110-12-04	BHMCS0009110-12-14	BHMCS0009110-13-04
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH09	MCS91BH09	MCS91BH10	MCS91BH10	MCS91BH11	MCS91BH11	MCS91BH12	MCS91BH12	MCS91BH13
		10/11/1991	10/11/1991	10/11/1991	10/11/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991
		BHMCS0009110-09-04	BHMCS0009110-09-09	BHMCS0009110-10-09	BHMCS0009110-10-14	BHMCS0009110-11-04	BHMCS0009110-11-14	BHMCS0009110-12-04	BHMCS0009110-12-14	BHMCS0009110-13-04
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH09	MCS91BH09	MCS91BH10	MCS91BH10	MCS91BH11	MCS91BH11	MCS91BH12	MCS91BH12	MCS91BH13
		10/11/1991	10/11/1991	10/11/1991	10/11/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991
		BHMCS0009110-09-04	BHMCS0009110-09-09	BHMCS0009110-10-09	BHMCS0009110-10-14	BHMCS0009110-11-04	BHMCS0009110-11-14	BHMCS0009110-12-04	BHMCS0009110-12-14	BHMCS0009110-13-04
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH09	MCS91BH09	MCS91BH10	MCS91BH10	MCS91BH11	MCS91BH11	MCS91BH12	MCS91BH12	MCS91BH13
		10/11/1991	10/11/1991	10/11/1991	10/11/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991
		BHMCS0009110-09-04	BHMCS0009110-09-09	BHMCS0009110-10-09	BHMCS0009110-10-14	BHMCS0009110-11-04	BHMCS0009110-11-14	BHMCS0009110-12-04	BHMCS0009110-12-14	BHMCS0009110-13-04
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5					28100	28200	30800	22800	23200
Antimony	7440-36-0					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2					< 0.3	7	6	3.5	8.5
Barium	7440-39-3					124	124	143	114	139
Beryllium	7440-41-7					0.84	0.818	0.915	0.732	0.721
Cadmium	7440-43-9					< 0.05	0.306	0.656	0.831	< 0.05
Calcium	7440-70-2					34900	2780	3100	2560	3710
Chromium, Total	7440-47-3					30.6	28.2	32.1	23.7	21.9
Cobalt	7440-48-4					8.33	9.33	5.32	5.53	5.84
Copper	7440-50-8					36.7	11.9	13.7	12.6	12.5
Cyanide	57-12-5					< 1	< 1	< 1	< 1	< 1
Iron	7439-89-6					22700	18600	18000	16700	17800
Lead	7439-92-1					19	18	23.5	17	20.5
Magnesium	7439-95-4					6870	3090	2960	2920	3300
Manganese	7439-96-5					487	350	571	286	583
Mercury	7439-97-6					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0					26.4	19.4	23.5	18.2	14.6
Potassium	7440-09-7					7530	4470	4280	4080	2680
Selenium	7782-49-2					< 0.25	0.3	< 0.25	< 0.25	< 0.25
Silver	7440-22-4					< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5					394	196	271	87.8	405
Thallium (Soluble Salts)	7440-28-0					< 5	< 5	< 5	< 5	< 5
Vanadium	NA					37	41.4	46.4	35.4	43.7
Zinc	7440-66-6					46.7	48.9	68.8	54.6	50.1
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH09	MCS91BH09	MCS91BH10	MCS91BH10	MCS91BH11	MCS91BH11	MCS91BH12	MCS91BH12	MCS91BH13
		10/11/1991	10/11/1991	10/11/1991	10/11/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991
		BHMCS0009110-09-04	BHMCS0009110-09-09	BHMCS0009110-10-09	BHMCS0009110-10-14	BHMCS0009110-11-04	BHMCS0009110-11-14	BHMCS0009110-12-04	BHMCS0009110-12-14	BHMCS0009110-13-04
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH09	MCS91BH09	MCS91BH10	MCS91BH10	MCS91BH11	MCS91BH11	MCS91BH12	MCS91BH12	MCS91BH13
		10/11/1991	10/11/1991	10/11/1991	10/11/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991
		BHMCS0009110-09-04	BHMCS0009110-09-09	BHMCS0009110-10-09	BHMCS0009110-10-14	BHMCS0009110-11-04	BHMCS0009110-11-14	BHMCS0009110-12-04	BHMCS0009110-12-14	BHMCS0009110-13-04
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH09	MCS91BH09	MCS91BH10	MCS91BH10	MCS91BH11	MCS91BH11	MCS91BH12	MCS91BH12	MCS91BH13
		10/11/1991	10/11/1991	10/11/1991	10/11/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991
		BHMCS0009110-09-04	BHMCS0009110-09-09	BHMCS0009110-10-09	BHMCS0009110-10-14	BHMCS0009110-11-04	BHMCS0009110-11-14	BHMCS0009110-12-04	BHMCS0009110-12-14	BHMCS0009110-13-04
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH09	MCS91BH09	MCS91BH10	MCS91BH10	MCS91BH11	MCS91BH11	MCS91BH12	MCS91BH12	MCS91BH13
		10/11/1991	10/11/1991	10/11/1991	10/11/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991
		BHMCS0009110-09-04	BHMCS0009110-09-09	BHMCS0009110-10-09	BHMCS0009110-10-14	BHMCS0009110-11-04	BHMCS0009110-11-14	BHMCS0009110-12-04	BHMCS0009110-12-14	BHMCS0009110-13-04
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH09	MCS91BH09	MCS91BH10	MCS91BH10	MCS91BH11	MCS91BH11	MCS91BH12	MCS91BH12	MCS91BH13
		10/11/1991	10/11/1991	10/11/1991	10/11/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991	10/12/1991
		BHMCS0009110-09-04	BHMCS0009110-09-09	BHMCS0009110-10-09	BHMCS0009110-10-14	BHMCS0009110-11-04	BHMCS0009110-11-14	BHMCS0009110-12-04	BHMCS0009110-12-14	BHMCS0009110-13-04
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH13	MCS91BH14	MCS91BH14	MCS91BH15	MCS91BH15	MCS91BH16	MCS91BH16	MCS91BH17	MCS91BH17
		10/12/1991	10/12/1991	10/12/1991	10/13/1991	10/13/1991	10/13/1991	10/13/1991	10/14/1991	10/14/1991
		BHMCS0009110-13-14	BHMCS0009110-14-09	BHMCS0009110-14-14	BHMCS0009110-15-04	BHMCS0009110-15-14	BHMCS0009110-16-04	BHMCS0009110-16-14	BHMCS0009110-17-04	BHMCS0009110-17-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH13	MCS91BH14	MCS91BH14	MCS91BH15	MCS91BH15	MCS91BH16	MCS91BH16	MCS91BH17	MCS91BH17
		10/12/1991	10/12/1991	10/12/1991	10/13/1991	10/13/1991	10/13/1991	10/13/1991	10/14/1991	10/14/1991
		BHMCS0009110-13-14	BHMCS0009110-14-09	BHMCS0009110-14-14	BHMCS0009110-15-04	BHMCS0009110-15-14	BHMCS0009110-16-04	BHMCS0009110-16-14	BHMCS0009110-17-04	BHMCS0009110-17-09
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH13	MCS91BH14	MCS91BH14	MCS91BH15	MCS91BH15	MCS91BH16	MCS91BH16	MCS91BH17	MCS91BH17
		10/12/1991	10/12/1991	10/12/1991	10/13/1991	10/13/1991	10/13/1991	10/13/1991	10/14/1991	10/14/1991
		BHMCS0009110-13-14	BHMCS0009110-14-09	BHMCS0009110-14-14	BHMCS0009110-15-04	BHMCS0009110-15-14	BHMCS0009110-16-04	BHMCS0009110-16-14	BHMCS0009110-17-04	BHMCS0009110-17-09
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH13	MCS91BH14	MCS91BH14	MCS91BH15	MCS91BH15	MCS91BH16	MCS91BH16	MCS91BH17	MCS91BH17
		10/12/1991	10/12/1991	10/12/1991	10/13/1991	10/13/1991	10/13/1991	10/13/1991	10/14/1991	10/14/1991
		BHMCS0009110-13-14	BHMCS0009110-14-09	BHMCS0009110-14-14	BHMCS0009110-15-04	BHMCS0009110-15-14	BHMCS0009110-16-04	BHMCS0009110-16-14	BHMCS0009110-17-04	BHMCS0009110-17-09
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	18500	25100	23900	18200	18200	28500	22500	17700	27000
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	5.5	7.5	9	0.01	4.97	7.02	6.4	24	56
Barium	7440-39-3	84.9	151	140	34.7	110	152	105	152	125
Beryllium	7440-41-7	0.717	0.735	0.701	0.75	0.7	0.9	0.75	0.65	0.9
Cadmium	7440-43-9	0.126	0.688	< 0.05	< 0.05	0.65	< 0.05	0.35	< 0.05	0.95
Calcium	7440-70-2	2920	3370	3190	5700	2840	3110	2690	3600	6760
Chromium, Total	7440-47-3	21.8	26	25.8	27.7	21.1	30	26.5	19.2	30.4
Cobalt	7440-48-4	< 2.5	3.81	6.49	8.2	7.55	6.05	3.5	6.35	7.1
Copper	7440-50-8	13.5	12.6	13.5	12.4	12.6	13.2	11.9	13.1	15.9
Cyanide	57-12-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Iron	7439-89-6	15300	16900	17200	21300	19100	19100	16700	17500	21700
Lead	7439-92-1	22	20.5	20	13	17.5	24.5	22.5	20	30
Magnesium	7439-95-4	2340	2900	2990	6210	2660	2880	2370	2910	3420
Manganese	7439-96-5	258	517	553	285	443	386	323	363	375
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	19.6	18.7	18.5	27.4	21.7	22.3	19.4	22.6	22.8
Potassium	7440-09-7	2450	3690	3330	4070	2740	4340	3480	1870	4380
Selenium	7782-49-2	< 0.25	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	108	397	133	423	91.5	686	96.6	99.2	178
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	31.8	49.1	50.9	27	28.4	55	40.3	23.5	48
Zinc	7440-66-6	71.9	56.6	57.4	48.9	52.9	62.8	64.8	58	93.5
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH13	MCS91BH14	MCS91BH14	MCS91BH15	MCS91BH15	MCS91BH16	MCS91BH16	MCS91BH17	MCS91BH17
		10/12/1991	10/12/1991	10/12/1991	10/13/1991	10/13/1991	10/13/1991	10/13/1991	10/14/1991	10/14/1991
		BHMCS0009110-13-14	BHMCS0009110-14-09	BHMCS0009110-14-14	BHMCS0009110-15-04	BHMCS0009110-15-14	BHMCS0009110-16-04	BHMCS0009110-16-14	BHMCS0009110-17-04	BHMCS0009110-17-09
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
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PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH13	MCS91BH14	MCS91BH14	MCS91BH15	MCS91BH15	MCS91BH16	MCS91BH16	MCS91BH17	MCS91BH17
		10/12/1991	10/12/1991	10/12/1991	10/13/1991	10/13/1991	10/13/1991	10/13/1991	10/14/1991	10/14/1991
		BHMCS0009110-13-14	BHMCS0009110-14-09	BHMCS0009110-14-14	BHMCS0009110-15-04	BHMCS0009110-15-14	BHMCS0009110-16-04	BHMCS0009110-16-14	BHMCS0009110-17-04	BHMCS0009110-17-09
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
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PCB-097										
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PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH13	MCS91BH14	MCS91BH14	MCS91BH15	MCS91BH15	MCS91BH16	MCS91BH16	MCS91BH17	MCS91BH17
		10/12/1991	10/12/1991	10/12/1991	10/13/1991	10/13/1991	10/13/1991	10/13/1991	10/14/1991	10/14/1991
		BHMCS0009110-13-14	BHMCS0009110-14-09	BHMCS0009110-14-14	BHMCS0009110-15-04	BHMCS0009110-15-14	BHMCS0009110-16-04	BHMCS0009110-16-14	BHMCS0009110-17-04	BHMCS0009110-17-09
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH13	MCS91BH14	MCS91BH14	MCS91BH15	MCS91BH15	MCS91BH16	MCS91BH16	MCS91BH17	MCS91BH17
		10/12/1991	10/12/1991	10/12/1991	10/13/1991	10/13/1991	10/13/1991	10/13/1991	10/14/1991	10/14/1991
		BHMCS0009110-13-14	BHMCS0009110-14-09	BHMCS0009110-14-14	BHMCS0009110-15-04	BHMCS0009110-15-14	BHMCS0009110-16-04	BHMCS0009110-16-14	BHMCS0009110-17-04	BHMCS0009110-17-09
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH13	MCS91BH14	MCS91BH14	MCS91BH15	MCS91BH15	MCS91BH16	MCS91BH16	MCS91BH17	MCS91BH17
		10/12/1991	10/12/1991	10/12/1991	10/13/1991	10/13/1991	10/13/1991	10/13/1991	10/14/1991	10/14/1991
		BHMCS0009110-13-14	BHMCS0009110-14-09	BHMCS0009110-14-14	BHMCS0009110-15-04	BHMCS0009110-15-14	BHMCS0009110-16-04	BHMCS0009110-16-14	BHMCS0009110-17-04	BHMCS0009110-17-09
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH18	MCS91BH18	MCS91BH19	MCS91BH19	MCS91BH19	MCS91BH20	MCS91BH20	MCS91BH21	MCS91BH21
		10/14/1991	10/14/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/16/1991	10/16/1991
		BHMCS0009110-18-09	BHMCS0009110-18-14	BHMCS0009110-19-04	BHMCS0009110-19-09	BHMCS0009110-19-14	BHMCS0009110-20-04	BHMCS0009110-20-14	BHMCS0009110-21-04	BHMCS0009110-21-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH18	MCS91BH18	MCS91BH19	MCS91BH19	MCS91BH19	MCS91BH20	MCS91BH20	MCS91BH21	MCS91BH21
		10/14/1991	10/14/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/16/1991	10/16/1991
		BHMCS0009110-18-09	BHMCS0009110-18-14	BHMCS0009110-19-04	BHMCS0009110-19-09	BHMCS0009110-19-14	BHMCS0009110-20-04	BHMCS0009110-20-14	BHMCS0009110-21-04	BHMCS0009110-21-09
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	0.048	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH18	MCS91BH18	MCS91BH19	MCS91BH19	MCS91BH19	MCS91BH20	MCS91BH20	MCS91BH21	MCS91BH21
		10/14/1991	10/14/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/16/1991	10/16/1991
		BHMCS0009110-18-09	BHMCS0009110-18-14	BHMCS0009110-19-04	BHMCS0009110-19-09	BHMCS0009110-19-14	BHMCS0009110-20-04	BHMCS0009110-20-14	BHMCS0009110-21-04	BHMCS0009110-21-09
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH18	MCS91BH18	MCS91BH19	MCS91BH19	MCS91BH19	MCS91BH20	MCS91BH20	MCS91BH21	MCS91BH21
		10/14/1991	10/14/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/16/1991	10/16/1991
		BHMCS0009110-18-09	BHMCS0009110-18-14	BHMCS0009110-19-04	BHMCS0009110-19-09	BHMCS0009110-19-14	BHMCS0009110-20-04	BHMCS0009110-20-14	BHMCS0009110-21-04	BHMCS0009110-21-09
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	22900	15200							
Antimony	7440-36-0	< 0.5	1							
Arsenic	7440-38-2	30.5	51.5							
Barium	7440-39-3	168	119							
Beryllium	7440-41-7	0.45	0.55							
Cadmium	7440-43-9	< 0.05	< 0.05							
Calcium	7440-70-2	2240	3490							
Chromium, Total	7440-47-3	24.5	16.6							
Cobalt	7440-48-4	3.75	2.5							
Copper	7440-50-8	10.7	10.6							
Cyanide	57-12-5	< 1	< 1							
Iron	7439-89-6	15000	13700							
Lead	7439-92-1	25	30							
Magnesium	7439-95-4	2640	3160							
Manganese	7439-96-5	472	139							
Mercury	7439-97-6	< 0.5	< 0.5							
Nickel	7440-02-0	15.6	9.3							
Potassium	7440-09-7	3840	1800							
Selenium	7782-49-2	< 0.25	< 0.25							
Silver	7440-22-4	< 1.5	< 1.5							
Sodium	7440-23-5	269	81.6							
Thallium (Soluble Salts)	7440-28-0	< 5	< 5							
Vanadium	NA	46.6	28.5							
Zinc	7440-66-6	44.8	48.5							
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH18	MCS91BH18	MCS91BH19	MCS91BH19	MCS91BH19	MCS91BH20	MCS91BH20	MCS91BH21	MCS91BH21
		10/14/1991	10/14/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/16/1991	10/16/1991
		BHMCS0009110-18-09	BHMCS0009110-18-14	BHMCS0009110-19-04	BHMCS0009110-19-09	BHMCS0009110-19-14	BHMCS0009110-20-04	BHMCS0009110-20-14	BHMCS0009110-21-04	BHMCS0009110-21-09
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
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PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH18	MCS91BH18	MCS91BH19	MCS91BH19	MCS91BH19	MCS91BH20	MCS91BH20	MCS91BH21	MCS91BH21
		10/14/1991	10/14/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/16/1991	10/16/1991
		BHMCS0009110-18-09	BHMCS0009110-18-14	BHMCS0009110-19-04	BHMCS0009110-19-09	BHMCS0009110-19-14	BHMCS0009110-20-04	BHMCS0009110-20-14	BHMCS0009110-21-04	BHMCS0009110-21-09
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH18	MCS91BH18	MCS91BH19	MCS91BH19	MCS91BH19	MCS91BH20	MCS91BH20	MCS91BH21	MCS91BH21
		10/14/1991	10/14/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/16/1991	10/16/1991
		BHMCS0009110-18-09	BHMCS0009110-18-14	BHMCS0009110-19-04	BHMCS0009110-19-09	BHMCS0009110-19-14	BHMCS0009110-20-04	BHMCS0009110-20-14	BHMCS0009110-21-04	BHMCS0009110-21-09
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH18	MCS91BH18	MCS91BH19	MCS91BH19	MCS91BH19	MCS91BH20	MCS91BH20	MCS91BH21	MCS91BH21
		10/14/1991	10/14/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/16/1991	10/16/1991
		BHMCS0009110-18-09	BHMCS0009110-18-14	BHMCS0009110-19-04	BHMCS0009110-19-09	BHMCS0009110-19-14	BHMCS0009110-20-04	BHMCS0009110-20-14	BHMCS0009110-21-04	BHMCS0009110-21-09
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH18	MCS91BH18	MCS91BH19	MCS91BH19	MCS91BH19	MCS91BH20	MCS91BH20	MCS91BH21	MCS91BH21
		10/14/1991	10/14/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/15/1991	10/16/1991	10/16/1991
		BHMCS0009110-18-09	BHMCS0009110-18-14	BHMCS0009110-19-04	BHMCS0009110-19-09	BHMCS0009110-19-14	BHMCS0009110-20-04	BHMCS0009110-20-14	BHMCS0009110-21-04	BHMCS0009110-21-09
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	1300
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH21	MCS91BH22	MCS91BH22	MCS91BH23	MCS91BH23	MCS91BH24	MCS91BH24	MCS91BH25	MCS91BH25
		10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/17/1991	10/17/1991	10/17/1991	10/17/1991
		BHMCS0009110-21-14	BHMCS0009110-22-04	BHMCS0009110-22-14	BHMCS0009110-23-04	BHMCS0009110-23-14	BHMCS0009110-24-04	BHMCS0009110-24-14	BHMCS0009110-25-04	BHMCS0009110-25-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH21	MCS91BH22	MCS91BH22	MCS91BH23	MCS91BH23	MCS91BH24	MCS91BH24	MCS91BH25	MCS91BH25
		10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/17/1991	10/17/1991	10/17/1991	10/17/1991
		BHMCS0009110-21-14	BHMCS0009110-22-04	BHMCS0009110-22-14	BHMCS0009110-23-04	BHMCS0009110-23-14	BHMCS0009110-24-04	BHMCS0009110-24-14	BHMCS0009110-25-04	BHMCS0009110-25-09
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH21	MCS91BH22	MCS91BH22	MCS91BH23	MCS91BH23	MCS91BH24	MCS91BH24	MCS91BH25	MCS91BH25
		10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/17/1991	10/17/1991	10/17/1991	10/17/1991
		BHMCS0009110-21-14	BHMCS0009110-22-04	BHMCS0009110-22-14	BHMCS0009110-23-04	BHMCS0009110-23-14	BHMCS0009110-24-04	BHMCS0009110-24-14	BHMCS0009110-25-04	BHMCS0009110-25-09
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH21	MCS91BH22	MCS91BH22	MCS91BH23	MCS91BH23	MCS91BH24	MCS91BH24	MCS91BH25	MCS91BH25
		10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/17/1991	10/17/1991	10/17/1991	10/17/1991
		BHMCS0009110-21-14	BHMCS0009110-22-04	BHMCS0009110-22-14	BHMCS0009110-23-04	BHMCS0009110-23-14	BHMCS0009110-24-04	BHMCS0009110-24-14	BHMCS0009110-25-04	BHMCS0009110-25-09
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH21	MCS91BH22	MCS91BH22	MCS91BH23	MCS91BH23	MCS91BH24	MCS91BH24	MCS91BH25	MCS91BH25
		10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/17/1991	10/17/1991	10/17/1991	10/17/1991
		BHMCS0009110-21-14	BHMCS0009110-22-04	BHMCS0009110-22-14	BHMCS0009110-23-04	BHMCS0009110-23-14	BHMCS0009110-24-04	BHMCS0009110-24-14	BHMCS0009110-25-04	BHMCS0009110-25-09
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH21	MCS91BH22	MCS91BH22	MCS91BH23	MCS91BH23	MCS91BH24	MCS91BH24	MCS91BH25	MCS91BH25
		10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/17/1991	10/17/1991	10/17/1991	10/17/1991
		BHMCS0009110-21-14	BHMCS0009110-22-04	BHMCS0009110-22-14	BHMCS0009110-23-04	BHMCS0009110-23-14	BHMCS0009110-24-04	BHMCS0009110-24-14	BHMCS0009110-25-04	BHMCS0009110-25-09
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH21	MCS91BH22	MCS91BH22	MCS91BH23	MCS91BH23	MCS91BH24	MCS91BH24	MCS91BH25	MCS91BH25
		10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/17/1991	10/17/1991	10/17/1991	10/17/1991
		BHMCS0009110-21-14	BHMCS0009110-22-04	BHMCS0009110-22-14	BHMCS0009110-23-04	BHMCS0009110-23-14	BHMCS0009110-24-04	BHMCS0009110-24-14	BHMCS0009110-25-04	BHMCS0009110-25-09
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH21	MCS91BH22	MCS91BH22	MCS91BH23	MCS91BH23	MCS91BH24	MCS91BH24	MCS91BH25	MCS91BH25
		10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/17/1991	10/17/1991	10/17/1991	10/17/1991
		BHMCS0009110-21-14	BHMCS0009110-22-04	BHMCS0009110-22-14	BHMCS0009110-23-04	BHMCS0009110-23-14	BHMCS0009110-24-04	BHMCS0009110-24-14	BHMCS0009110-25-04	BHMCS0009110-25-09
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH21	MCS91BH22	MCS91BH22	MCS91BH23	MCS91BH23	MCS91BH24	MCS91BH24	MCS91BH25	MCS91BH25
		10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/16/1991	10/17/1991	10/17/1991	10/17/1991	10/17/1991
		BHMCS0009110-21-14	BHMCS0009110-22-04	BHMCS0009110-22-14	BHMCS0009110-23-04	BHMCS0009110-23-14	BHMCS0009110-24-04	BHMCS0009110-24-14	BHMCS0009110-25-04	BHMCS0009110-25-09
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		49	< 20	< 20	< 20	32	< 20	< 20	< 20	440
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH25	MCS91BH26	MCS91BH26	MCS91BH27	MCS91BH28	MCS91BH29	MCS91BH30	MCS91BH30	MCS91BH31
		10/17/1991	10/29/1991	10/29/1991	10/30/1991	10/30/1991	10/31/1991	10/31/1991	10/31/1991	11/1/1991
		BHMCS0009110-25-14	BHMCS0009110-26-04	BHMCS0009110-26-14	BHMCS0009110-27-08	BHMCS0009110-28-09	BHMCS0009110-29-14	BHMCS0009110-30-09	BHMCS0009110-30-14	BHMCS0009111-31-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									< 0.33
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									< 0.33
Chlorophenol, 2-	95-57-8									< 0.33
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									< 0.33
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									< 0.33

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH25	MCS91BH26	MCS91BH26	MCS91BH27	MCS91BH28	MCS91BH29	MCS91BH30	MCS91BH30	MCS91BH31
		10/17/1991	10/29/1991	10/29/1991	10/30/1991	10/30/1991	10/31/1991	10/31/1991	10/31/1991	11/1/1991
		BHMCS0009110-25-14	BHMCS0009110-26-04	BHMCS0009110-26-14	BHMCS0009110-27-08	BHMCS0009110-28-09	BHMCS0009110-29-14	BHMCS0009110-30-09	BHMCS0009110-30-14	BHMCS0009111-31-09
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									< 0.33
Nitrobenzene	98-95-3									< 0.33
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									< 0.33
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									< 0.33
Acenaphthylene	208-96-8									< 0.33
Aniline	62-53-3									< 0.33
Anthracene	120-12-7									< 0.33
Benzidine	92-87-5									< 1.6
Benzo[a]anthracene	56-55-3									< 0.33
Benzo[a]pyrene	50-32-8									< 0.33
Benzo[b]fluoranthene	205-99-2									< 0.33
Benzo[g,h,i]perylene	191-24-2									< 0.33
Benzo[k]fluoranthene	207-08-9									< 0.33
Benzoic Acid	65-85-0									< 1.6
Benzyl Alcohol	100-51-6									< 0.33
Bis(2-chloroethoxy)methane	111-91-1									< 0.33
bis(2-Chloroisopropyl)ether	39638-32-9									< 0.33

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH25	MCS91BH26	MCS91BH26	MCS91BH27	MCS91BH28	MCS91BH29	MCS91BH30	MCS91BH30	MCS91BH31
		10/17/1991	10/29/1991	10/29/1991	10/30/1991	10/30/1991	10/31/1991	10/31/1991	10/31/1991	11/1/1991
		BHMCS0009110-25-14	BHMCS0009110-26-04	BHMCS0009110-26-14	BHMCS0009110-27-08	BHMCS0009110-28-09	BHMCS0009110-29-14	BHMCS0009110-30-09	BHMCS0009110-30-14	BHMCS0009111-31-09
Bis(2-ethylhexyl)phthalate	117-81-7									< 0.33
Bromophenyl phenyl ether, 4-	101-55-3									< 0.33
Butyl Benzyl Phthlate	85-68-7									< 0.33
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									< 0.33
Chlorophenyl-phenylether, 4-	7005-72-3									< 0.33
Chrysene	218-01-9									< 0.33
Cresol, 3&4-										
Cresol, o-	95-48-7									< 0.33
Cresol, p-	106-44-5									< 0.33
Dibenz[a,h]anthracene	53-70-3									< 0.33
Dibenzofuran	132-64-9									< 0.33
Dibutyl Phthalate	84-74-2									< 0.33
Dichlorobenzidine, 3,3'-	91-94-1									< 0.66
Dichlorophenol, 2,4-	120-83-2									< 0.33
Diethyl Phthalate	84-66-2									< 0.33
Dimethyl phthalate	131-11-3									< 0.33
Dimethylphenol, 2,4-	105-67-9									< 0.33
Dinitro-o-cresol, 4,6-	534-52-1									< 1.6
Dinitrophenol, 2,4-	51-28-5									< 1.6
Dinitrotoluene, 2,4-	121-14-2									< 0.33
Dinitrotoluene, 2,6-	606-20-2									< 0.33
Di-n-octylphthalate										< 0.33
Diphenylhydrazine, 1,2-	122-66-7									< 0.33
Fluoranthene	206-44-0									< 0.33
Fluorene	86-73-7									< 0.33
Hexachlorobenzene	118-74-1									< 0.33
Hexachlorocyclopentadiene	77-47-4									< 0.33
Hexachloroethane	67-72-1									< 0.33
Indeno[1,2,3-cd]pyrene	193-39-5									< 0.33
Isophorone	78-59-1									< 0.33
Methylnaphthalene, 2-	91-57-6									< 0.33
Nitroaniline, 2-	88-74-4									< 1.6
Nitroaniline, 3-	99-09-2									< 1.6
Nitroaniline, 4-	100-01-6									< 1.6
Nitrophenol, 2-	88-75-5									< 0.33
Nitrophenol, 4-	100-02-7									< 1.6
Nitrosodimethylamine, N-	62-75-9									< 0.33
Nitroso-di-N-propylamine, N-	621-64-7									< 0.33
Nitrosodiphenylamine, N-	86-30-6									< 0.33
Pentachlorophenol	87-86-5									< 1.6
Phenanthrene	85-01-8									< 0.33
Phenol	108-95-2									< 0.33
Pyrene	129-00-0									< 0.33
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									< 1.6

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH25	MCS91BH26	MCS91BH26	MCS91BH27	MCS91BH28	MCS91BH29	MCS91BH30	MCS91BH30	MCS91BH31
		10/17/1991	10/29/1991	10/29/1991	10/30/1991	10/30/1991	10/31/1991	10/31/1991	10/31/1991	11/1/1991
		BHMCS0009110-25-14	BHMCS0009110-26-04	BHMCS0009110-26-14	BHMCS0009110-27-08	BHMCS0009110-28-09	BHMCS0009110-29-14	BHMCS0009110-30-09	BHMCS0009110-30-14	BHMCS0009111-31-09
Trichlorophenol, 2,4,6-	88-06-2									< 0.33
Metals and Inorganics										
Aluminum	7429-90-5									21700
Antimony	7440-36-0									< 0.5
Arsenic	7440-38-2									6.65
Barium	7440-39-3									190
Beryllium	7440-41-7									0.75
Cadmium	7440-43-9									< 0.05
Calcium	7440-70-2									3520
Chromium, Total	7440-47-3									25.5
Cobalt	7440-48-4									12.1
Copper	7440-50-8									15.2
Cyanide	57-12-5									
Iron	7439-89-6									20400
Lead	7439-92-1									23
Magnesium	7439-95-4									2180
Manganese	7439-96-5									1100
Mercury	7439-97-6									< 0.5
Nickel	7440-02-0									29.2
Potassium	7440-09-7									2700
Selenium	7782-49-2									< 0.25
Silver	7440-22-4									< 1.5
Sodium	7440-23-5									88
Thallium (Soluble Salts)	7440-28-0									< 5
Vanadium	NA									36.9
Zinc	7440-66-6									52.3
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	1.2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH25	MCS91BH26	MCS91BH26	MCS91BH27	MCS91BH28	MCS91BH29	MCS91BH30	MCS91BH30	MCS91BH31
		10/17/1991	10/29/1991	10/29/1991	10/30/1991	10/30/1991	10/31/1991	10/31/1991	10/31/1991	11/1/1991
		BHMCS0009110-25-14	BHMCS0009110-26-04	BHMCS0009110-26-14	BHMCS0009110-27-08	BHMCS0009110-28-09	BHMCS0009110-29-14	BHMCS0009110-30-09	BHMCS0009110-30-14	BHMCS0009111-31-09
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH25	MCS91BH26	MCS91BH26	MCS91BH27	MCS91BH28	MCS91BH29	MCS91BH30	MCS91BH30	MCS91BH31
		10/17/1991	10/29/1991	10/29/1991	10/30/1991	10/30/1991	10/31/1991	10/31/1991	10/31/1991	11/1/1991
		BHMCS0009110-25-14	BHMCS0009110-26-04	BHMCS0009110-26-14	BHMCS0009110-27-08	BHMCS0009110-28-09	BHMCS0009110-29-14	BHMCS0009110-30-09	BHMCS0009110-30-14	BHMCS0009111-31-09
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH25	MCS91BH26	MCS91BH26	MCS91BH27	MCS91BH28	MCS91BH29	MCS91BH30	MCS91BH30	MCS91BH31
		10/17/1991	10/29/1991	10/29/1991	10/30/1991	10/30/1991	10/31/1991	10/31/1991	10/31/1991	11/1/1991
		BHMCS0009110-25-14	BHMCS0009110-26-04	BHMCS0009110-26-14	BHMCS0009110-27-08	BHMCS0009110-28-09	BHMCS0009110-29-14	BHMCS0009110-30-09	BHMCS0009110-30-14	BHMCS0009111-31-09
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH25	MCS91BH26	MCS91BH26	MCS91BH27	MCS91BH28	MCS91BH29	MCS91BH30	MCS91BH30	MCS91BH31
		10/17/1991	10/29/1991	10/29/1991	10/30/1991	10/30/1991	10/31/1991	10/31/1991	10/31/1991	11/1/1991
		BHMCS0009110-25-14	BHMCS0009110-26-04	BHMCS0009110-26-14	BHMCS0009110-27-08	BHMCS0009110-28-09	BHMCS0009110-29-14	BHMCS0009110-30-09	BHMCS0009110-30-14	BHMCS0009111-31-09
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH25	MCS91BH26	MCS91BH26	MCS91BH27	MCS91BH28	MCS91BH29	MCS91BH30	MCS91BH30	MCS91BH31
		10/17/1991	10/29/1991	10/29/1991	10/30/1991	10/30/1991	10/31/1991	10/31/1991	10/31/1991	11/1/1991
		BHMCS0009110-25-14	BHMCS0009110-26-04	BHMCS0009110-26-14	BHMCS0009110-27-08	BHMCS0009110-28-09	BHMCS0009110-29-14	BHMCS0009110-30-09	BHMCS0009110-30-14	BHMCS0009111-31-09
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH31	MCS91BH32	MCS91BH32	MCS91BH33	MCS91BH33	MCS92BH34	MCS92BH34	MCS92BH35	MCS92BH35
		11/1/1991	11/1/1991	11/1/1991	11/2/1991	11/2/1991	1/14/1992	1/14/1992	1/14/1992	1/14/1992
		BHMCS0009111-31-14	BHMCS0009111-32-09	BHMCS0009111-32-14	BHMCS0009111-33-09	BHMCS0009111-33-14	BHMCS0009201-34-04	BHMCS0009201-34-14	BHMCS0009201-35-04	BHMCS0009201-35-14
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Chlorophenol, 2-	95-57-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.33	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH31	MCS91BH32	MCS91BH32	MCS91BH33	MCS91BH33	MCS92BH34	MCS92BH34	MCS92BH35	MCS92BH35
		11/1/1991	11/1/1991	11/1/1991	11/2/1991	11/2/1991	1/14/1992	1/14/1992	1/14/1992	1/14/1992
		BHMCS0009111-31-14	BHMCS0009111-32-09	BHMCS0009111-32-14	BHMCS0009111-33-09	BHMCS0009111-33-14	BHMCS0009201-34-04	BHMCS0009201-34-14	BHMCS0009201-35-04	BHMCS0009201-35-14
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Nitrobenzene	98-95-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Acenaphthylene	208-96-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Aniline	62-53-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Anthracene	120-12-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Benzidine	92-87-5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6				
Benzo[a]anthracene	56-55-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Benzo[a]pyrene	50-32-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Benzo[b]fluoranthene	205-99-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Benzo[g,h,i]perylene	191-24-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Benzo[k]fluoranthene	207-08-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Benzoic Acid	65-85-0	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6				
Benzyl Alcohol	100-51-6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Bis(2-chloroethoxy)methane	111-91-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH31	MCS91BH32	MCS91BH32	MCS91BH33	MCS91BH33	MCS92BH34	MCS92BH34	MCS92BH35	MCS92BH35
		11/1/1991	11/1/1991	11/1/1991	11/2/1991	11/2/1991	1/14/1992	1/14/1992	1/14/1992	1/14/1992
		BHMCS0009111-31-14	BHMCS0009111-32-09	BHMCS0009111-32-14	BHMCS0009111-33-09	BHMCS0009111-33-14	BHMCS0009201-34-04	BHMCS0009201-34-14	BHMCS0009201-35-04	BHMCS0009201-35-14
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Bromophenyl phenyl ether, 4-	101-55-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Butyl Benzyl Phthlate	85-68-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Chrysene	218-01-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Cresol, 3&4-										
Cresol, o-	95-48-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Cresol, p-	106-44-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Dibenz[a,h]anthracene	53-70-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Dibenzofuran	132-64-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Dibutyl Phthalate	84-74-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Dichlorobenzidine, 3,3'-	91-94-1	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66				
Dichlorophenol, 2,4-	120-83-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Diethyl Phthalate	84-66-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Dimethyl phthalate	131-11-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Dimethylphenol, 2,4-	105-67-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Dinitro-o-cresol, 4,6-	534-52-1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6				
Dinitrophenol, 2,4-	51-28-5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6				
Dinitrotoluene, 2,4-	121-14-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Dinitrotoluene, 2,6-	606-20-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Di-n-octylphthalate		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Diphenylhydrazine, 1,2-	122-66-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Fluoranthene	206-44-0	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Fluorene	86-73-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Hexachlorobenzene	118-74-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Hexachlorocyclopentadiene	77-47-4	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Hexachloroethane	67-72-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Isophorone	78-59-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Methylnaphthalene, 2-	91-57-6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Nitroaniline, 2-	88-74-4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6				
Nitroaniline, 3-	99-09-2	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6				
Nitroaniline, 4-	100-01-6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6				
Nitrophenol, 2-	88-75-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Nitrophenol, 4-	100-02-7	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6				
Nitrosodimethylamine, N-	62-75-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Nitroso-di-N-propylamine, N-	621-64-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Nitrosodiphenylamine, N-	86-30-6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Pentachlorophenol	87-86-5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6				
Phenanthrene	85-01-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Phenol	108-95-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Pyrene	129-00-0	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6				

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH31	MCS91BH32	MCS91BH32	MCS91BH33	MCS91BH33	MCS92BH34	MCS92BH34	MCS92BH35	MCS92BH35
		11/1/1991	11/1/1991	11/1/1991	11/2/1991	11/2/1991	1/14/1992	1/14/1992	1/14/1992	1/14/1992
		BHMCS0009111-31-14	BHMCS0009111-32-09	BHMCS0009111-32-14	BHMCS0009111-33-09	BHMCS0009111-33-14	BHMCS0009201-34-04	BHMCS0009201-34-14	BHMCS0009201-35-04	BHMCS0009201-35-14
Trichlorophenol, 2,4,6-	88-06-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33				
Metals and Inorganics										
Aluminum	7429-90-5	15200	19000	20500	18600	21700				
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				
Arsenic	7440-38-2	< 0.3	< 0.3	15.25	3.5	3.7				
Barium	7440-39-3	94	187	305	135	117				
Beryllium	7440-41-7	0.65	0.75	0.75	0.75	0.8				
Cadmium	7440-43-9	< 0.05	< 0.05	0.2	< 0.05	< 0.05				
Calcium	7440-70-2	4140	5830	4740	5330	4970				
Chromium, Total	7440-47-3	16.2	20.4	20.1	19.3	22.2				
Cobalt	7440-48-4	3.95	5.25	26.2	3.85	4.8				
Copper	7440-50-8	11.4	12.4	15.3	12.8	13.2				
Cyanide	57-12-5									
Iron	7439-89-6	14800	14200	19900	15700	18500				
Lead	7439-92-1	15.5	16.5	24.5	17	19				
Magnesium	7439-95-4	2430	2360	2700	2630	3030				
Manganese	7439-96-5	200	378	1230	307	197				
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				
Nickel	7440-02-0	11.1	14.5	25	15.4	14.2				
Potassium	7440-09-7	1860	2050	2690	1630	2680				
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25				
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5				
Sodium	7440-23-5	70.4	93.1	99.7	88.7	89.8				
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5				
Vanadium	NA	18.5	23.6	34.9	26.9	30.7				
Zinc	7440-66-6	54.8	54.2	57.2	52.8	57.9				
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH31	MCS91BH32	MCS91BH32	MCS91BH33	MCS91BH33	MCS92BH34	MCS92BH34	MCS92BH35	MCS92BH35
		11/1/1991	11/1/1991	11/1/1991	11/2/1991	11/2/1991	1/14/1992	1/14/1992	1/14/1992	1/14/1992
		BHMCS0009111-31-14	BHMCS0009111-32-09	BHMCS0009111-32-14	BHMCS0009111-33-09	BHMCS0009111-33-14	BHMCS0009201-34-04	BHMCS0009201-34-14	BHMCS0009201-35-04	BHMCS0009201-35-14
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH31	MCS91BH32	MCS91BH32	MCS91BH33	MCS91BH33	MCS92BH34	MCS92BH34	MCS92BH35	MCS92BH35
		11/1/1991	11/1/1991	11/1/1991	11/2/1991	11/2/1991	1/14/1992	1/14/1992	1/14/1992	1/14/1992
		BHMCS0009111-31-14	BHMCS0009111-32-09	BHMCS0009111-32-14	BHMCS0009111-33-09	BHMCS0009111-33-14	BHMCS0009201-34-04	BHMCS0009201-34-14	BHMCS0009201-35-04	BHMCS0009201-35-14
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH31	MCS91BH32	MCS91BH32	MCS91BH33	MCS91BH33	MCS92BH34	MCS92BH34	MCS92BH35	MCS92BH35
		11/1/1991	11/1/1991	11/1/1991	11/2/1991	11/2/1991	1/14/1992	1/14/1992	1/14/1992	1/14/1992
		BHMCS0009111-31-14	BHMCS0009111-32-09	BHMCS0009111-32-14	BHMCS0009111-33-09	BHMCS0009111-33-14	BHMCS0009201-34-04	BHMCS0009201-34-14	BHMCS0009201-35-04	BHMCS0009201-35-14
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH31	MCS91BH32	MCS91BH32	MCS91BH33	MCS91BH33	MCS92BH34	MCS92BH34	MCS92BH35	MCS92BH35
		11/1/1991	11/1/1991	11/1/1991	11/2/1991	11/2/1991	1/14/1992	1/14/1992	1/14/1992	1/14/1992
		BHMCS0009111-31-14	BHMCS0009111-32-09	BHMCS0009111-32-14	BHMCS0009111-33-09	BHMCS0009111-33-14	BHMCS0009201-34-04	BHMCS0009201-34-14	BHMCS0009201-35-04	BHMCS0009201-35-14
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS91BH31	MCS91BH32	MCS91BH32	MCS91BH33	MCS91BH33	MCS92BH34	MCS92BH34	MCS92BH35	MCS92BH35
		11/1/1991	11/1/1991	11/1/1991	11/2/1991	11/2/1991	1/14/1992	1/14/1992	1/14/1992	1/14/1992
		BHMCS0009111-31-14	BHMCS0009111-32-09	BHMCS0009111-32-14	BHMCS0009111-33-09	BHMCS0009111-33-14	BHMCS0009201-34-04	BHMCS0009201-34-14	BHMCS0009201-35-04	BHMCS0009201-35-14
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 40	< 40	< 40	< 40
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH36	MCS92BH36	MCS92BH37	MCS92BH37	MCS92BH37	MCS92BH38	MCS92BH38	MCS92BH38	MCS92BH39
		1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/17/1992	1/17/1992	1/17/1992	1/18/1992
		BHMCS0009201-36-09	BHMCS0009201-36-14	BHMCS0009201-37-04	BHMCS0009201-37-09	BHMCS0009201-37-14	BHMCS0009201-38-04	BHMCS0009201-38-09	BHMCS0009201-38-14	BHMCS0009201-39-04
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.5	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.5	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.5	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH36	MCS92BH36	MCS92BH37	MCS92BH37	MCS92BH37	MCS92BH38	MCS92BH38	MCS92BH38	MCS92BH39
		1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/17/1992	1/17/1992	1/17/1992	1/18/1992
		BHMCS0009201-36-09	BHMCS0009201-36-14	BHMCS0009201-37-04	BHMCS0009201-37-09	BHMCS0009201-37-14	BHMCS0009201-38-04	BHMCS0009201-38-09	BHMCS0009201-38-14	BHMCS0009201-39-04
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.5	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH36	MCS92BH36	MCS92BH37	MCS92BH37	MCS92BH37	MCS92BH38	MCS92BH38	MCS92BH38	MCS92BH39
		1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/17/1992	1/17/1992	1/17/1992	1/18/1992
		BHMCS0009201-36-09	BHMCS0009201-36-14	BHMCS0009201-37-04	BHMCS0009201-37-09	BHMCS0009201-37-14	BHMCS0009201-38-04	BHMCS0009201-38-09	BHMCS0009201-38-14	BHMCS0009201-39-04
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH36	MCS92BH36	MCS92BH37	MCS92BH37	MCS92BH37	MCS92BH38	MCS92BH38	MCS92BH38	MCS92BH39
		1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/17/1992	1/17/1992	1/17/1992	1/18/1992
		BHMCS0009201-36-09	BHMCS0009201-36-14	BHMCS0009201-37-04	BHMCS0009201-37-09	BHMCS0009201-37-14	BHMCS0009201-38-04	BHMCS0009201-38-09	BHMCS0009201-38-14	BHMCS0009201-39-04
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH36	MCS92BH36	MCS92BH37	MCS92BH37	MCS92BH37	MCS92BH38	MCS92BH38	MCS92BH38	MCS92BH39
		1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/17/1992	1/17/1992	1/17/1992	1/18/1992
		BHMCS0009201-36-09	BHMCS0009201-36-14	BHMCS0009201-37-04	BHMCS0009201-37-09	BHMCS0009201-37-14	BHMCS0009201-38-04	BHMCS0009201-38-09	BHMCS0009201-38-14	BHMCS0009201-39-04
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH36	MCS92BH36	MCS92BH37	MCS92BH37	MCS92BH37	MCS92BH38	MCS92BH38	MCS92BH38	MCS92BH39
		1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/17/1992	1/17/1992	1/17/1992	1/18/1992
		BHMCS0009201-36-09	BHMCS0009201-36-14	BHMCS0009201-37-04	BHMCS0009201-37-09	BHMCS0009201-37-14	BHMCS0009201-38-04	BHMCS0009201-38-09	BHMCS0009201-38-14	BHMCS0009201-39-04
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH36	MCS92BH36	MCS92BH37	MCS92BH37	MCS92BH37	MCS92BH38	MCS92BH38	MCS92BH38	MCS92BH39
		1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/17/1992	1/17/1992	1/17/1992	1/18/1992
		BHMCS0009201-36-09	BHMCS0009201-36-14	BHMCS0009201-37-04	BHMCS0009201-37-09	BHMCS0009201-37-14	BHMCS0009201-38-04	BHMCS0009201-38-09	BHMCS0009201-38-14	BHMCS0009201-39-04
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH36	MCS92BH36	MCS92BH37	MCS92BH37	MCS92BH37	MCS92BH38	MCS92BH38	MCS92BH38	MCS92BH39
		1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/17/1992	1/17/1992	1/17/1992	1/18/1992
		BHMCS0009201-36-09	BHMCS0009201-36-14	BHMCS0009201-37-04	BHMCS0009201-37-09	BHMCS0009201-37-14	BHMCS0009201-38-04	BHMCS0009201-38-09	BHMCS0009201-38-14	BHMCS0009201-39-04
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH36	MCS92BH36	MCS92BH37	MCS92BH37	MCS92BH37	MCS92BH38	MCS92BH38	MCS92BH38	MCS92BH39
		1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/16/1992	1/17/1992	1/17/1992	1/17/1992	1/18/1992
		BHMCS0009201-36-09	BHMCS0009201-36-14	BHMCS0009201-37-04	BHMCS0009201-37-09	BHMCS0009201-37-14	BHMCS0009201-38-04	BHMCS0009201-38-09	BHMCS0009201-38-14	BHMCS0009201-39-04
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 10	< 10	< 10	< 10	10	< 20	2200	530	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH39	MCS92BH40	MCS92BH40	MCS92BH40	MCS92BH41	MCS92BH41	MCS92BH41	MCS92BH42	MCS92BH42
		1/18/1992	1/18/1992	1/18/1992	1/18/1992	1/19/1992	1/19/1992	1/19/1992	1/20/1992	1/20/1992
		BHMCS0009201-39-09	BHMCS0009201-40-04	BHMCS0009201-40-09	BHMCS0009201-40-14	BHMCS0009201-41-04	BHMCS0009201-41-09	BHMCS0009201-41-14	BHMCS0009201-42-04	BHMCS0009201-42-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	0.024	1.1	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH39	MCS92BH40	MCS92BH40	MCS92BH40	MCS92BH41	MCS92BH41	MCS92BH41	MCS92BH42	MCS92BH42
		1/18/1992	1/18/1992	1/18/1992	1/18/1992	1/19/1992	1/19/1992	1/19/1992	1/20/1992	1/20/1992
		BHMCS0009201-39-09	BHMCS0009201-40-04	BHMCS0009201-40-09	BHMCS0009201-40-14	BHMCS0009201-41-04	BHMCS0009201-41-09	BHMCS0009201-41-14	BHMCS0009201-42-04	BHMCS0009201-42-09
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 0.01	< 0.01	< 0.01
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Aniline	62-53-3									
Anthracene	120-12-7									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH39	MCS92BH40	MCS92BH40	MCS92BH40	MCS92BH41	MCS92BH41	MCS92BH41	MCS92BH42	MCS92BH42
		1/18/1992	1/18/1992	1/18/1992	1/18/1992	1/19/1992	1/19/1992	1/19/1992	1/20/1992	1/20/1992
		BHMCS0009201-39-09	BHMCS0009201-40-04	BHMCS0009201-40-09	BHMCS0009201-40-14	BHMCS0009201-41-04	BHMCS0009201-41-09	BHMCS0009201-41-14	BHMCS0009201-42-04	BHMCS0009201-42-09
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Diphenylhydrazine, 1,2-	122-66-7									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Pyridine	110-86-1									
Trichlorophenol, 2,4,5-	95-95-4									

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH39	MCS92BH40	MCS92BH40	MCS92BH40	MCS92BH41	MCS92BH41	MCS92BH41	MCS92BH42	MCS92BH42
		1/18/1992	1/18/1992	1/18/1992	1/18/1992	1/19/1992	1/19/1992	1/19/1992	1/20/1992	1/20/1992
		BHMCS0009201-39-09	BHMCS0009201-40-04	BHMCS0009201-40-09	BHMCS0009201-40-14	BHMCS0009201-41-04	BHMCS0009201-41-09	BHMCS0009201-41-14	BHMCS0009201-42-04	BHMCS0009201-42-09
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH39	MCS92BH40	MCS92BH40	MCS92BH40	MCS92BH41	MCS92BH41	MCS92BH41	MCS92BH42	MCS92BH42
		1/18/1992	1/18/1992	1/18/1992	1/18/1992	1/19/1992	1/19/1992	1/19/1992	1/20/1992	1/20/1992
		BHMCS0009201-39-09	BHMCS0009201-40-04	BHMCS0009201-40-09	BHMCS0009201-40-14	BHMCS0009201-41-04	BHMCS0009201-41-09	BHMCS0009201-41-14	BHMCS0009201-42-04	BHMCS0009201-42-09
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH39	MCS92BH40	MCS92BH40	MCS92BH40	MCS92BH41	MCS92BH41	MCS92BH41	MCS92BH42	MCS92BH42
		1/18/1992	1/18/1992	1/18/1992	1/18/1992	1/19/1992	1/19/1992	1/19/1992	1/20/1992	1/20/1992
		BHMCS0009201-39-09	BHMCS0009201-40-04	BHMCS0009201-40-09	BHMCS0009201-40-14	BHMCS0009201-41-04	BHMCS0009201-41-09	BHMCS0009201-41-14	BHMCS0009201-42-04	BHMCS0009201-42-09
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH39	MCS92BH40	MCS92BH40	MCS92BH40	MCS92BH41	MCS92BH41	MCS92BH41	MCS92BH42	MCS92BH42
		1/18/1992	1/18/1992	1/18/1992	1/18/1992	1/19/1992	1/19/1992	1/19/1992	1/20/1992	1/20/1992
		BHMCS0009201-39-09	BHMCS0009201-40-04	BHMCS0009201-40-09	BHMCS0009201-40-14	BHMCS0009201-41-04	BHMCS0009201-41-09	BHMCS0009201-41-14	BHMCS0009201-42-04	BHMCS0009201-42-09
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH39	MCS92BH40	MCS92BH40	MCS92BH40	MCS92BH41	MCS92BH41	MCS92BH41	MCS92BH42	MCS92BH42
		1/18/1992	1/18/1992	1/18/1992	1/18/1992	1/19/1992	1/19/1992	1/19/1992	1/20/1992	1/20/1992
		BHMCS0009201-39-09	BHMCS0009201-40-04	BHMCS0009201-40-09	BHMCS0009201-40-14	BHMCS0009201-41-04	BHMCS0009201-41-09	BHMCS0009201-41-14	BHMCS0009201-42-04	BHMCS0009201-42-09
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH39	MCS92BH40	MCS92BH40	MCS92BH40	MCS92BH41	MCS92BH41	MCS92BH41	MCS92BH42	MCS92BH42
		1/18/1992	1/18/1992	1/18/1992	1/18/1992	1/19/1992	1/19/1992	1/19/1992	1/20/1992	1/20/1992
		BHMCS0009201-39-09	BHMCS0009201-40-04	BHMCS0009201-40-09	BHMCS0009201-40-14	BHMCS0009201-41-04	BHMCS0009201-41-09	BHMCS0009201-41-14	BHMCS0009201-42-04	BHMCS0009201-42-09
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil Range Hydrocarbons										
TPH (Heavy)										
TPH (Light)										
TPH (Total)		< 20	< 20	< 20	< 20	320	2800	440	< 20	< 20
Other										
Percent Moisture	ASTM D2974									

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH42	MCS92BH43	MCS92BH43	MCS92BH43	MCS92BH44	MCS92BH44	MCS92BH44
		1/20/1992	1/20/1992	1/20/1992	1/20/1992	1/21/1992	1/21/1992	1/21/1992
		BHMCS0009201-42-14	BHMCS0009201-43-04	BHMCS0009201-43-09	BHMCS0009201-43-14	BHMCS0009201-44-04	BHMCS0009201-44-09	BHMCS0009201-44-14
VOCs								
Acetone	67-64-1	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4							
Bromobenzene	108-86-1							
Bromochloromethane	74-97-5							
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Butylbenzene, n-	104-51-8							
Butylbenzene, sec-	135-98-8							
Butylbenzene, tert-	98-06-6							
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8							
Chloroform	67-66-3	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7							
Chlorophenol, 2-	95-57-8							
Chlorotoluene, o-	95-49-8							
Chlorotoluene, p-	106-43-4							
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7							
Dibromo-3-chloropropane, 1,2-	96-12-8							
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Dibromoethane, 1,2-	106-93-4							
Dibromomethane (Methylene Bromide)	74-95-3							
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.62	< 0.62	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.62	< 0.62	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.62	< 0.62	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane	75-71-8							
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 1.2	< 1.2	0.011	0.062	0.083
Dichloroethylene, 1,2-cis-	156-59-2							
Dichloroethylene, 1,2-trans-	156-60-5							
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,3-	142-28-9							
Dichloropropane, 2,2-	594-20-7							
Dichloropropene, 1,1-	563-58-6							
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3							

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH42	MCS92BH43	MCS92BH43	MCS92BH43	MCS92BH44	MCS92BH44	MCS92BH44
		1/20/1992	1/20/1992	1/20/1992	1/20/1992	1/21/1992	1/21/1992	1/21/1992
		BHMCS0009201-42-14	BHMCS0009201-43-04	BHMCS0009201-43-09	BHMCS0009201-43-14	BHMCS0009201-44-04	BHMCS0009201-44-09	BHMCS0009201-44-14
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Isopropylbenzene (Cumene)	98-82-8							
Isopropyltoluene, p-	99-87-6							
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Methyl tert-Butyl Ether (MTBE)	1634-04-4							
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3							
Nitrobenzene	98-95-3							
Propylbenzene, n-	103-65-1							
Styrene	100-42-5	< 0.01	< 0.01	1.7	< 1.2	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,1,2-	630-20-6							
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1							
Trichlorobenzene, 1,2,3-	87-61-6							
Trichlorobenzene, 1,2,4-	120-82-1							
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 1.2	< 1.2	0.011	0.18	0.44
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Trichloropropane, 1,2,3-	96-18-4							
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.62	< 0.62	< 0.005	< 0.005	< 0.005
Trimethylbenzene, 1,2,4-	95-63-6							
Trimethylbenzene, 1,3,5-	108-67-8							
Vinyl Acetate	108-05-4							
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01
Xylene, o-	95-47-6							
Xylenes	1330-20-7	< 0.01	0.033	2	< 1.2	< 0.01	< 0.01	< 0.01
Xylenes, m & p								
SVOCs								
Acenaphthene	83-32-9							
Acenaphthylene	208-96-8							
Aniline	62-53-3							
Anthracene	120-12-7							
Benzidine	92-87-5							
Benzo[a]anthracene	56-55-3							
Benzo[a]pyrene	50-32-8							
Benzo[b]fluoranthene	205-99-2							
Benzo[g,h,i]perylene	191-24-2							
Benzo[k]fluoranthene	207-08-9							
Benzoic Acid	65-85-0							
Benzyl Alcohol	100-51-6							
Bis(2-chloroethoxy)methane	111-91-1							
bis(2-Chloroisopropyl)ether	39638-32-9							

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH42	MCS92BH43	MCS92BH43	MCS92BH43	MCS92BH44	MCS92BH44	MCS92BH44
		1/20/1992	1/20/1992	1/20/1992	1/20/1992	1/21/1992	1/21/1992	1/21/1992
		BHMCS0009201-42-14	BHMCS0009201-43-04	BHMCS0009201-43-09	BHMCS0009201-43-14	BHMCS0009201-44-04	BHMCS0009201-44-09	BHMCS0009201-44-14
Bis(2-ethylhexyl)phthalate	117-81-7							
Bromophenyl phenyl ether, 4-	101-55-3							
Butyl Benzyl Phthlate	85-68-7							
Carbazole	86-74-8							
Chloroaniline, p-	106-47-8							
Chlorophenyl-phenylether, 4-	7005-72-3							
Chrysene	218-01-9							
Cresol, 3&4-								
Cresol, o-	95-48-7							
Cresol, p-	106-44-5							
Dibenz[a,h]anthracene	53-70-3							
Dibenzofuran	132-64-9							
Dibutyl Phthalate	84-74-2							
Dichlorobenzidine, 3,3'-	91-94-1							
Dichlorophenol, 2,4-	120-83-2							
Diethyl Phthalate	84-66-2							
Dimethyl phthalate	131-11-3							
Dimethylphenol, 2,4-	105-67-9							
Dinitro-o-cresol, 4,6-	534-52-1							
Dinitrophenol, 2,4-	51-28-5							
Dinitrotoluene, 2,4-	121-14-2							
Dinitrotoluene, 2,6-	606-20-2							
Di-n-octylphthalate								
Diphenylhydrazine, 1,2-	122-66-7							
Fluoranthene	206-44-0							
Fluorene	86-73-7							
Hexachlorobenzene	118-74-1							
Hexachlorocyclopentadiene	77-47-4							
Hexachloroethane	67-72-1							
Indeno[1,2,3-cd]pyrene	193-39-5							
Isophorone	78-59-1							
Methylnaphthalene, 2-	91-57-6							
Nitroaniline, 2-	88-74-4							
Nitroaniline, 3-	99-09-2							
Nitroaniline, 4-	100-01-6							
Nitrophenol, 2-	88-75-5							
Nitrophenol, 4-	100-02-7							
Nitrosodimethylamine, N-	62-75-9							
Nitroso-di-N-propylamine, N-	621-64-7							
Nitrosodiphenylamine, N-	86-30-6							
Pentachlorophenol	87-86-5							
Phenanthrene	85-01-8							
Phenol	108-95-2							
Pyrene	129-00-0							
Pyridine	110-86-1							
Trichlorophenol, 2,4,5-	95-95-4							

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH42	MCS92BH43	MCS92BH43	MCS92BH43	MCS92BH44	MCS92BH44	MCS92BH44
		1/20/1992	1/20/1992	1/20/1992	1/20/1992	1/21/1992	1/21/1992	1/21/1992
		BHMCS0009201-42-14	BHMCS0009201-43-04	BHMCS0009201-43-09	BHMCS0009201-43-14	BHMCS0009201-44-04	BHMCS0009201-44-09	BHMCS0009201-44-14
Trichlorophenol, 2,4,6-	88-06-2							
Metals and Inorganics								
Aluminum	7429-90-5							
Antimony	7440-36-0							
Arsenic	7440-38-2							
Barium	7440-39-3							
Beryllium	7440-41-7							
Cadmium	7440-43-9							
Calcium	7440-70-2							
Chromium, Total	7440-47-3							
Cobalt	7440-48-4							
Copper	7440-50-8							
Cyanide	57-12-5							
Iron	7439-89-6							
Lead	7439-92-1							
Magnesium	7439-95-4							
Manganese	7439-96-5							
Mercury	7439-97-6							
Nickel	7440-02-0							
Potassium	7440-09-7							
Selenium	7782-49-2							
Silver	7440-22-4							
Sodium	7440-23-5							
Thallium (Soluble Salts)	7440-28-0							
Vanadium	NA							
Zinc	7440-66-6							
PCBs and Dioxins								
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCB-001								
PCB-002								
PCB-003								
PCB-004								
PCB-005								
PCB-006								
PCB-007								
PCB-008								
PCB-009								
PCB-010								
PCB-011								

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH42	MCS92BH43	MCS92BH43	MCS92BH43	MCS92BH44	MCS92BH44	MCS92BH44
		1/20/1992	1/20/1992	1/20/1992	1/20/1992	1/21/1992	1/21/1992	1/21/1992
		BHMCS0009201-42-14	BHMCS0009201-43-04	BHMCS0009201-43-09	BHMCS0009201-43-14	BHMCS0009201-44-04	BHMCS0009201-44-09	BHMCS0009201-44-14
PCB-012								
PCB-013								
PCB-014								
PCB-015								
PCB-016								
PCB-017								
PCB-018								
PCB-019								
PCB-020								
PCB-021								
PCB-022								
PCB-023								
PCB-024								
PCB-025								
PCB-026								
PCB-027								
PCB-028								
PCB-029								
PCB-030								
PCB-031								
PCB-032								
PCB-033								
PCB-034								
PCB-035								
PCB-036								
PCB-037								
PCB-038								
PCB-039								
PCB-040								
PCB-041								
PCB-042								
PCB-043								
PCB-044								
PCB-045								
PCB-046								
PCB-047								
PCB-048								
PCB-049								
PCB-050								
PCB-051								
PCB-052								
PCB-053								
PCB-054								
PCB-055								
PCB-056								
PCB-057								

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH42	MCS92BH43	MCS92BH43	MCS92BH43	MCS92BH44	MCS92BH44	MCS92BH44
		1/20/1992	1/20/1992	1/20/1992	1/20/1992	1/21/1992	1/21/1992	1/21/1992
		BHMCS0009201-42-14	BHMCS0009201-43-04	BHMCS0009201-43-09	BHMCS0009201-43-14	BHMCS0009201-44-04	BHMCS0009201-44-09	BHMCS0009201-44-14
PCB-058								
PCB-059								
PCB-060								
PCB-061								
PCB-062								
PCB-063								
PCB-064								
PCB-065								
PCB-066								
PCB-067								
PCB-068								
PCB-069								
PCB-070								
PCB-071								
PCB-072								
PCB-073								
PCB-074								
PCB-075								
PCB-076								
PCB-077	32598-13-3							
PCB-078								
PCB-079								
PCB-080								
PCB-081	70362-50-4							
PCB-082								
PCB-083								
PCB-084								
PCB-085								
PCB-086								
PCB-087								
PCB-088								
PCB-089								
PCB-090								
PCB-091								
PCB-092								
PCB-093								
PCB-094								
PCB-095								
PCB-096								
PCB-097								
PCB-098								
PCB-099								
PCB-100								
PCB-101								
PCB-102								
PCB-103								

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH42	MCS92BH43	MCS92BH43	MCS92BH43	MCS92BH44	MCS92BH44	MCS92BH44
		1/20/1992	1/20/1992	1/20/1992	1/20/1992	1/21/1992	1/21/1992	1/21/1992
		BHMCS0009201-42-14	BHMCS0009201-43-04	BHMCS0009201-43-09	BHMCS0009201-43-14	BHMCS0009201-44-04	BHMCS0009201-44-09	BHMCS0009201-44-14
PCB-104								
PCB-105	32598-14-4							
PCB-106								
PCB-107								
PCB-108								
PCB-109								
PCB-110								
PCB-111								
PCB-112								
PCB-113								
PCB-114	74472-37-0							
PCB-115								
PCB-116								
PCB-117								
PCB-118	31508-00-6							
PCB-119								
PCB-120								
PCB-121								
PCB-122								
PCB-123	65510-44-3							
PCB-124								
PCB-125								
PCB-126	57465-28-8							
PCB-127								
PCB-128								
PCB-129								
PCB-130								
PCB-131								
PCB-132								
PCB-133								
PCB-134								
PCB-135								
PCB-136								
PCB-137								
PCB-138								
PCB-139								
PCB-140								
PCB-141								
PCB-142								
PCB-143								
PCB-144								
PCB-145								
PCB-146								
PCB-147								
PCB-148								
PCB-149								

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH42	MCS92BH43	MCS92BH43	MCS92BH43	MCS92BH44	MCS92BH44	MCS92BH44
		1/20/1992	1/20/1992	1/20/1992	1/20/1992	1/21/1992	1/21/1992	1/21/1992
		BHMCS0009201-42-14	BHMCS0009201-43-04	BHMCS0009201-43-09	BHMCS0009201-43-14	BHMCS0009201-44-04	BHMCS0009201-44-09	BHMCS0009201-44-14
PCB-150								
PCB-151								
PCB-152								
PCB-153								
PCB-154								
PCB-155								
PCB-156								
PCB-157	69782-90-7							
PCB-158								
PCB-159								
PCB-160								
PCB-161								
PCB-162								
PCB-163								
PCB-164								
PCB-165								
PCB-166								
PCB-167	52663-72-6							
PCB-168								
PCB-169	32774-16-6							
PCB-170								
PCB-171								
PCB-172								
PCB-173								
PCB-174								
PCB-175								
PCB-176								
PCB-177								
PCB-178								
PCB-179								
PCB-180								
PCB-181								
PCB-182								
PCB-183								
PCB-184								
PCB-185								
PCB-186								
PCB-187								
PCB-188								
PCB-189	39635-31-9							
PCB-190								
PCB-191								
PCB-192								
PCB-193								
PCB-194								
PCB-195								

Table A-3
Comparison of Subsurface Soil Data to Human Health Screening Criteria (COG-, FIR-, GAS-, GS-, IPV-, KC-, MCS-)
Bannister Federal Complex

Chemical	CAS	MCS92BH42	MCS92BH43	MCS92BH43	MCS92BH43	MCS92BH44	MCS92BH44	MCS92BH44
		1/20/1992	1/20/1992	1/20/1992	1/20/1992	1/21/1992	1/21/1992	1/21/1992
		BHMCS0009201-42-14	BHMCS0009201-43-04	BHMCS0009201-43-09	BHMCS0009201-43-14	BHMCS0009201-44-04	BHMCS0009201-44-09	BHMCS0009201-44-14
PCB-196								
PCB-197								
PCB-198								
PCB-199								
PCB-200								
PCB-201								
PCB-202								
PCB-203								
PCB-204								
PCB-205								
PCB-206								
PCB-207								
PCB-208								
PCB-209								
Hydrocarbons								
Diesel Range Organics								
Fuel Oil								
Gasoline Range Organics								
Jet Fuel								
Kerosene	8008-20-6							
Mineral Spirits	64475-85-0							
Motor Oil								
Oil Range Hydrocarbons								
TPH (Heavy)								
TPH (Light)								
TPH (Total)		< 20	79	880	< 20	< 20	< 20	< 20
Other								
Percent Moisture	ASTM D2974							

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D13392BH01	D13392BH01	D13392BH01	D13392BH02	D13392BH02	D13392BH03	D13392BH03	D13392BH04	D13392BH04
		5/28/1992	5/28/1992	5/28/1992	5/29/1992	5/29/1992	5/29/1992	5/29/1992	5/29/1992	5/29/1992
		BH1330009205-01-04	BH1330009205-01-08	BH1330009205-01-14	BH1330009205-02-04	BH1330009205-02-06	BH1330009205-03-03	BH1330009205-03-09	BH1330009205-04-04	BH1330009205-04-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	0.011	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	6.03	6.72	4	4.67	3.72	3.74	4.81	4.65	5.9
Barium	7440-39-3									
Beryllium	7440-41-7	0.85	0.85	0.75	0.7	0.7	0.65	0.8	0.75	0.8

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D13392BH01	D13392BH01	D13392BH01	D13392BH02	D13392BH02	D13392BH03	D13392BH03	D13392BH04	D13392BH04
		5/28/1992	5/28/1992	5/28/1992	5/29/1992	5/29/1992	5/29/1992	5/29/1992	5/29/1992	5/29/1992
		BH1330009205-01-04	BH1330009205-01-08	BH1330009205-01-14	BH1330009205-02-04	BH1330009205-02-06	BH1330009205-03-03	BH1330009205-03-09	BH1330009205-04-04	BH1330009205-04-09
Cadmium	7440-43-9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Calcium	7440-70-2									
Chromium, Total	7440-47-3	***32.6***	***34.3***	25.6	24.3	25.6	24.2	25.5	***26.3***	***26.6***
Cobalt	7440-48-4									
Copper	7440-50-8	12.2	13.6	10.7	12.1	11.8	11	12.5	11.6	12.6
Iron	7439-89-6									
Lead	7439-92-1	***22.5***	***23***	***18***	***18.5***	***19.5***	***19***	***19.5***	***18.5***	***20.5***
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	15.5	17.2	18.8	16.1	15.7	14.6	14	19.1	19
Potassium	7440-09-7									
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0	9.5	9	7	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA									
Zinc	7440-66-6	***60.9***	***50.1***	***48.7***	***47.9***	46	42.9	***48.4***	***47.6***	***56***
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 20	< 20	110	< 20	2100	< 20	< 20	1300	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D13392BH04	D13392BH05	D13392BH05	D13392BH06	D13392BH07	D13392BH07	D13392BH08	D13392BH08	D13392BH09
		5/30/1992	5/30/1992	5/30/1992	5/30/1992	5/31/1992	5/31/1992	5/31/1992	5/31/1992	6/1/1992
		BH1330009205-04-14	BH1330009205-05-04	BH1330009205-05-09	BH1330009205-06-04	BH1330009205-07-04	BH1330009205-07-09	BH1330009205-08-04	BH1330009205-08-09	BH1330009206-09-04
VOCs										
Acetone	67-64-1	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromodichloromethane	75-27-4	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	124-48-1	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	0.012	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexanone, 2-	591-78-6	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Styrene	100-42-5	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	2.96	2.88		3.05	5.84	5.46	3.24	4.5	5.61
Barium	7440-39-3									
Beryllium	7440-41-7	0.7	0.65		0.65	0.6	0.7	0.7	0.65	0.7

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D13392BH04	D13392BH05	D13392BH05	D13392BH06	D13392BH07	D13392BH07	D13392BH08	D13392BH08	D13392BH09
		5/30/1992	5/30/1992	5/30/1992	5/30/1992	5/31/1992	5/31/1992	5/31/1992	5/31/1992	6/1/1992
		BH1330009205-04-14	BH1330009205-05-04	BH1330009205-05-09	BH1330009205-06-04	BH1330009205-07-04	BH1330009205-07-09	BH1330009205-08-04	BH1330009205-08-09	BH1330009206-09-04
Cadmium	7440-43-9	< 0.05	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Calcium	7440-70-2									
Chromium, Total	7440-47-3	25.4	22.8		23.7	18.8	23.9	22.2	21	20.8
Cobalt	7440-48-4									
Copper	7440-50-8	10.7	10.7		11.9	11.8	11.5	11.8	12.9	12.1
Iron	7439-89-6									
Lead	7439-92-1	***16***	***18***		***18.5***	***17***	***20***	***17***	***19***	***17***
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	14.1	12.2		13.7	14.3	17.4	15.3	18	18.4
Potassium	7440-09-7									
Selenium	7782-49-2	< 0.25	< 0.25		< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5		< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA									
Zinc	7440-66-6	***46.4***	41.6		45.8	42.9	***55.2***	45.3	***51.4***	***48.3***
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 20	< 20	< 5	< 20	< 20	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D13392BH10	D13392BH11	D13392BH12	D13392BH12	D13392BH12	D13392BH13	D13392BH14	D13392BH14	D13392BH14
		6/1/1992	6/1/1992	6/1/1992	6/1/1992	6/1/1992	6/2/1992	6/2/1992	6/2/1992	6/2/1992
		BH1330009206-10-04	BH1330009206-11-04	BH1330009206-12-03	BH1330009206-12-08	BH1330009206-12-14	BH1330009206-13-04	BH1330009206-14-03	BH1330009206-14-09	BH1330009206-14-14
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.5	< 0.005	< 0.5	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.5	< 0.005	< 0.5	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.5	< 0.005	< 0.5	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Styrene	100-42-5	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.5	< 0.005	< 0.5	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	3.2	< 0.01	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	***4.31***	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	8.1	5.19	4.39	< 0.3	3.11	3.27	3.45	3.46	3.89
Barium	7440-39-3									
Beryllium	7440-41-7	0.7	0.65	0.75	0.7	0.7	0.55	0.6	0.7	0.6

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D13392BH10	D13392BH11	D13392BH12	D13392BH12	D13392BH12	D13392BH13	D13392BH14	D13392BH14	D13392BH14
		6/1/1992	6/1/1992	6/1/1992	6/1/1992	6/1/1992	6/2/1992	6/2/1992	6/2/1992	6/2/1992
		BH1330009206-10-04	BH1330009206-11-04	BH1330009206-12-03	BH1330009206-12-08	BH1330009206-12-14	BH1330009206-13-04	BH1330009206-14-03	BH1330009206-14-09	BH1330009206-14-14
Cadmium	7440-43-9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Calcium	7440-70-2									
Chromium, Total	7440-47-3	23.2	21.3	25.8	20.5	23.2	18.2	19.8	21.2	19
Cobalt	7440-48-4									
Copper	7440-50-8	11.6	10.1	< 0.5	11.6	10.8	9.9	10.6	11.7	9.85
Iron	7439-89-6									
Lead	7439-92-1	***18***	***17***	***18.5***	***19.5***	***16***	***17***	***17***	***20***	***16***
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	17.7	12.7	14.5	16.1	13.8	11.9	13.2	14.4	13.7
Potassium	7440-09-7									
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA									
Zinc	7440-66-6	***48.4***	42.2	***47.3***	***47.8***	45	35.9	40.3	45.5	42.4
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics							< 20	< 20	< 20	< 20
Fuel Oil							< 20	< 20	< 20	< 20
Gasoline Range Organics							< 20	< 20	< 20	< 20
Jet Fuel							< 20	< 20	< 20	< 20
Kerosene	8008-20-6						< 20	< 20	< 20	< 20
Mineral Spirits	64475-85-0						< 20	< 20	< 20	< 20
Motor Oil							< 20	< 20	< 20	< 20
TPH (Total)		< 20	< 20	< 20	< 20	33	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2691BH01	D2691BH01	D2691BH01	D2691BH01	D2691BH01	D2691BH01	D2691BH01	D2691BH01	D2691BH01
		12/16/1991	12/16/1991	12/16/1991	12/16/1991	12/16/1991	12/16/1991	12/16/1991	12/16/1991	12/16/1991
		BHD260009112-01-05	BHD260009112-01-05DL	BHD260009112-01-07	BHD260009112-01-07RE	BHD260009112-01-07REDL	BHD260009112-01-10	BHD260009112-01-10DL	BHD260009112-01-15	BHD260009112-01-15DL
VOCs										
Acetone	67-64-1	< 0.012					< 0.013		< 0.013	
Benzene	71-43-2	< 0.006					< 0.006		< 0.007	
Bromodichloromethane	75-27-4	< 0.006					< 0.006		< 0.007	
Bromoform	75-25-2	< 0.006					< 0.006		< 0.007	
Bromomethane	74-83-9	< 0.012					< 0.013		< 0.013	
Carbon Disulfide	75-15-0	< 0.006					< 0.006		< 0.007	
Carbon Tetrachloride	56-23-5	< 0.006					< 0.006		< 0.007	
Chlorobenzene	108-90-7	< 0.006					< 0.006		< 0.007	
Chloroethane	75-00-3	< 0.012					< 0.013		< 0.013	
Chloroform	67-66-3	< 0.006					< 0.006		< 0.007	
Chloromethane	74-87-3	< 0.012					< 0.013		< 0.013	
cis-1,3-Dichloropropene	10061-01-5	< 0.006					< 0.006		< 0.007	
Dibromochloromethane	124-48-1	< 0.006					< 0.006		< 0.007	
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.006					< 0.006		< 0.007	
Dichloroethane, 1,2-	107-06-2	< 0.006					< 0.006		< 0.007	
Dichloroethene, 1,1-	75-35-4	< 0.006					< 0.006		< 0.007	
Dichloroethene, 1,2- (Total)	540-59-0	< 0.006					< 0.006		< 0.007	
Dichloropropane, 1,2-	78-87-5	< 0.006					< 0.006		< 0.007	
Dichloropropene, trans-1,3-	10061-02-6	< 0.006					< 0.006		< 0.007	
Ethylbenzene	100-41-4	< 0.006					< 0.006		< 0.007	
Hexanone, 2-	591-78-6	< 0.012					< 0.013		< 0.013	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.002 J					< 0.013		< 0.013	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.012					< 0.013		< 0.013	
Methylene Chloride	75-09-2	0.007					0.01		0.007	
Styrene	100-42-5	< 0.006					< 0.006		< 0.007	
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.006					< 0.006		< 0.007	
Tetrachloroethene	127-18-4	< 0.006					< 0.006		< 0.007	
Toluene	108-88-3	< 0.006					< 0.006		< 0.007	
Trichloroethane, 1,1,1-	71-55-6	< 0.006					< 0.006		< 0.007	
Trichloroethane, 1,1,2-	79-00-5	< 0.006					< 0.006		< 0.007	
Trichloroethene	79-01-6	< 0.006					< 0.006		0.004 J	
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4	< 0.012					< 0.013		< 0.013	
Vinyl Chloride	75-01-4	< 0.012					< 0.013		< 0.013	
Xylenes	1330-20-7	< 0.006					< 0.006		< 0.007	
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0	< 3.6					< 3.6		< 3.8	
Arsenic	7440-38-2	6.5 S					2.4		2.6	
Barium	7440-39-3									
Beryllium	7440-41-7	0.64					0.86		0.7	

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2691BH01	D2691BH01	D2691BH01	D2691BH01	D2691BH01	D2691BH01	D2691BH01	D2691BH01	D2691BH01
		12/16/1991	12/16/1991	12/16/1991	12/16/1991	12/16/1991	12/16/1991	12/16/1991	12/16/1991	12/16/1991
		BHD260009112-01-05	BHD260009112-01-05DL	BHD260009112-01-07	BHD260009112-01-07RE	BHD260009112-01-07REDL	BHD260009112-01-10	BHD260009112-01-10DL	BHD260009112-01-15	BHD260009112-01-15DL
Cadmium	7440-43-9	< 0.6					< 0.61		< 0.63	
Calcium	7440-70-2									
Chromium, Total	7440-47-3	13					15.4		14.8	
Cobalt	7440-48-4									
Copper	7440-50-8	15.7					16.7		15.5	
Iron	7439-89-6									
Lead	7439-92-1	***14.3***					8.8		9.5	
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.02					< 0.02		< 0.03	
Nickel	7440-02-0	16.3					18.5		17.7	
Potassium	7440-09-7									
Selenium	7782-49-2	< 0.24					< 0.24		< 0.51	
Silver	7440-22-4	< 0.6					< 0.61		< 0.63	
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0	< 0.24					< 0.24		< 0.25	
Vanadium	NA									
Zinc	7440-66-6	45.3					***59.6***		***54***	
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 19	< 190		< 0.1	< 1	< 0.1	< 0.5	< 2.1	< 21
Aroclor 1221	11104-28-2	< 19	< 190		< 0.1	< 1	< 0.1	< 0.5	< 2.1	< 21
Aroclor 1232	11141-16-5	< 19	< 190		< 0.1	< 1	< 0.1	< 0.5	< 2.1	< 21
Aroclor 1242	53469-21-9	270 XF	350 DX		0.38 XF	0.46 DJX	0.5 XF	0.53 DJX	38 XF	50 DX
Aroclor 1248	12672-29-6	< 19	< 190		< 0.1	< 1	< 0.1	< 0.5	< 2.1	< 21
Aroclor 1254	11097-69-1	< 39	< 390		< 0.2	< 2	< 0.2	< 1	< 4.1	< 41
Aroclor 1260	11096-82-5	< 39	< 390		< 0.2	< 2	< 0.2	< 1	< 4.1	< 41
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		1100 M		< 5			< 5		61 M	

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2691BH02	D2691BH02	D2691BH02	D2691BH03	D2691BH03	D2691BH03	D2691BH03	D2691BH03	D2691BH04
		12/17/1991	12/17/1991	12/17/1991	12/18/1991	12/18/1991	12/18/1991	12/18/1991	12/18/1991	12/19/1991
		BHD260009112-02-05	BHD260009112-02-10	BHD260009112-02-15	BHD260009112-03-05	BHD260009112-03-05DL	BHD260009112-03-10	BHD260009112-03-15	BHD260009112-03-15DL	BHD260009112-04-05
VOCs										
Acetone	67-64-1	< 0.012		0.013 J						0.027 B
Benzene	71-43-2	< 0.006		< 0.007						< 0.006
Bromodichloromethane	75-27-4	< 0.006		< 0.007						< 0.006
Bromoform	75-25-2	< 0.006		< 0.007						< 0.006
Bromomethane	74-83-9	< 0.012		< 0.013						< 0.013
Carbon Disulfide	75-15-0	< 0.006		< 0.007						< 0.006
Carbon Tetrachloride	56-23-5	< 0.006		< 0.007						< 0.006
Chlorobenzene	108-90-7	< 0.006		< 0.007						< 0.006
Chloroethane	75-00-3	< 0.012		< 0.013						< 0.013
Chloroform	67-66-3	< 0.006		< 0.007						< 0.006
Chloromethane	74-87-3	< 0.012		< 0.013						< 0.013
cis-1,3-Dichloropropene	10061-01-5	< 0.006		< 0.007						< 0.006
Dibromochloromethane	124-48-1	< 0.006		< 0.007						< 0.006
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.006		< 0.007						< 0.006
Dichloroethane, 1,2-	107-06-2	< 0.006		< 0.007						< 0.006
Dichloroethene, 1,1-	75-35-4	< 0.006		< 0.007						< 0.006
Dichloroethene, 1,2- (Total)	540-59-0	< 0.006		< 0.007						< 0.006
Dichloropropane, 1,2-	78-87-5	< 0.006		< 0.007						< 0.006
Dichloropropene, trans-1,3-	10061-02-6	< 0.006		< 0.007						< 0.006
Ethylbenzene	100-41-4	0.002 J		< 0.007						< 0.006
Hexanone, 2-	591-78-6	< 0.012		< 0.013						< 0.013
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.012		< 0.013						< 0.013
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.012		< 0.013						< 0.013
Methylene Chloride	75-09-2	0.003 J		0.002 J						0.004 BJ
Styrene	100-42-5	< 0.006		< 0.007						< 0.006
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.006		< 0.007						< 0.006
Tetrachloroethene	127-18-4	< 0.006		< 0.007						< 0.006
Toluene	108-88-3	< 0.006		< 0.007						< 0.006
Trichloroethane, 1,1,1-	71-55-6	< 0.006		< 0.007						< 0.006
Trichloroethane, 1,1,2-	79-00-5	< 0.006		< 0.007						< 0.006
Trichloroethene	79-01-6	< 0.006		< 0.007						< 0.006
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4	< 0.012		< 0.01						< 0.013
Vinyl Chloride	75-01-4	< 0.012		< 0.013						< 0.013
Xylenes	1330-20-7	0.002 BJ		< 0.007						0.003 BJ
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0	< 3.2		< 3.8	< 2.9			< 2.4		< 3.8
Arsenic	7440-38-2	6.2 W		6.6 W	4.3			4.6 S		4.3
Barium	7440-39-3									
Beryllium	7440-41-7	0.94		0.98	0.86			0.86		0.71

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2691BH02	D2691BH02	D2691BH02	D2691BH03	D2691BH03	D2691BH03	D2691BH03	D2691BH03	D2691BH04
		12/17/1991	12/17/1991	12/17/1991	12/18/1991	12/18/1991	12/18/1991	12/18/1991	12/18/1991	12/19/1991
		BHD260009112-02-05	BHD260009112-02-10	BHD260009112-02-15	BHD260009112-03-05	BHD260009112-03-05DL	BHD260009112-03-10	BHD260009112-03-15	BHD260009112-03-15DL	BHD260009112-04-05
Cadmium	7440-43-9	< 0.53		< 0.64	< 0.49			< 0.41		< 0.63
Calcium	7440-70-2									
Chromium, Total	7440-47-3	15.2		14.2	13.6			14.3		12.3
Cobalt	7440-48-4									
Copper	7440-50-8	15.5		15.9	16.7			15.6		12.6
Iron	7439-89-6									
Lead	7439-92-1	***14.8***		***14.9***	***15.4***			***14.7***		9.9
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.02		0.02	0.1			< 0.02		< 0.03
Nickel	7440-02-0	17.3		20	17.8			20.5		13.5
Potassium	7440-09-7									
Selenium	7782-49-2	< 0.24		< 0.46	< 0.18			< 0.23		< 0.25
Silver	7440-22-4	< 0.53		< 0.64	< 0.49			< 0.41		< 0.63
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0	< 0.24		0.28 BW	0.39 B			0.37 B		0.29 B
Vanadium	NA									
Zinc	7440-66-6	***51.8***		***53.7***	***47.4***			***55.3***		43.5
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.096	< 0.13	< 0.11	< 0.1	< 0.52	< 0.11	< 0.1	< 1	< 0.098
Aroclor 1221	11104-28-2	< 0.096	< 0.13	< 0.11	< 0.1	< 0.52	< 0.11	< 0.1	< 1	< 0.098
Aroclor 1232	11141-16-5	< 0.096	< 0.13	< 0.11	< 0.1	< 0.52	< 0.11	< 0.1	< 1	< 0.098
Aroclor 1242	53469-21-9	0.069 JX	0.093 JX	< 0.11	0.55 XF	0.74 DX	0.16 X	2.2 XF	2.7 DX	< 0.098
Aroclor 1248	12672-29-6	< 0.096	< 0.13	< 0.11	< 0.1	< 0.52	< 0.11	< 0.1	< 1	< 0.098
Aroclor 1254	11097-69-1	< 0.19	< 0.26	< 0.21	< 0.21	< 1	< 0.22	< 0.21	< 2.1	< 0.2
Aroclor 1260	11096-82-5	< 0.19	< 0.26	< 0.21	< 0.21	< 1	< 0.22	< 0.21	< 2.1	< 0.2
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 5	< 5	< 5	5 B		< 5	7 B		< 5

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2691BH04	D2691BH04	D2692BH05	D2692BH05	D2692BH05	D2692BH05	D2692BH05	D2692BH05	D2692BH06
		12/19/1991	12/19/1991	2/24/1992	2/24/1992	2/24/1992	2/24/1992	2/24/1992	2/24/1992	2/25/1992
		BHD260009112-04-10	BHD260009112-04-15	BHD260009202-05-03	BHD260009202-05-03DL	BHD260009202-05-06	BHD260009202-05-06DL	BHD260009202-05-12	BHD260009202-05-12DL	BHD260009202-06-04
VOCs										
Acetone	67-64-1	0.022 B	0.027 B	< 0.013		< 0.013		< 0.013		0.014
Benzene	71-43-2	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Bromodichloromethane	75-27-4	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Bromoform	75-25-2	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Bromomethane	74-83-9	< 0.013	< 0.013	< 0.013		< 0.013		< 0.013		< 0.012
Carbon Disulfide	75-15-0	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Carbon Tetrachloride	56-23-5	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Chlorobenzene	108-90-7	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Chloroethane	75-00-3	< 0.013	< 0.013	< 0.013		< 0.013		< 0.013		< 0.012
Chloroform	67-66-3	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Chloromethane	74-87-3	< 0.013	< 0.013	< 0.013		< 0.013		< 0.013		< 0.012
cis-1,3-Dichloropropene	10061-01-5	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Dibromochloromethane	124-48-1	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Dichloroethane, 1,2-	107-06-2	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Dichloroethene, 1,1-	75-35-4	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Dichloroethene, 1,2- (Total)	540-59-0	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		0.02
Dichloropropane, 1,2-	78-87-5	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Dichloropropene, trans-1,3-	10061-02-6	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Ethylbenzene	100-41-4	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Hexanone, 2-	591-78-6	< 0.013	< 0.013	< 0.013		< 0.013		< 0.013		< 0.012
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.013	< 0.013	< 0.013		< 0.013		< 0.013		< 0.012
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.013	< 0.013	< 0.013		< 0.013		< 0.013		< 0.012
Methylene Chloride	75-09-2	0.003 BJ	0.003 BJ	0.002 J		0.002 J		0.003 J		0.003 BJ
Styrene	100-42-5	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Tetrachloroethene	127-18-4	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Toluene	108-88-3	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Trichloroethane, 1,1,1-	71-55-6	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Trichloroethane, 1,1,2-	79-00-5	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Trichloroethene	79-01-6	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		0.055
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4	< 0.013	< 0.013	< 0.013		< 0.013		< 0.013		< 0.012
Vinyl Chloride	75-01-4	< 0.013	< 0.013	< 0.013		< 0.013		< 0.013		< 0.012
Xylenes	1330-20-7	< 0.006	< 0.006	< 0.006		< 0.006		< 0.007		< 0.006
Metals and Inorganics										
Aluminum	7429-90-5			21100		14200		18800	14100 *	15100
Antimony	7440-36-0	< 3.8	< 3.8	< 3.7		< 3.9		< 3.9	< 3.9	< 3.7
Arsenic	7440-38-2	6.8 W	2.4	4.4		4.6		6.1	< 6.4	3.1
Barium	7440-39-3			235		195		155	192 N*	156
Beryllium	7440-41-7	0.26 B	0.78	1		0.89		0.91	0.91	0.68

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2691BH04	D2691BH04	D2692BH05	D2692BH05	D2692BH05	D2692BH05	D2692BH05	D2692BH05	D2692BH06
		12/19/1991	12/19/1991	2/24/1992	2/24/1992	2/24/1992	2/24/1992	2/24/1992	2/24/1992	2/25/1992
		BHD260009112-04-10	BHD260009112-04-15	BHD260009202-05-03	BHD260009202-05-03DL	BHD260009202-05-06	BHD260009202-05-06DL	BHD260009202-05-12	BHD260009202-05-12DL	BHD260009202-06-04
Cadmium	7440-43-9	< 0.63	< 0.64	< 0.62		***1 N***		< 0.64	< 0.64	< 0.62
Calcium	7440-70-2			3880		4240		4070	3970	4160
Chromium, Total	7440-47-3	9.2 *	12.5 *	21.2 N		17.7 N		21.4 N	15.5 N	17.6
Cobalt	7440-48-4			12		12.5		4.7 B	16.6 N*	3.7 B
Copper	7440-50-8	8.9	14.7	20.1		17.8		15.8	19.3 N	15.5
Iron	7439-89-6			25600		23000		22800	22800 *	18100
Lead	7439-92-1	***14.4***	10.3	***14.9***		***14.4***		***12.2***	10.4 *	10.6
Magnesium	7439-95-4			3600		3150		3550	3050	2890
Manganese	7439-96-5			784 N		1360 N		2.6 N	1020 *	360 N
Mercury	7439-97-6	< 0.03	< 0.03	< 0.02		< 0.03		< 0.03		< 0.02
Nickel	7440-02-0	10.9	17.5	23.8		23.8		19.7	22.2	17.1
Potassium	7440-09-7			2580		2100		2680	2000	1670
Selenium	7782-49-2	< 0.25	< 0.26	< 0.25		< 0.26		< 0.26	< 7.7	< 0.25
Silver	7440-22-4	< 0.63	< 0.64	< 0.62		< 0.64		< 0.64	< 0.64	< 0.62
Sodium	7440-23-5			161 B		148 B		111 B	129 B	218 B
Thallium (Soluble Salts)	7440-28-0	0.33 B	0.27 BW	0.33 B		< 0.26		< 0.26	19	< 0.25
Vanadium	NA			***32.5***		***27.1***		***35.3***	***29.9 N****	***17.8***
Zinc	7440-66-6	29	***47.2***	***72.8***		***71.7***		***63.5***	***59.6 E****	***83.3***
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.098	< 0.1	< 0.1	< 1	< 0.52	< 5.2	< 0.52		< 20
Aroclor 1221	11104-28-2	< 0.098	< 0.1	< 0.1	< 1	< 0.52	< 5.2	< 0.52		< 20
Aroclor 1232	11141-16-5	< 0.098	< 0.1	< 0.1	< 1	< 0.52	< 5.2	< 0.52		< 20
Aroclor 1242	53469-21-9	< 0.098	< 0.1	1.5 XF	1.7 DX	13 X	15 DX	5.5 X		280 X
Aroclor 1248	12672-29-6	< 0.098	< 0.1	< 0.1	< 1	< 0.52	< 5.2	< 0.52		< 20
Aroclor 1254	11097-69-1	< 0.2	< 0.2	< 0.2	< 2	< 1	< 10	< 1		< 40
Aroclor 1260	11096-82-5	< 0.2	< 0.2	< 0.2	< 2	< 1	< 10	< 1		< 40
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 5	< 5	< 5		560 B		290 B		26 M

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2692BH06	D2692BH06	D2692BH06	D2692BH06	D2692BH06	D2692BH07	D2692BH07	D2692BH07	D2692BH07
		2/25/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992	4/7/1992	4/7/1992	4/7/1992	4/7/1992
		BHD260009202-06-04DL	BHD260009202-06-09	BHD260009202-06-09DL	BHD260009202-06-14	BHD260009202-06-14DL	BHD260009204-07-04	BHD260009204-07-04DL	BHD260009204-07-09RE	BHD260009204-07-09REDL
VOCs										
Acetone	67-64-1		0.01 J		0.008 J	< 0.064	0.026 B			
Benzene	71-43-2		< 0.006		0.002 J	< 0.032	< 0.005			
Bromodichloromethane	75-27-4		< 0.006		< 0.006	< 0.032	< 0.005			
Bromoform	75-25-2		< 0.006		< 0.006	< 0.032	< 0.005			
Bromomethane	74-83-9		< 0.014		< 0.013	< 0.064	< 0.011			
Carbon Disulfide	75-15-0		< 0.006		< 0.006	< 0.032	< 0.005			
Carbon Tetrachloride	56-23-5		< 0.006		< 0.006	< 0.032	< 0.005			
Chlorobenzene	108-90-7		< 0.006		< 0.006	< 0.032	< 0.005			
Chloroethane	75-00-3		< 0.014		< 0.013	< 0.064	< 0.011			
Chloroform	67-66-3		< 0.006		< 0.006	< 0.032	< 0.005			
Chloromethane	74-87-3		< 0.014		< 0.013	< 0.064	< 0.011			
cis-1,3-Dichloropropene	10061-01-5		< 0.006		< 0.006	< 0.032	< 0.005			
Dibromochloromethane	124-48-1		< 0.006		< 0.006	< 0.032	< 0.005			
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3		< 0.006		< 0.006	< 0.032	< 0.005			
Dichloroethane, 1,2-	107-06-2		< 0.006		< 0.006	< 0.032	< 0.005			
Dichloroethene, 1,1-	75-35-4		< 0.006		0.001 J	< 0.032	< 0.005			
Dichloroethene, 1,2- (Total)	540-59-0		0.012		0.032	< 0.032	< 0.005			
Dichloropropane, 1,2-	78-87-5		< 0.006		< 0.006	< 0.032	< 0.005			
Dichloropropene, trans-1,3-	10061-02-6		< 0.006		< 0.006	< 0.032	< 0.005			
Ethylbenzene	100-41-4		< 0.006		< 0.006	< 0.032	< 0.005			
Hexanone, 2-	591-78-6		< 0.014		< 0.013	< 0.064	< 0.011			
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.014		< 0.013	< 0.064	0.003 J			
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.014		< 0.013	< 0.064	0.004 J			
Methylene Chloride	75-09-2		0.003 BJ		0.003 BJ	0.013 BJ	0.013 B			
Styrene	100-42-5		< 0.006		< 0.006	< 0.032	< 0.005			
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.006		< 0.006	< 0.032	< 0.005			
Tetrachloroethene	127-18-4		< 0.006		< 0.006	< 0.032	< 0.005			
Toluene	108-88-3		< 0.006		< 0.006	< 0.032	0.001 J			
Trichloroethane, 1,1,1-	71-55-6		< 0.006		< 0.006	< 0.032	< 0.005			
Trichloroethane, 1,1,2-	79-00-5		< 0.006		< 0.006	< 0.032	< 0.005			
Trichloroethene	79-01-6		0.094		1.2 E	1.2 D	0.004 J			
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4		< 0.014		< 0.013	< 0.064	< 0.011			
Vinyl Chloride	75-01-4		< 0.014		0.007 J	< 0.064	< 0.011			
Xylenes	1330-20-7		< 0.006		< 0.006	< 0.032	0.001 J			
Metals and Inorganics										
Aluminum	7429-90-5		14900		14000		821 N			
Antimony	7440-36-0		< 3.8		< 3.9		< 3.1			
Arsenic	7440-38-2		7.7 S		9 W		0.66 B			
Barium	7440-39-3		160		172		28.8			
Beryllium	7440-41-7		0.82		0.81		< 0.1			

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2692BH06	D2692BH06	D2692BH06	D2692BH06	D2692BH06	D2692BH07	D2692BH07	D2692BH07	D2692BH07
		2/25/1992	2/25/1992	2/25/1992	2/25/1992	2/25/1992	4/7/1992	4/7/1992	4/7/1992	4/7/1992
		BHD260009202-06-04DL	BHD260009202-06-09	BHD260009202-06-09DL	BHD260009202-06-14	BHD260009202-06-14DL	BHD260009204-07-04	BHD260009204-07-04DL	BHD260009204-07-09RE	BHD260009204-07-09REDL
Cadmium	7440-43-9		< 0.64		< 0.65		< 0.52			
Calcium	7440-70-2		3970		3610		1930			
Chromium, Total	7440-47-3		16.8 N		16 N		2.4			
Cobalt	7440-48-4		7.7		12.7		< 2.1			
Copper	7440-50-8		15		14.6		5.3			
Iron	7439-89-6		21300		21700		2500 *			
Lead	7439-92-1		***13.1***		***15.1***		2.4			
Magnesium	7439-95-4		3110		2870		221 B			
Manganese	7439-96-5		405 N		992 N		416			
Mercury	7439-97-6		< 0.03		< 0.03		< 0.02			
Nickel	7440-02-0		19.6		20.4		3.4 B			
Potassium	7440-09-7		2210		1860		212 B			
Selenium	7782-49-2		< 0.51		< 0.26		< 0.21			
Silver	7440-22-4		< 0.64		< 0.65		< 0.52			
Sodium	7440-23-5		216 B		168 B		35.1 B			
Thallium (Soluble Salts)	7440-28-0		< 0.26		< 0.26		< 0.21			
Vanadium	NA		***28***		***35.9***		4.3 B			
Zinc	7440-66-6		***63.8***		***51.5***		9.6			
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 200	< 22	< 220	< 21	< 210	< 42	< 420	< 8.3	< 83
Aroclor 1221	11104-28-2	< 200	< 22	< 220	< 21	< 210	< 42	< 420	< 8.3	< 83
Aroclor 1232	11141-16-5	< 200	< 22	< 220	< 21	< 210	< 42	< 420	< 8.3	< 83
Aroclor 1242	53469-21-9	360 DX	370 X	450 DX	450 X	530 DX	< 42	< 420	120 XF	150 X
Aroclor 1248	12672-29-6	< 200	< 22	< 220	< 21	< 210	540 XF	560 DX	< 8.3	< 83
Aroclor 1254	11097-69-1	< 400	< 44	< 440	< 41	< 410	< 84	< 840	< 17	< 170
Aroclor 1260	11096-82-5	< 400	< 44	< 440	< 41	< 410	< 84	< 840	< 17	< 170
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)			610 B		430 B		1000 M			

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2692BH07	D2692BH07	D2692BH08	D2692BH08	D2692BH08	D2692BH09	D2692BH09	D2692BH09	D2692BH09
		4/7/1992	4/7/1992	2/26/1992	2/27/1992	2/28/1992	2/26/1992	2/26/1992	2/26/1992	2/26/1992
		BHD260009204-07-14	BHD260009204-07-14DL	BHD260009202-08-05	BHD260009202-08-09	BHD260009202-08-14	BHD260009202-09-04	BHD260009202-09-09	BHD260009202-09-14	BHD260009202-09-14DL
VOCs										
Acetone	67-64-1	< 0.013		< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.03
Benzene	71-43-2	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Bromodichloromethane	75-27-4	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Bromoform	75-25-2	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Bromomethane	74-83-9	< 0.013		< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.03
Carbon Disulfide	75-15-0	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Carbon Tetrachloride	56-23-5	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Chlorobenzene	108-90-7	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Chloroethane	75-00-3	< 0.013		< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.03
Chloroform	67-66-3	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	0.005 JD
Chloromethane	74-87-3	< 0.013		< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.03
cis-1,3-Dichloropropene	10061-01-5	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Dibromochloromethane	124-48-1	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Dichloroethane, 1,2-	107-06-2	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Dichloroethene, 1,1-	75-35-4	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Dichloroethene, 1,2- (Total)	540-59-0	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	0.5 E	0.59 D
Dichloropropane, 1,2-	78-87-5	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Dichloropropene, trans-1,3-	10061-02-6	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Ethylbenzene	100-41-4	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Hexanone, 2-	591-78-6	< 0.013		< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.03
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.013		< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.03
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.013		< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.03
Methylene Chloride	75-09-2	0.005 BJ		0.003 J	0.003 J	0.002 J	0.003 J	0.003 J	0.003 J	0.006 JD
Styrene	100-42-5	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Tetrachloroethene	127-18-4	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Toluene	108-88-3	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Trichloroethane, 1,1,1-	71-55-6	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Trichloroethane, 1,1,2-	79-00-5	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Trichloroethene	79-01-6	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	0.25 E	0.37 D
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4	< 0.013		< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.03
Vinyl Chloride	75-01-4	< 0.013		< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.03
Xylenes	1330-20-7	< 0.006		< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.015
Metals and Inorganics										
Aluminum	7429-90-5	12100 N		8790	18600	9560	12700	18000	13700	
Antimony	7440-36-0	< 3.9		< 3.6	< 3.8	< 3.9	< 3.7	< 3.8	< 3.6	
Arsenic	7440-38-2	4.4		4.3	4.5 S	6.8	7.2 S	4.2 S	8	
Barium	7440-39-3	220		153	168	336	141	161	172	
Beryllium	7440-41-7	0.84		0.77	0.97	0.81	0.88	0.93	0.83	

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2692BH07	D2692BH07	D2692BH08	D2692BH08	D2692BH08	D2692BH09	D2692BH09	D2692BH09	D2692BH09
		4/7/1992	4/7/1992	2/26/1992	2/27/1992	2/28/1992	2/26/1992	2/26/1992	2/26/1992	2/26/1992
		BHD260009204-07-14	BHD260009204-07-14DL	BHD260009202-08-05	BHD260009202-08-09	BHD260009202-08-14	BHD260009202-09-04	BHD260009202-09-09	BHD260009202-09-14	BHD260009202-09-14DL
Cadmium	7440-43-9	< 0.65		***0.76 N***	***0.63 N***	***1.5 N***	***0.78***	***0.71***	< 0.59	
Calcium	7440-70-2	3320		5340	5060	4160	5820	5670	4720	
Chromium, Total	7440-47-3	14.5		11.7 N	19.2 N	13.3 N	15	19.8	15.3	
Cobalt	7440-48-4	11.3		4.6 B	6.6	31.8	4 B	12.1	5.4 B	
Copper	7440-50-8	15.1		16.1	18.9	18.8	16	18.5	13.9	
Iron	7439-89-6	20200 *		14100	23400	21200	17000	16800	16200	
Lead	7439-92-1	8.8		10.9	***14.2***	***14.5***	***14.9***	10.8	***11.4***	
Magnesium	7439-95-4	2600		2180	3090	2540	2460	2820	2230	
Manganese	7439-96-5	818		213 N	246 N	2910 N	302	183	417	
Mercury	7439-97-6	< 0.03		< 0.02	< 0.03	0.03	< 0.02	< 0.03	< 0.02	
Nickel	7440-02-0	23.3		13	15.7	33.5	14.4	24.2	15.4	
Potassium	7440-09-7	1780		1120	2180	1670	1380	2240	1540	
Selenium	7782-49-2	< 0.26		< 0.24	< 0.25	< 0.77	< 0.25	< 0.25	< 0.24	
Silver	7440-22-4	< 0.65		< 0.6	< 0.63	< 0.64	< 0.62	< 0.63	< 0.59	
Sodium	7440-23-5	139 B		163 B	138 B	126 B	149 B	165 B	137 B	
Thallium (Soluble Salts)	7440-28-0	< 0.26		< 0.24	< 0.25	< 0.26	< 0.25	< 0.32	< 0.24	
Vanadium	NA	***23.1***		***17.2***	***26***	***31.6***	***14.7***	***29.5***	***19.1***	
Zinc	7440-66-6	***52.7***		43.3	***60.1***	***56***	***47***	***60.2 N***	***60.6 N***	
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 21	< 210	< 0.093	< 0.098	< 0.1	< 0.098	< 0.1	< 0.095	
Aroclor 1221	11104-28-2	< 21	< 210	< 0.093	< 0.098	< 0.1	< 0.098	< 0.1	< 0.095	
Aroclor 1232	11141-16-5	< 21	< 210	< 0.093	< 0.098	< 0.1	< 0.098	< 0.1	< 0.095	
Aroclor 1242	53469-21-9	40 XF	40 DX	0.19 X	< 0.098	< 0.1	< 0.098	< 0.1	< 0.095	
Aroclor 1248	12672-29-6	< 21	< 210	< 0.093	< 0.098	0.52 XF	< 0.098	< 0.1	< 0.095	
Aroclor 1254	11097-69-1	< 41	< 410	< 0.19	< 0.2	< 0.2	< 0.2	< 0.2	< 0.19	
Aroclor 1260	11096-82-5	< 41	< 410	< 0.19	< 0.2	< 0.2	< 0.2	< 0.2	< 0.19	
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		8		7 B	< 5	120 M	< 5	< 5	< 5	

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2692BH10	D2692BH10	D2692BH10	D2692BH10	D2692BH10	D2692BH10	D2692BH11	D2692BH11	D2692BH11
		4/9/1992	4/9/1992	4/9/1992	4/9/1992	4/9/1992	4/9/1992	4/9/1992	4/9/1992	4/9/1992
		BHD260009204-10-04	BHD260009204-10-04REDL	BHD260009204-10-09RE	BHD260009204-10-09REDL	BHD260009204-10-14	BHD260009204-10-14REDL	BHD260009204-11-04	BHD260009204-11-04DL	BHD260009204-11-09
VOCs										
Acetone	67-64-1	0.048				0.009 J		0.02		
Benzene	71-43-2	< 0.005				< 0.005		< 0.005		
Bromodichloromethane	75-27-4	< 0.005				< 0.005		< 0.005		
Bromoform	75-25-2	< 0.005				< 0.005		< 0.005		
Bromomethane	74-83-9	< 0.01				< 0.01		< 0.01		
Carbon Disulfide	75-15-0	< 0.005				< 0.005		< 0.005		
Carbon Tetrachloride	56-23-5	< 0.005				< 0.005		< 0.005		
Chlorobenzene	108-90-7	< 0.005				< 0.005		< 0.005		
Chloroethane	75-00-3	< 0.01				< 0.01		< 0.01		
Chloroform	67-66-3	< 0.005				< 0.005		< 0.005		
Chloromethane	74-87-3	< 0.01				< 0.01		< 0.01		
cis-1,3-Dichloropropene	10061-01-5	< 0.005				< 0.005		< 0.005		
Dibromochloromethane	124-48-1	< 0.005				< 0.005		< 0.005		
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.005				< 0.005		< 0.005		
Dichloroethane, 1,2-	107-06-2	< 0.005				< 0.005		< 0.005		
Dichloroethene, 1,1-	75-35-4	< 0.005				< 0.005		< 0.005		
Dichloroethene, 1,2- (Total)	540-59-0	< 0.005				0.002 J		< 0.005		
Dichloropropane, 1,2-	78-87-5	< 0.005				< 0.005		< 0.005		
Dichloropropene, trans-1,3-	10061-02-6	< 0.005				< 0.005		< 0.005		
Ethylbenzene	100-41-4	< 0.005				< 0.005		< 0.005		
Hexanone, 2-	591-78-6	< 0.01				< 0.01		< 0.01		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01				< 0.01		< 0.01		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01				< 0.01		< 0.01		
Methylene Chloride	75-09-2	0.006 B				0.005 BJ		0.005 BJ		
Styrene	100-42-5	< 0.005				< 0.005		< 0.005		
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.005				< 0.005		< 0.005		
Tetrachloroethene	127-18-4	< 0.005				< 0.005		< 0.005		
Toluene	108-88-3	< 0.005				< 0.005		< 0.005		
Trichloroethane, 1,1,1-	71-55-6	< 0.005				< 0.005		< 0.005		
Trichloroethane, 1,1,2-	79-00-5	< 0.005				< 0.005		< 0.005		
Trichloroethene	79-01-6	< 0.005				< 0.005		< 0.005		
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4	< 0.01				< 0.01		< 0.01		
Vinyl Chloride	75-01-4	< 0.01				0.067		< 0.01		
Xylenes	1330-20-7	< 0.005				< 0.005		< 0.005		
Metals and Inorganics										
Aluminum	7429-90-5	305 N				998 N		921 N		
Antimony	7440-36-0	< 3				***3.3*** ***N***		< 3.1		
Arsenic	7440-38-2	0.95 B				0.48 B		0.67 WB		
Barium	7440-39-3	8.1 B				21.3 B		15.9 B		
Beryllium	7440-41-7	< 0.1				< 0.11		0.12 B		

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2692BH10	D2692BH10	D2692BH10	D2692BH10	D2692BH10	D2692BH10	D2692BH11	D2692BH11	D2692BH11
		4/9/1992	4/9/1992	4/9/1992	4/9/1992	4/9/1992	4/9/1992	4/9/1992	4/9/1992	4/9/1992
		BHD260009204-10-04	BHD260009204-10-04REDL	BHD260009204-10-09RE	BHD260009204-10-09REDL	BHD260009204-10-14	BHD260009204-10-14REDL	BHD260009204-11-04	BHD260009204-11-04DL	BHD260009204-11-09
Cadmium	7440-43-9	< 0.51				< 0.55		< 0.51		
Calcium	7440-70-2	607				1010		58400		
Chromium, Total	7440-47-3	< 1				8.6		2.1		
Cobalt	7440-48-4	< 2				< 2.2		2		
Copper	7440-50-8	1.5 B				1.5 B		4.2		
Iron	7439-89-6	1290 *				1980 *		2550 *		
Lead	7439-92-1	2.4				3.1		3.8 S		
Magnesium	7439-95-4	97.2 B				245 B		1250		
Manganese	7439-96-5	18.7				35		76.4		
Mercury	7439-97-6	< 0.02				< 0.02		< 0.02		
Nickel	7440-02-0	< 2				2.4 B		3.3 B		
Potassium	7440-09-7	< 1.1				247 B		209 B		
Selenium	7782-49-2	< 0.2				< 0.22		< 0.2		
Silver	7440-22-4	< 0.51				< 0.55		< 0.51		
Sodium	7440-23-5	22.8 B				46.3 B		25.8 B		
Thallium (Soluble Salts)	7440-28-0	< 0.2				< 0.22		< 0.2		
Vanadium	NA	2 B				4.3 B		3.4 B		
Zinc	7440-66-6	3.4				7.7		6.7		
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.4	< 4	< 0.16	< 1.6	< 16	< 160	< 0.082	< 0.82	< 0.081
Aroclor 1221	11104-28-2	< 0.4	< 4	< 0.16	< 1.6	< 16	< 160	< 0.082	< 0.82	< 0.081
Aroclor 1232	11141-16-5	< 0.4	< 4	< 0.16	< 1.6	< 16	< 160	< 0.082	< 0.82	< 0.081
Aroclor 1242	53469-21-9	< 0.4	< 4	2.6 XF	3 DX	< 16	< 160	< 0.082	< 0.82	0.15 XZ
Aroclor 1248	12672-29-6	7.6 XF	11 DX	< 0.16	< 1.6	320 XF	390 XF	0.12 XZ	< 0.82	< 0.081
Aroclor 1254	11097-69-1	< 0.81	< 8.1	< 0.33	< 3.3	< 32	< 320	0.29 XZ	< 1.6	< 0.16
Aroclor 1260	11096-82-5	< 0.81	< 8.1	< 0.33	< 3.3	< 32	< 320	0.51 XZ	< 1.6	< 0.16
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2692BH12	D2692BH12	D2692BH12	D2692BH12	D2692BH12	D2692BH13	D2692BH13	D2692BH13	D2692BH14
		4/11/1992	4/11/1992	4/11/1992	4/11/1992	4/11/1992	6/3/1992	6/3/1992	6/3/1992	6/4/1992
		BHD260009204-12-04	BHD260009204-12-04DL	BHD260009204-12-09	BHD260009204-12-13	BHD260009204-12-13DL	BHD260009206-13-04	BHD260009206-13-07	BHD260009206-13-14	BHD260009206-14-03
VOCs										
Acetone	67-64-1			0.056 B	0.019		0.055 B		< 0.013	< 0.013
Benzene	71-43-2			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Bromodichloromethane	75-27-4			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Bromoform	75-25-2			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Bromomethane	74-83-9			< 0.01	< 0.013		< 0.012		< 0.013	< 0.013
Carbon Disulfide	75-15-0			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Carbon Tetrachloride	56-23-5			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Chlorobenzene	108-90-7			< 0.005	< 0.006					< 0.006
Chloroethane	75-00-3			< 0.01	< 0.013		< 0.012		< 0.013	< 0.013
Chloroform	67-66-3			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Chloromethane	74-87-3			< 0.01	< 0.013		< 0.012		< 0.013	< 0.013
cis-1,3-Dichloropropene	10061-01-5			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Dibromochloromethane	124-48-1			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Dichloroethane, 1,2-	107-06-2			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Dichloroethene, 1,1-	75-35-4			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Dichloroethene, 1,2- (Total)	540-59-0			< 0.005	0.002 J		0.004 J		0.036	0.09
Dichloropropane, 1,2-	78-87-5			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Dichloropropene, trans-1,3-	10061-02-6			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Ethylbenzene	100-41-4			< 0.005	< 0.006					< 0.006
Hexanone, 2-	591-78-6			0.003 J	< 0.013		< 0.012		< 0.013	< 0.013
Methyl Ethyl Ketone (2-Butanone)	78-93-3			0.002 J	< 0.013		0.027		< 0.013	< 0.013
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			< 0.01	< 0.013		< 0.012		< 0.013	< 0.013
Methylene Chloride	75-09-2			0.011 B	0.006 BJ		0.006 B		0.006 B	0.022 B
Styrene	100-42-5			< 0.005	< 0.006					< 0.006
Tetrachloroethane, 1,1,2,2-	79-34-5			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Tetrachloroethene	127-18-4			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Toluene	108-88-3			< 0.005	< 0.006					< 0.006
Trichloroethane, 1,1,1-	71-55-6			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Trichloroethane, 1,1,2-	79-00-5			< 0.005	< 0.006		< 0.006		< 0.006	< 0.006
Trichloroethene	79-01-6			< 0.005	< 0.006		0.006		0.012	0.007
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4			< 0.01	< 0.013		< 0.012		< 0.013	< 0.013
Vinyl Chloride	75-01-4			< 0.01	< 0.013		< 0.012		< 0.013	< 0.013
Xylenes	1330-20-7			< 0.005	0.001 J					< 0.006
Metals and Inorganics										
Aluminum	7429-90-5			1150 N			10900		7680	
Antimony	7440-36-0			< 3			< 0		< 0	
Arsenic	7440-38-2			2.1 S			5.1		1.8	
Barium	7440-39-3			57			230		146	
Beryllium	7440-41-7			0.21 B			0.98		0.76	

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2692BH12	D2692BH12	D2692BH12	D2692BH12	D2692BH12	D2692BH13	D2692BH13	D2692BH13	D2692BH14
		4/11/1992	4/11/1992	4/11/1992	4/11/1992	4/11/1992	6/3/1992	6/3/1992	6/3/1992	6/4/1992
		BHD260009204-12-04	BHD260009204-12-04DL	BHD260009204-12-09	BHD260009204-12-13	BHD260009204-12-13DL	BHD260009206-13-04	BHD260009206-13-07	BHD260009206-13-14	BHD260009206-14-03
Cadmium	7440-43-9			***1.4***			< 0		< 0	
Calcium	7440-70-2			4960			5250		3410	
Chromium, Total	7440-47-3			3.3			15.5		11.8	
Cobalt	7440-48-4			2.4 B			9.9		8.8	
Copper	7440-50-8			20.7			17.4		14.9	
Iron	7439-89-6			5950 *			16300		11900	
Lead	7439-92-1			***16.9***			***12.9***		***14***	
Magnesium	7439-95-4			297 B			2360		2130	
Manganese	7439-96-5			83.9			473		294	
Mercury	7439-97-6			< 0.05			< 0		< 0	
Nickel	7440-02-0			5.1			21.1		16.1	
Potassium	7440-09-7			185 B			1630		1680	
Selenium	7782-49-2			< 0.2			< 0		< 0	
Silver	7440-22-4			< 0.51			1.2		< 0	
Sodium	7440-23-5			46.3 B			184		411	
Thallium (Soluble Salts)	7440-28-0			< 0.2			< 0		< 0	
Vanadium	NA			6.1			***20.3***		***14.9***	
Zinc	7440-66-6			***452***			***53***		***49.5***	
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.082	< 0.41	< 0.082	< 0.1	< 1	< 0.098	< 0.096	< 0.1	< 0.099
Aroclor 1221	11104-28-2	< 0.082	< 0.41	< 0.082	< 0.1	< 1	< 0.098	< 0.096	< 0.1	< 0.099
Aroclor 1232	11141-16-5	< 0.082	< 0.41	< 0.082	< 0.1	< 1	< 0.098	< 0.096	< 0.1	< 0.099
Aroclor 1242	53469-21-9	0.17 X	0.21 DJX	< 0.082	1.3 XF	1.8 DX	< 0.098	< 0.096	< 0.1	< 0.099
Aroclor 1248	12672-29-6	< 0.082	< 0.41	0.064 JX	< 0.1	< 1	< 0.098	< 0.096	< 0.1	< 0.099
Aroclor 1254	11097-69-1	< 0.16	< 0.82	< 0.16	< 0.21	< 2.1	< 0.2	< 0.19	< 0.2	< 0.2
Aroclor 1260	11096-82-5	< 0.16	< 0.82	< 0.16	< 0.21	< 2.1	< 0.2	< 0.19	< 0.2	< 0.2
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)							9.4		< 5.1	

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2692BH14	D2692BH14	D26COR92BH01	D26COR92BH01	D26COR92BH02	D26D2091BH01	D26D2091BH01	D26D2091BH02	D26D2092BH03
		6/4/1992	6/4/1992	9/8/1992	9/8/1992	9/9/1992	6/5/1991	6/5/1991	6/6/1991	2/19/1992
		BHD260009206-14-08	BHD260009206-14-13	BHD26COR9209-01-08	BHD26COR9209-01-11	BHD26COR9209-02-09	BHD26D209106-01-04	BHD26D209106-01-13	BHD26D209106-02-08	BHD26D209202-03-04
VOCs										
Acetone	67-64-1	0.073 B	0.053 B	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromodichloromethane	75-27-4	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.059	< 0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01				< 0.01
Carbon Tetrachloride	56-23-5	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.03	< 0.006	< 0.01	< 0.01	0.015	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.059	< 0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.059	< 0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	124-48-1	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1			< 0.005	< 0.005	< 0.005				< 0.005
Dichlorobenzene, 1,3-	541-73-1			< 0.005	< 0.005	< 0.005				< 0.005
Dichlorobenzene, 1,4-	106-46-7			< 0.005	< 0.005	< 0.005				< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.03	< 0.006	0.031	0.014	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	***0.82***	0.24	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.031	< 0.01
Dichloropropane, 1,2-	78-87-5	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexanone, 2-	591-78-6	< 0.059	< 0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.059	< 0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.027	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.059	< 0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	0.082 B	0.026 B	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Styrene	100-42-5	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.03	< 0.006	0.059	0.075	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	0.11	0.003 J	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.024	< 0.01
Trichlorofluoromethane	75-69-4			< 0.01	< 0.01	< 0.01				< 0.01
Trichlorotrifluoroethane, 1,1,2-				0.14	0.1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4	< 0.059	< 0.013							
Vinyl Chloride	75-01-4	0.029 J	< 0.013	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.03	< 0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Metals and Inorganics										
Aluminum	7429-90-5	9660	11600	16300	16600	19100				23100
Antimony	7440-36-0	< 7.3	< 7.9	< 0.5	< 0.5	< 0.5				< 0.5
Arsenic	7440-38-2	6.4	7.5	5.95	11.2	8.2	5.43	5.43	3.89	2.53
Barium	7440-39-3	158	146	111	187	157	124	170	206	153
Beryllium	7440-41-7	0.78	1	0.65	0.65	0.7				0.695

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D2692BH14	D2692BH14	D26COR92BH01	D26COR92BH01	D26COR92BH02	D26D2091BH01	D26D2091BH01	D26D2091BH02	D26D2092BH03
		6/4/1992	6/4/1992	9/8/1992	9/8/1992	9/9/1992	6/5/1991	6/5/1991	6/6/1991	2/19/1992
		BHD260009206-14-08	BHD260009206-14-13	BHD26COR9209-01-08	BHD26COR9209-01-11	BHD26COR9209-02-09	BHD26D209106-01-04	BHD26D209106-01-13	BHD26D209106-02-08	BHD26D209202-03-04
Cadmium	7440-43-9	< 1.2	< 1.3	0.15	< 0.05	< 0.05	***3.58***	***4.08***	***2.6***	< 0.05
Calcium	7440-70-2	4250	4410	2770	2690	2990				4590
Chromium, Total	7440-47-3	14.1	16.2	17.1	18.2	20.7	***30.3***	***30.7***	25	24.1
Cobalt	7440-48-4	9.3	6.9	5.55	3.4	5.55				4.61
Copper	7440-50-8	13.7	15.8	12.5	11	11.8				10
Iron	7439-89-6	25000	20200	17200	19100	17900				14600
Lead	7439-92-1	***12.6***	***13.2***	10.5	10.5	10.5	***29.6***	***28.3***	***24.7***	7
Magnesium	7439-95-4	2680	3000	2480	2590	2850				2440
Manganese	7439-96-5	543	240	399	435	413				399
Mercury	7439-97-6	< 0.13	< 0.13	< 0.5	< 0.5	< 0.5	< 0.617	< 0.658	< 0.617	< 0.5
Nickel	7440-02-0	19.7	17.8	15.3	13.2	14.2				13.5
Potassium	7440-09-7	1850	2050	2380	2710	2900				3610
Selenium	7782-49-2	< 0.52	< 0.49	< 0.25	< 0.25	< 0.25	< 0.309	< 0.329	< 0.309	< 0.25
Silver	7440-22-4	1.4	< 1.3	< 1.5	< 1.5	< 1.5	< 1.85	< 1.97	< 1.85	< 1.5
Sodium	7440-23-5	418	< 185	121	160	118				153
Thallium (Soluble Salts)	7440-28-0	< 0.52	< 0.49	< 5	< 5	< 5				< 5
Vanadium	NA	***13.7***	***18.5***	***23.8***	***35.4***	***26.5***				***34.5***
Zinc	7440-66-6	***57.8***	***61.9***	***49.1***	***46.2***	***50***				43.5
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.1	< 0.11	< 50	< 50	< 250	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 0.1	< 0.11	< 50	< 50	< 250	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 0.1	< 0.11	< 50	< 50	< 250	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 0.1	< 0.11	76	620	4100	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 0.1	< 0.11	< 50	< 50	< 250	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 0.21	< 0.21	< 50	< 50	< 250	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 0.21	< 0.21	< 50	< 50	< 250	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics				< 5	< 5	< 5				
Fuel Oil				< 5	< 5	< 5				
Gasoline Range Organics				< 5	< 5	< 5				
Jet Fuel				< 5	< 5	< 5				
Kerosene	8008-20-6			< 5	< 5	< 5				
Mineral Spirits	64475-85-0			< 5	< 5	< 5				
Motor Oil				< 5	< 5	< 5				
TPH (Total)				480	2750	4600	< 20	< 20	< 20	< 5

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D26D2092BH03	D26D2092BH03	D26D2092BH04	D26D2092BH04	D26D2092BH04	D26D2092BH05	D26D2092BH05	D26D2092BH05	D26D2092BH05
		2/19/1992	2/19/1992	2/20/1992	2/20/1992	2/20/1992	2/21/1992	2/21/1992	2/21/1992	2/21/1992
		BHD26D209202-03-07	BHD26D209202-03-11	BHD26D209202-04-04	BHD26D209202-04-09	BHD26D209202-04-14	BHD26D209202-05-02	BHD26D209202-05-04	BHD26D209202-05-09	BHD26D209202-05-13
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Metals and Inorganics										
Aluminum	7429-90-5	20400	20400	24000	29000	20600	19600	18000	19800	20000
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	4.2	4.2	3.58	4.78	6.51	7	4.86	5.66	7.13
Barium	7440-39-3	137	137	182	226	193	147	135	136	154
Beryllium	7440-41-7	0.69	0.69	0.755	0.89	0.68	0.62	0.625	0.675	0.675

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D26D2092BH03	D26D2092BH03	D26D2092BH04	D26D2092BH04	D26D2092BH04	D26D2092BH05	D26D2092BH05	D26D2092BH05	D26D2092BH05
		2/19/1992	2/19/1992	2/20/1992	2/20/1992	2/20/1992	2/21/1992	2/21/1992	2/21/1992	2/21/1992
		BHD26D209202-03-07	BHD26D209202-03-11	BHD26D209202-04-04	BHD26D209202-04-09	BHD26D209202-04-14	BHD26D209202-05-02	BHD26D209202-05-04	BHD26D209202-05-09	BHD26D209202-05-13
Cadmium	7440-43-9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Calcium	7440-70-2	3090	3090	4000	3040	2680	3840	4010	2880	2870
Chromium, Total	7440-47-3	22.6	22.6	24.4	***27.4***	20.4	21.7	19.2	20.9	20.6
Cobalt	7440-48-4	4.3	4.3	5.74	6.48	12.3	8.92	4.6	5.01	5.43
Copper	7440-50-8	12.4	12.4	13.7	14.8	11	12.4	12.6	20.2	11.8
Iron	7439-89-6	16500	16500	17100	18300	16800	15200	15700	16700	16300
Lead	7439-92-1	3.5	3.5	7	***11.5***	8	8.5	< 2.5	3.5	2.5
Magnesium	7439-95-4	2790	2790	2610	3090	2590	1980	2170	2510	2640
Manganese	7439-96-5	323	323	993	488	847	808	337	511	502
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	16.9	16.9	15.8	15.7	15.9	16.9	16.3	17.4	15.7
Potassium	7440-09-7	2690	2690	3400	4680	3030	2830	1750	2430	2850
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	128	128	155	193	180	123	105	110	108
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	***28.6***	***28.6***	< 1	***46.7***	***35.9***	***31.3***	***22.6***	***27***	***30.9***
Zinc	7440-66-6	***51.5***	***51.5***	***49.5***	***51.9***	46	39.4	43.8	***52.7***	***48.1***
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D26D2092BH06	D26D2092BH06	D26D2092BH06	D26D2092BH06	D26D2092BH06	D26D2092BH07	D26D2092BH07	D26D2092BH07	D26D2092BH07
		2/11/1992	2/11/1992	2/11/1992	2/11/1992	2/11/1992	2/11/1992	2/11/1992	2/11/1992	2/11/1992
		BHD26D209202-06-02	BHD26D209202-06-04	BHD26D209202-06-07	BHD26D209202-06-09	BHD26D209202-06-14	BHD26D209202-07-02	BHD26D209202-07-04	BHD26D209202-07-06	BHD26D209202-07-14
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
Metals and Inorganics										
Aluminum	7429-90-5	22000	20000	25000	25600	19100	20200	26600		22400
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Arsenic	7440-38-2	5.05	7.51	5.4	5.57	4.12	4.8	7.82		6.22
Barium	7440-39-3	169	188	200	164	134	101	225		151
Beryllium	7440-41-7	0.705	0.675	0.74	0.76	0.585	0.715	0.79		0.715

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D26D2092BH06	D26D2092BH06	D26D2092BH06	D26D2092BH06	D26D2092BH06	D26D2092BH07	D26D2092BH07	D26D2092BH07	D26D2092BH07
		2/11/1992	2/11/1992	2/11/1992	2/11/1992	2/11/1992	2/11/1992	2/11/1992	2/11/1992	2/11/1992
		BHD26D209202-06-02	BHD26D209202-06-04	BHD26D209202-06-07	BHD26D209202-06-09	BHD26D209202-06-14	BHD26D209202-07-02	BHD26D209202-07-04	BHD26D209202-07-06	BHD26D209202-07-14
Cadmium	7440-43-9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05
Calcium	7440-70-2	4210	4550	2770	2430	2720	3860	4520		2880
Chromium, Total	7440-47-3	23.4	21.7	25.5	25.3	20.8	22.1	***28.7***		22.2
Cobalt	7440-48-4	5.61	6.97	6.15	7.65	3.07	5.49	7.24		3.17
Copper	7440-50-8	16.3	12.9	15.2	14.9	14.4	11.2	12.2		11.3
Iron	7439-89-6	16700	14900	17000	16700	14000	15300	18700		17200
Lead	7439-92-1	5	6.5	10.5	8	< 2.5	5	10		9
Magnesium	7439-95-4	2520	2220	2740	2610	2590	2310	2530		2920
Manganese	7439-96-5	642	348	538	521	263	347	1550		254
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Nickel	7440-02-0	17.3	16.6	16.3	14.2	13	< 2.5	< 2.5		< 2.5
Potassium	7440-09-7	2710	2340	3710	3980	2910	2870	4300		3600
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25		< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5		< 1.5
Sodium	7440-23-5	128	113	125	130	105	141	158		134
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5
Vanadium	NA	***31.8***	***31***	***40.2***	***40.5***	***28.6***	***34.9***	***48.3***		***38.9***
Zinc	7440-66-6	***53.4***	***49.7***	***51.6***	***47.9***	***50.8***	43.6	***48***		***47.1***
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D26D2092BH08	D26D2092BH08	D26D2092BH08	D26D2092BH08	D26D2092BH09	D26D2092BH09	D26D2092BH09	D26D2092BH10	D26D2092BH10
		2/23/1992	2/23/1992	2/23/1992	2/23/1992	2/28/1992	2/28/1992	2/28/1992	2/28/1992	2/29/1992
		BHD26D209202-08-02	BHD26D209202-08-04	BHD26D209202-08-09	BHD26D209202-08-13	BHD26D209202-09-04	BHD26D209202-09-09	BHD26D209202-09-14	BHD26D209202-10-04	BHD26D209202-10-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.074	0.042
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.042
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Metals and Inorganics										
Aluminum	7429-90-5	24700	12400	22000	24600	20800	23400	23800	17800	23000
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	7.27	3	2.92	9.1	5.25	5.64	5.82	4.48	4.81
Barium	7440-39-3	187	137	115	181	200	160	180	163	152
Beryllium	7440-41-7	0.74	***455***	0.73	0.725	0.67	0.755	0.77	0.62	0.66

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D26D2092BH08	D26D2092BH08	D26D2092BH08	D26D2092BH08	D26D2092BH09	D26D2092BH09	D26D2092BH09	D26D2092BH10	D26D2092BH10
		2/23/1992	2/23/1992	2/23/1992	2/23/1992	2/28/1992	2/28/1992	2/28/1992	2/28/1992	2/29/1992
		BHD26D209202-08-02	BHD26D209202-08-04	BHD26D209202-08-09	BHD26D209202-08-13	BHD26D209202-09-04	BHD26D209202-09-09	BHD26D209202-09-14	BHD26D209202-10-04	BHD26D209202-10-09
Cadmium	7440-43-9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Calcium	7440-70-2	3650	2150	2850	2740	3700	2890	2850	3100	2220
Chromium, Total	7440-47-3	25.4	14.5	21.5	24.2	22.7	24.7	25.8	19.7	23.2
Cobalt	7440-48-4	3.69	4.2	6.26	8.36	5.98	5.71	9.18	4.24	4.3
Copper	7440-50-8	13.3	9.15	***30***	12.6	21.2	27.4	12.2	***28.5***	14.4
Iron	7439-89-6	16700	9500	17700	16900	16900	18100	17100	15100	15600
Lead	7439-92-1	10.5	10.5	6.5	11	10.5	***14.5***	***12***	9.5	***12.5***
Magnesium	7439-95-4	2770	1490	2630	2800	2670	3060	3080	2180	2120
Manganese	7439-96-5	469	355	494	649	588	546	772	377	388
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	16.8	8.85	14.8	17.5	16.6	15.5	15.5	15.8	14.1
Potassium	7440-09-7	3470	2400	2800	4290	3200	3350	4900	2450	4260
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	190	113	141	188	129	108	147	101	136
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	***40.6***	***24.2***	***32***	***39.8***	***30.8***	***39.1***	***41.1***	***29.1***	***37.1***
Zinc	7440-66-6	46	37.2	***55.3***	45.5	***49.5***	***50.2***	***50.6***	43.2	38.2
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	8 B	< 5

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D26D2092BH10
		2/29/1992
		BHD26D209202-10-14
VOCs		
Acetone	67-64-1	< 0.01
Benzene	71-43-2	< 0.01
Bromodichloromethane	75-27-4	< 0.01
Bromoform	75-25-2	< 0.01
Bromomethane	74-83-9	< 0.01
Carbon Disulfide	75-15-0	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01
Chlorobenzene	108-90-7	< 0.01
Chloroethane	75-00-3	< 0.01
Chloroform	67-66-3	< 0.01
Chloromethane	74-87-3	< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.01
Dibromochloromethane	124-48-1	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	0.105
Dichloropropane, 1,2-	78-87-5	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01
Ethylbenzene	100-41-4	< 0.01
Hexanone, 2-	591-78-6	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01
Methylene Chloride	75-09-2	< 0.01
Styrene	100-42-5	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01
Tetrachloroethene	127-18-4	< 0.01
Toluene	108-88-3	< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01
Trichloroethene	79-01-6	0.018
Trichlorofluoromethane	75-69-4	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005
Vinyl Acetate	108-05-4	
Vinyl Chloride	75-01-4	< 0.01
Xylenes	1330-20-7	< 0.01
Metals and Inorganics		
Aluminum	7429-90-5	15100
Antimony	7440-36-0	< 0.5
Arsenic	7440-38-2	5.71
Barium	7440-39-3	153
Beryllium	7440-41-7	0.62

Table A-4
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D-13 to D26)
Bannister Federal Complex

Chemical	CAS	D26D2092BH10
		2/29/1992
		BHD26D209202-10-14
Cadmium	7440-43-9	***1.42***
Calcium	7440-70-2	2770
Chromium, Total	7440-47-3	15.7
Cobalt	7440-48-4	5.76
Copper	7440-50-8	12.1
Iron	7439-89-6	15800
Lead	7439-92-1	6
Magnesium	7439-95-4	2360
Manganese	7439-96-5	547
Mercury	7439-97-6	< 0.5
Nickel	7440-02-0	14.9
Potassium	7440-09-7	2310
Selenium	7782-49-2	< 0.25
Silver	7440-22-4	< 1.5
Sodium	7440-23-5	114
Thallium (Soluble Salts)	7440-28-0	< 5
Vanadium	NA	***26***
Zinc	7440-66-6	***47.6***
PCBs and Dioxins		
Aroclor 1016	12674-11-2	< 1
Aroclor 1221	11104-28-2	< 1
Aroclor 1232	11141-16-5	< 1
Aroclor 1242	53469-21-9	< 1
Aroclor 1248	12672-29-6	< 1
Aroclor 1254	11097-69-1	< 1
Aroclor 1260	11096-82-5	< 1
Hydrocarbons		
Diesel Range Organics		
Fuel Oil		
Gasoline Range Organics		
Jet Fuel		
Kerosene	8008-20-6	
Mineral Spirits	64475-85-0	
Motor Oil		
TPH (Total)		< 5

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27I93BH01	D27I93BH01	D27I93BH01	D27I93BH02	D27I93BH02	D27I93BH03	D27I93BH03	D27I93BH03	D27I93BH04
		11/16/1993	11/16/1993	11/16/1993	11/17/1993	11/17/1993	11/18/1993	11/18/1993	11/18/1993	11/19/1993
		BH27I0009311-01-05	BH27I0009311-01-10	BH27I0009311-01-15	BH27I0009311-02-06	BH27I0009311-02-15	BH27I0009311-03-04	BH27I0009311-03-10	BH27I0009311-03-15	BH27I0009311-04-05
VOCs										
Acetone	67-64-1	< 0.01			< 0.01		< 0.01			< 0.01
Benzene	71-43-2	< 0.01			< 0.01		< 0.01			< 0.01
Bromodichloromethane	75-27-4	< 0.01			< 0.01		< 0.01			< 0.01
Bromoform	75-25-2	< 0.01			< 0.01		< 0.01			< 0.01
Bromomethane	74-83-9	< 0.01			< 0.01		< 0.01			< 0.01
Carbon Disulfide	75-15-0	< 0.01			< 0.01		< 0.01			< 0.01
Carbon Tetrachloride	56-23-5	< 0.01			< 0.01		< 0.01			< 0.01
Chlorobenzene	108-90-7	< 0.01			< 0.01		< 0.01			< 0.01
Chloroethane	75-00-3	< 0.01			< 0.01		< 0.01			< 0.01
Chloroform	67-66-3	< 0.01			< 0.01		< 0.01			< 0.01
Chloromethane	74-87-3	< 0.01			< 0.01		< 0.01			< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.01			< 0.01		< 0.01			< 0.01
Dibromochloromethane	124-48-1	< 0.01			< 0.01		< 0.01			< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005			< 0.005		< 0.005			< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005			< 0.005		< 0.005			< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005			< 0.005		< 0.005			< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01			< 0.01		< 0.01			< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01			< 0.01		< 0.01			< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01			< 0.01		< 0.01			< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01			< 0.01		< 0.01			< 0.01
Dichloropropane, 1,2-	78-87-5	< 0.01			< 0.01		< 0.01			< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01			< 0.01		< 0.01			< 0.01
Ethylbenzene	100-41-4	< 0.01			< 0.01		< 0.01			< 0.01
Hexanone, 2-	591-78-6	< 0.01			< 0.01		< 0.01			< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01			< 0.01		< 0.01			< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01			< 0.01		< 0.01			< 0.01
Methylene Chloride	75-09-2	< 0.01			< 0.01		< 0.01			< 0.01
Styrene	100-42-5	< 0.01			< 0.01		< 0.01			< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01			< 0.01		< 0.01			< 0.01
Tetrachloroethene	127-18-4	< 0.01			< 0.01		< 0.01			< 0.01
Toluene	108-88-3	< 0.01			< 0.01		< 0.01			0.015
Trichloroethane, 1,1,1-	71-55-6	< 0.01			< 0.01		< 0.01			< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01			< 0.01		< 0.01			< 0.01
Trichloroethene	79-01-6	< 0.01			< 0.01		< 0.01			< 0.01
Trichlorofluoromethane	75-69-4	< 0.01			< 0.01		< 0.01			< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005			< 0.005		0.015			< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01			< 0.01		< 0.01			< 0.01
Xylenes	1330-20-7	< 0.01			< 0.01		< 0.01			< 0.01
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5	11400			10100		14500			9910
Antimony	7440-36-0	< 1			< 1		< 1			< 1
Arsenic	7440-38-2	3.59			3.06		2.76			7.76

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27I93BH01	D27I93BH01	D27I93BH01	D27I93BH02	D27I93BH02	D27I93BH03	D27I93BH03	D27I93BH03	D27I93BH04
		11/16/1993	11/16/1993	11/16/1993	11/17/1993	11/17/1993	11/18/1993	11/18/1993	11/18/1993	11/19/1993
		BH27I0009311-01-05	BH27I0009311-01-10	BH27I0009311-01-15	BH27I0009311-02-06	BH27I0009311-02-15	BH27I0009311-03-04	BH27I0009311-03-10	BH27I0009311-03-15	BH27I0009311-04-05
Barium	7440-39-3	136			192		128			388
Beryllium	7440-41-7	0.6			0.6		0.7			0.6
Cadmium	7440-43-9	0.4			< 0.2		< 0.2			0.7
Calcium	7440-70-2	4670			4430		4008			4260
Chromium, Total	7440-47-3	13.9			13		19.5			12.1
Cobalt	7440-48-4	5.9			6.6		7.6			< 5
Copper	7440-50-8	12.4			13.7		13.9			11.1
Iron	7439-89-6	13300			12700		14300			16700
Lead	7439-92-1	18			16		16			18
Magnesium	7439-95-4	1800			1850		2272			1760
Manganese	7439-96-5	362			593		177			335
Mercury	7439-97-6	< 0.5			< 0.5		< 0.5			< 0.5
Nickel	7440-02-0	15.1			11.3		18.8			10.7
Potassium	7440-09-7	1300			1140		17			1220
Selenium	7782-49-2	0.52			< 0.5		< 0.5			< 0.5
Silver	7440-22-4	< 3			< 3		< 3			< 3
Sodium	7440-23-5	79.3			149		74			113
Thallium (Soluble Salts)	7440-28-0	< 1			< 1		< 1			< 1
Vanadium	NA	16.2			17.3		24			13.2
Zinc	7440-66-6	54.8			42.7		52			1000
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics		< 10			< 10		< 10			< 10
Fuel Oil		< 10			< 10		< 10			< 10
Gasoline Range Organics		< 10			< 10		< 10			< 10
Jet Fuel		< 10			< 10		< 10			< 10
Kerosene	8008-20-6	< 10			< 10		< 10			< 10
Mineral Spirits	64475-85-0	< 10			< 10		< 10			< 10
Motor Oil		< 10			< 10		< 10			< 10
TPH (Total)		< 10			< 10		< 10			< 10

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27I93BH04	D27I93BH04	D27I93BH05	D27I93BH05	D27I93BH05	D27I93BH06	D27I93BH06	D27I93BH06	D27I93BH07
		11/19/1993	11/19/1993	11/20/1993	11/20/1993	11/20/1993	11/21/1993	11/21/1993	11/21/1993	11/22/1993
		BH27I0009311-04-10	BH27I0009311-04-15	BH27I0009311-05-05	BH27I0009311-05-10	BH27I0009311-05-15	BH27I0009311-06-05	BH27I0009311-06-10	BH27I0009311-06-15	BH27I0009311-07-05
VOCs										
Acetone	67-64-1			< 0.01		< 0.01	< 0.01			< 0.01
Benzene	71-43-2			< 0.01		< 0.01	< 0.01			< 0.01
Bromodichloromethane	75-27-4			< 0.01		< 0.01	< 0.01			< 0.01
Bromoform	75-25-2			< 0.01		< 0.01	< 0.01			< 0.01
Bromomethane	74-83-9			< 0.01		< 0.01	< 0.01			< 0.01
Carbon Disulfide	75-15-0			< 0.01		< 0.01	< 0.01			< 0.01
Carbon Tetrachloride	56-23-5			< 0.01		< 0.01	< 0.01			< 0.01
Chlorobenzene	108-90-7			< 0.01		< 0.01	< 0.01			< 0.01
Chloroethane	75-00-3			< 0.01		< 0.01	< 0.01			< 0.01
Chloroform	67-66-3			< 0.01		< 0.01	< 0.01			< 0.01
Chloromethane	74-87-3			< 0.01		< 0.01	< 0.01			< 0.01
cis-1,3-Dichloropropene	10061-01-5			< 0.01		< 0.01	< 0.01			< 0.01
Dibromochloromethane	124-48-1			< 0.01		< 0.01	< 0.01			< 0.01
Dichlorobenzene, 1,2-	95-50-1			< 0.005		< 0.005	< 0.005			0.12
Dichlorobenzene, 1,3-	541-73-1			< 0.005		< 0.005	< 0.005			< 0.005
Dichlorobenzene, 1,4-	106-46-7			< 0.005		< 0.005	< 0.005			< 0.005
Dichloroethane, 1,1-	75-34-3			< 0.01		< 0.01	< 0.01			< 0.01
Dichloroethane, 1,2-	107-06-2			< 0.01		< 0.01	< 0.01			< 0.01
Dichloroethene, 1,1-	75-35-4			< 0.01		< 0.01	< 0.01			< 0.01
Dichloroethene, 1,2- (Total)	540-59-0			< 0.01		0.03	< 0.01			< 0.01
Dichloropropane, 1,2-	78-87-5			< 0.01		< 0.01	< 0.01			< 0.01
Dichloropropene, trans-1,3-	10061-02-6			< 0.01		< 0.01	< 0.01			< 0.01
Ethylbenzene	100-41-4			< 0.01		< 0.01	< 0.01			< 0.01
Hexanone, 2-	591-78-6			< 0.01		< 0.01	< 0.01			< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 0.01		< 0.01	< 0.01			< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			< 0.01		< 0.01	< 0.01			< 0.01
Methylene Chloride	75-09-2			< 0.01		< 0.01	< 0.01			< 0.01
Styrene	100-42-5			< 0.01		< 0.01	< 0.01			< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5			< 0.01		< 0.01	< 0.01			< 0.01
Tetrachloroethene	127-18-4			< 0.01		< 0.01	< 0.01			< 0.01
Toluene	108-88-3			< 0.01		< 0.01	< 0.01			< 0.01
Trichloroethane, 1,1,1-	71-55-6			< 0.01		< 0.01	< 0.01			< 0.01
Trichloroethane, 1,1,2-	79-00-5			< 0.01		< 0.01	< 0.01			< 0.01
Trichloroethene	79-01-6			< 0.01		< 0.01	< 0.01			< 0.01
Trichlorofluoromethane	75-69-4			< 0.01		< 0.01	< 0.01			< 0.01
Trichlorotrifluoroethane, 1,1,2-				< 0.005		< 0.005	< 0.005			< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4			< 0.01		< 0.01	< 0.01			< 0.01
Xylenes	1330-20-7			< 0.01		< 0.01	< 0.01			< 0.01
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5			11200		10400	8540			9480
Antimony	7440-36-0			< 1		< 1	< 1			< 1
Arsenic	7440-38-2			5.29		5.99	2.68			2.02

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27I93BH04	D27I93BH04	D27I93BH05	D27I93BH05	D27I93BH05	D27I93BH06	D27I93BH06	D27I93BH06	D27I93BH07
		11/19/1993	11/19/1993	11/20/1993	11/20/1993	11/20/1993	11/21/1993	11/21/1993	11/21/1993	11/22/1993
		BH27I0009311-04-10	BH27I0009311-04-15	BH27I0009311-05-05	BH27I0009311-05-10	BH27I0009311-05-15	BH27I0009311-06-05	BH27I0009311-06-10	BH27I0009311-06-15	BH27I0009311-07-05
Barium	7440-39-3			109		128	146			148
Beryllium	7440-41-7			0.6		0.6	0.5			0.5
Cadmium	7440-43-9			0.3		0.4	< 0.2			< 0.2
Calcium	7440-70-2			3640		3120	4100			9530
Chromium, Total	7440-47-3			14.1		13.4	11			12.5
Cobalt	7440-48-4			< 5		< 5	< 5			< 5
Copper	7440-50-8			12.6		11.7	11.4			10.1
Iron	7439-89-6			12600		15900	9400			10960
Lead	7439-92-1			1.2		15	19			13
Magnesium	7439-95-4			1660		2250	1610			1710
Manganese	7439-96-5			359		464	292			333
Mercury	7439-97-6			< 0.5		< 0.5	< 0.5			< 0.5
Nickel	7440-02-0			12.9		14.3	10.8			10.8
Potassium	7440-09-7			1640		1570	1200			976
Selenium	7782-49-2			14		< 0.5	< 0.5			0.6
Silver	7440-22-4			< 3		< 3	< 3			< 3
Sodium	7440-23-5			102		70.7	99.8			77.8
Thallium (Soluble Salts)	7440-28-0			< 1		< 1	< 1			< 1
Vanadium	NA			18.9		17.3	12.2			14.6
Zinc	7440-66-6			58.4		46.8	44.3			38.1
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics				< 10		< 10	< 10			< 10
Fuel Oil				< 10		< 10	< 10			< 10
Gasoline Range Organics				< 10		< 10	< 10			< 10
Jet Fuel				< 10		< 10	< 10			< 10
Kerosene	8008-20-6			< 10		< 10	< 10			< 10
Mineral Spirits	64475-85-0			< 10		< 10	< 10			< 10
Motor Oil				< 10		< 10	< 10			< 10
TPH (Total)				< 10		< 10	< 10			< 10

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27I93BH07	D27I93BH07	D27I93BH08	D27I93BH08	D27I93BH08	D27I94BH09	D27I94BH09	D27I94BH09	D27I94BH09
		11/22/1993	11/22/1993	11/23/1993	11/23/1993	11/23/1993	1/12/1994	1/12/1994	1/12/1994	1/12/1994
		BH27I0009311-07-10	BH27I0009311-07-15	BH27I0009311-08-05	BH27I0009311-08-10	BH27I0009311-08-15	BH27I0009401-09-03	BH27I0009401-09-08	BH27I0009401-09-13	BH27I0009401-09-15
VOCs										
Acetone	67-64-1			< 0.01			< 0.01			< 0.01
Benzene	71-43-2			< 0.01			< 0.01			< 0.01
Bromodichloromethane	75-27-4			< 0.01			< 0.01			< 0.01
Bromoform	75-25-2			< 0.01			< 0.01			< 0.01
Bromomethane	74-83-9			< 0.01			< 0.01			< 0.01
Carbon Disulfide	75-15-0			< 0.01			< 0.01			< 0.01
Carbon Tetrachloride	56-23-5			< 0.01			< 0.01			< 0.01
Chlorobenzene	108-90-7			< 0.01			< 0.01			< 0.01
Chloroethane	75-00-3			< 0.01			< 0.01			< 0.01
Chloroform	67-66-3			< 0.01			< 0.01			< 0.01
Chloromethane	74-87-3			< 0.01			< 0.01			< 0.01
cis-1,3-Dichloropropene	10061-01-5			< 0.01			< 0.01			< 0.01
Dibromochloromethane	124-48-1			< 0.01			< 0.01			< 0.01
Dichlorobenzene, 1,2-	95-50-1			< 0.005			< 0.005			< 0.005
Dichlorobenzene, 1,3-	541-73-1			< 0.005			< 0.005			< 0.005
Dichlorobenzene, 1,4-	106-46-7			< 0.005			< 0.005			< 0.005
Dichloroethane, 1,1-	75-34-3			< 0.01			< 0.01			< 0.01
Dichloroethane, 1,2-	107-06-2			< 0.01			< 0.01			< 0.01
Dichloroethene, 1,1-	75-35-4			< 0.01			< 0.01			< 0.01
Dichloroethene, 1,2- (Total)	540-59-0			< 0.01			< 0.01			0.084
Dichloropropane, 1,2-	78-87-5			< 0.01			< 0.01			< 0.01
Dichloropropene, trans-1,3-	10061-02-6			< 0.01			< 0.01			< 0.01
Ethylbenzene	100-41-4			< 0.01			< 0.01			< 0.01
Hexanone, 2-	591-78-6			< 0.01			< 0.01			< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 0.01			< 0.01			< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			< 0.01			< 0.01			< 0.01
Methylene Chloride	75-09-2			< 0.01			< 0.01			< 0.01
Styrene	100-42-5			< 0.01			< 0.01			< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5			< 0.01			< 0.01			< 0.01
Tetrachloroethene	127-18-4			< 0.01			< 0.01			< 0.01
Toluene	108-88-3			< 0.01			< 0.01			< 0.01
Trichloroethane, 1,1,1-	71-55-6			< 0.01			< 0.01			< 0.01
Trichloroethane, 1,1,2-	79-00-5			< 0.01			< 0.01			< 0.01
Trichloroethene	79-01-6			< 0.01			< 0.01			< 0.01
Trichlorofluoromethane	75-69-4			< 0.01			< 0.01			< 0.01
Trichlorotrifluoroethane, 1,1,2-				< 0.005			< 0.005			< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4			< 0.01			< 0.01			< 0.01
Xylenes	1330-20-7			< 0.01			< 0.01			< 0.01
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5			9890			12500			10700
Antimony	7440-36-0			< 1			< 1			< 1
Arsenic	7440-38-2			2.01			6.12			7.56

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27I93BH07	D27I93BH07	D27I93BH08	D27I93BH08	D27I93BH08	D27I94BH09	D27I94BH09	D27I94BH09	D27I94BH09
		11/22/1993	11/22/1993	11/23/1993	11/23/1993	11/23/1993	1/12/1994	1/12/1994	1/12/1994	1/12/1994
		BH27I0009311-07-10	BH27I0009311-07-15	BH27I0009311-08-05	BH27I0009311-08-10	BH27I0009311-08-15	BH27I0009401-09-03	BH27I0009401-09-08	BH27I0009401-09-13	BH27I0009401-09-15
Barium	7440-39-3			161			170			109
Beryllium	7440-41-7			0.6			0.6			0.5
Cadmium	7440-43-9			< 0.2			< 0.2			< 0.2
Calcium	7440-70-2			4410			3610			2870
Chromium, Total	7440-47-3			12.8			16.4			13
Cobalt	7440-48-4			< 5			6.5			< 5
Copper	7440-50-8			11.6			12.4			10.2
Iron	7439-89-6			12400			18800			13100
Lead	7439-92-1			16			13			14
Magnesium	7439-95-4			1650			1940			2160
Manganese	7439-96-5			245			543			354
Mercury	7439-97-6			< 0.5			< 0.1			< 0.1
Nickel	7440-02-0			13.7			18.3			12.9
Potassium	7440-09-7			1090			1400			1470
Selenium	7782-49-2			< 0.5			< 0.5			< 0.5
Silver	7440-22-4			< 3			< 3			< 3
Sodium	7440-23-5			73.6			114			95.8
Thallium (Soluble Salts)	7440-28-0			< 1			< 1			< 1
Vanadium	NA			14.8			18.2			15
Zinc	7440-66-6			41.8			53.3			45
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics				< 10			< 10			< 10
Fuel Oil				< 10			< 10			< 10
Gasoline Range Organics				< 10			< 10			< 10
Jet Fuel				< 10			< 10			< 10
Kerosene	8008-20-6			< 10			< 10			< 10
Mineral Spirits	64475-85-0			< 10			< 10			< 10
Motor Oil				< 10			< 10			< 10
TPH (Total)				< 10			< 10			< 10

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27I94BH10	D27I94BH10	D27I94BH10	D27I94BH11	D27I94BH11	D27I94BH11	D27I94BH12	D27I94BH12	D27I94BH12
		1/12/1994	1/12/1994	1/12/1994	1/13/1994	1/13/1994	1/13/1994	1/14/1994	1/14/1994	1/14/1994
		BH27I0009401-10-04	BH27I0009401-10-09	BH27I0009401-10-14	BH27I0009401-11-02	BH27I0009401-11-09	BH27I0009401-11-14	BH27I0009401-12-04	BH27I0009401-12-09	BH27I0009401-12-14
VOCs										
Acetone	67-64-1	< 0.01			< 0.01			< 0.01		
Benzene	71-43-2	< 0.01			< 0.01			< 0.01		
Bromodichloromethane	75-27-4	< 0.01			< 0.01			< 0.01		
Bromoform	75-25-2	< 0.01			< 0.01			< 0.01		
Bromomethane	74-83-9	< 0.01			< 0.01			< 0.01		
Carbon Disulfide	75-15-0	< 0.01			< 0.01			< 0.01		
Carbon Tetrachloride	56-23-5	< 0.01			< 0.01			< 0.01		
Chlorobenzene	108-90-7	< 0.01			< 0.01			< 0.01		
Chloroethane	75-00-3	< 0.01			< 0.01			< 0.01		
Chloroform	67-66-3	< 0.01			< 0.01			< 0.01		
Chloromethane	74-87-3	< 0.01			< 0.01			< 0.01		
cis-1,3-Dichloropropene	10061-01-5	< 0.01			< 0.01			< 0.01		
Dibromochloromethane	124-48-1	< 0.01			< 0.01			< 0.01		
Dichlorobenzene, 1,2-	95-50-1	< 0.005			< 0.005			< 0.005		
Dichlorobenzene, 1,3-	541-73-1	< 0.005			< 0.005			< 0.005		
Dichlorobenzene, 1,4-	106-46-7	< 0.005			< 0.005			< 0.005		
Dichloroethane, 1,1-	75-34-3	< 0.01			< 0.01			< 0.01		
Dichloroethane, 1,2-	107-06-2	< 0.01			< 0.01			< 0.01		
Dichloroethene, 1,1-	75-35-4	< 0.01			< 0.01			< 0.01		
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01			< 0.01			< 0.01		
Dichloropropane, 1,2-	78-87-5	< 0.01			< 0.01			< 0.01		
Dichloropropene, trans-1,3-	10061-02-6	< 0.01			< 0.01			< 0.01		
Ethylbenzene	100-41-4	< 0.01			< 0.01			< 0.01		
Hexanone, 2-	591-78-6	< 0.01			< 0.01			< 0.01		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01			< 0.01			< 0.01		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01			< 0.01			< 0.01		
Methylene Chloride	75-09-2	< 0.01			< 0.01			< 0.01		
Styrene	100-42-5	< 0.01			< 0.01			< 0.01		
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01			< 0.01			< 0.01		
Tetrachloroethene	127-18-4	< 0.01			< 0.01			< 0.01		
Toluene	108-88-3	< 0.01			< 0.01			< 0.01		
Trichloroethane, 1,1,1-	71-55-6	< 0.01			< 0.01			< 0.01		
Trichloroethane, 1,1,2-	79-00-5	< 0.01			< 0.01			< 0.01		
Trichloroethene	79-01-6	< 0.01			< 0.01			< 0.01		
Trichlorofluoromethane	75-69-4	< 0.01			< 0.01			< 0.01		
Trichlorotrifluoroethane, 1,1,2-		< 0.005			< 0.005			< 0.005		
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01			< 0.01			< 0.01		
Xylenes	1330-20-7	< 0.01			< 0.01			< 0.01		
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5	8600			11600			9010		
Antimony	7440-36-0	< 1			< 1			< 1		
Arsenic	7440-38-2	1.16			4.93			1.75		

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27I94BH10	D27I94BH10	D27I94BH10	D27I94BH11	D27I94BH11	D27I94BH11	D27I94BH12	D27I94BH12	D27I94BH12
		1/12/1994	1/12/1994	1/12/1994	1/13/1994	1/13/1994	1/13/1994	1/14/1994	1/14/1994	1/14/1994
		BH27I0009401-10-04	BH27I0009401-10-09	BH27I0009401-10-14	BH27I0009401-11-02	BH27I0009401-11-09	BH27I0009401-11-14	BH27I0009401-12-04	BH27I0009401-12-09	BH27I0009401-12-14
Barium	7440-39-3	164			144			135		
Beryllium	7440-41-7	0.5			0.7			0.6		
Cadmium	7440-43-9	< 0.2			0.2			< 0.2		
Calcium	7440-70-2	3590			4060			3360		
Chromium, Total	7440-47-3	4.4			14.9			11.2		
Cobalt	7440-48-4	6.4			5.6			< 5		
Copper	7440-50-8	6.6			13.9			9.3		
Iron	7439-89-6	1710			15700			12000		
Lead	7439-92-1	13			11			< 1		
Magnesium	7439-95-4	1830			2080			1530		
Manganese	7439-96-5	141			254			503		
Mercury	7439-97-6	< 0.1			< 0.1			< 0.1		
Nickel	7440-02-0	15.4			20.4			19.7		
Potassium	7440-09-7	1370			1360			866		
Selenium	7782-49-2	< 0.5			< 0.5			< 0.5		
Silver	7440-22-4	< 3			< 3			< 3		
Sodium	7440-23-5	93.9			93.1			89		
Thallium (Soluble Salts)	7440-28-0	< 1			< 1			< 1		
Vanadium	NA	< 2			18.2			9.3		
Zinc	7440-66-6	46.8			44.7			47.8		
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics		< 10			< 10			< 10		
Fuel Oil		< 10			< 10			< 10		
Gasoline Range Organics		< 10			< 10			< 10		
Jet Fuel		< 10			< 10			< 10		
Kerosene	8008-20-6	< 10			< 10			< 10		
Mineral Spirits	64475-85-0	< 10			< 10			< 10		
Motor Oil		< 10			< 10			< 10		
TPH (Total)		< 10			< 10			< 10		

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27I94BH13	D27I94BH13	D27I94BH13	D27I94BH14	D27I94BH14	D27I94BH14	D27O89BH01	D27O89BH01	D27O89BH01
		1/16/1994	1/16/1994	1/16/1994	1/17/1994	1/17/1994	1/17/1994	4/27/1989	4/27/1989	4/27/1989
		BH27I0009401-13-04	BH27I0009401-13-09	BH27I0009401-13-14	BH27I0009401-14-04	BH27I0009401-14-09	BH27I0009401-14-14	BH27O0008904-01-02	BH27O0008904-01-03	BH27O0008904-01-06
VOCs										
Acetone	67-64-1	< 0.01			< 0.01		< 0.01			
Benzene	71-43-2	< 0.01			< 0.01		< 0.01			
Bromodichloromethane	75-27-4	< 0.01			< 0.01		< 0.01			
Bromoform	75-25-2	< 0.01			< 0.01		< 0.01			
Bromomethane	74-83-9	< 0.01			< 0.01		< 0.01			
Carbon Disulfide	75-15-0	< 0.01			< 0.01		< 0.01			
Carbon Tetrachloride	56-23-5	< 0.01			< 0.01		< 0.01			
Chlorobenzene	108-90-7	< 0.01			< 0.01		0.035			
Chloroethane	75-00-3	< 0.01			< 0.01		< 0.01			
Chloroform	67-66-3	< 0.01			< 0.01		< 0.01			
Chloromethane	74-87-3	< 0.01			< 0.01		< 0.01			
cis-1,3-Dichloropropene	10061-01-5	< 0.01			< 0.01		< 0.01			
Dibromochloromethane	124-48-1	< 0.01			< 0.01		< 0.01			
Dichlorobenzene, 1,2-	95-50-1	< 0.005			< 0.005		0.13			
Dichlorobenzene, 1,3-	541-73-1	< 0.005			< 0.005		< 0.005			
Dichlorobenzene, 1,4-	106-46-7	< 0.005			< 0.005		< 0.005			
Dichloroethane, 1,1-	75-34-3	< 0.01			< 0.01		< 0.01			
Dichloroethane, 1,2-	107-06-2	< 0.01			< 0.01		< 0.01			
Dichloroethene, 1,1-	75-35-4	< 0.01			< 0.01		< 0.01			
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01			0.014		0.13			
Dichloropropane, 1,2-	78-87-5	< 0.01			< 0.01		< 0.01			
Dichloropropene, trans-1,3-	10061-02-6	< 0.01			< 0.01		< 0.01			
Ethylbenzene	100-41-4	< 0.01			< 0.01		< 0.01			
Hexanone, 2-	591-78-6	< 0.01			< 0.01		< 0.01			
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01			0.019		< 0.01			
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01			< 0.01		< 0.01			
Methylene Chloride	75-09-2	< 0.01			< 0.01		< 0.01			
Styrene	100-42-5	< 0.01			< 0.01		< 0.01			
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01			< 0.01		< 0.01			
Tetrachloroethene	127-18-4	< 0.01			< 0.01		< 0.01			
Toluene	108-88-3	< 0.01			< 0.01		< 0.01			
Trichloroethane, 1,1,1-	71-55-6	< 0.01			< 0.01		< 0.01			
Trichloroethane, 1,1,2-	79-00-5	< 0.01			< 0.01		< 0.01			
Trichloroethene	79-01-6	< 0.01			0.018		0.2			
Trichlorofluoromethane	75-69-4	< 0.01			< 0.01		< 0.01			
Trichlorotrifluoroethane, 1,1,2-		< 0.005			< 0.005		< 0.005			
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01			< 0.01		0.026			
Xylenes	1330-20-7	< 0.01			< 0.01		< 0.01			
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5	8560			9720					
Antimony	7440-36-0	< 1			< 1					
Arsenic	7440-38-2	3.52			7					

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27I94BH13	D27I94BH13	D27I94BH13	D27I94BH14	D27I94BH14	D27I94BH14	D27O89BH01	D27O89BH01	D27O89BH01
		1/16/1994	1/16/1994	1/16/1994	1/17/1994	1/17/1994	1/17/1994	4/27/1989	4/27/1989	4/27/1989
		BH27I0009401-13-04	BH27I0009401-13-09	BH27I0009401-13-14	BH27I0009401-14-04	BH27I0009401-14-09	BH27I0009401-14-14	BH27O0008904-01-02	BH27O0008904-01-03	BH27O0008904-01-06
Barium	7440-39-3	192			120					
Beryllium	7440-41-7	0.6			0.5					
Cadmium	7440-43-9	< 0.2			< 0.2					
Calcium	7440-70-2	4020			4380					
Chromium, Total	7440-47-3	11.7			13.3					
Cobalt	7440-48-4	< 5			< 5					
Copper	7440-50-8	12.8			8.9					
Iron	7439-89-6	13700			10500					
Lead	7439-92-1	12			< 0.5					
Magnesium	7439-95-4	1960			1730					
Manganese	7439-96-5	802			99.4					
Mercury	7439-97-6	< 0.1			< 0.1					
Nickel	7440-02-0	18.2			10.3					
Potassium	7440-09-7	895			1130					
Selenium	7782-49-2	< 0.5			< 0.5					
Silver	7440-22-4	< 3			< 3					
Sodium	7440-23-5	73.2			326					
Thallium (Soluble Salts)	7440-28-0	< 1			< 1					
Vanadium	NA	14.9			11					
Zinc	7440-66-6	31			36.7					
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1			
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1			
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1			
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1			
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1			
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics		< 10			< 10					
Fuel Oil		< 10			< 10					
Gasoline Range Organics		< 10			< 10					
Jet Fuel		< 10			< 10					
Kerosene	8008-20-6	< 10			< 10					
Mineral Spirits	64475-85-0	< 10			< 10					
Motor Oil		< 10			< 10					
TPH (Total)		< 10			< 10					

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH01	D27O89BH01	D27O89BH01	D27O89BH02	D27O89BH02	D27O89BH02	D27O89BH02	D27O89BH02	D27O89BH02
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27O0008904-01-08	BH27O0008904-01-11	BH27O0008904-01-13	BH27O0008904-02-03	BH27O0008904-02-06	BH27O0008904-02-08	BH27O0008904-02-11	BH27O0008904-02-13	BH27OREP8904-02-14
VOCs										
Acetone	67-64-1			0.019						
Benzene	71-43-2			< 0.006						
Bromodichloromethane	75-27-4			< 0.006						
Bromoform	75-25-2			< 0.006						
Bromomethane	74-83-9			< 0.013						
Carbon Disulfide	75-15-0			< 0.006						
Carbon Tetrachloride	56-23-5			< 0.006						
Chlorobenzene	108-90-7			0.012						
Chloroethane	75-00-3			< 0.013						
Chloroform	67-66-3			< 0.006						
Chloromethane	74-87-3			< 0.013						
cis-1,3-Dichloropropene	10061-01-5			< 0.006						
Dibromochloromethane	124-48-1			< 0.006						
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3			< 0.006						
Dichloroethane, 1,2-	107-06-2			< 0.006						
Dichloroethene, 1,1-	75-35-4			< 0.006						
Dichloroethene, 1,2- (Total)	540-59-0			0.002 J						
Dichloropropane, 1,2-	78-87-5			< 0.006						
Dichloropropene, trans-1,3-	10061-02-6			< 0.006						
Ethylbenzene	100-41-4			< 0.006						
Hexanone, 2-	591-78-6			< 0.013						
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 0.013						
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			< 0.013						
Methylene Chloride	75-09-2			0.009 B						
Styrene	100-42-5			< 0.006						
Tetrachloroethane, 1,1,2,2-	79-34-5			< 0.006						
Tetrachloroethene	127-18-4			< 0.006						
Toluene	108-88-3			< 0.006						
Trichloroethane, 1,1,1-	71-55-6			< 0.006						
Trichloroethane, 1,1,2-	79-00-5			< 0.006						
Trichloroethene	79-01-6			< 0.006						
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4			< 0.013						
Vinyl Chloride	75-01-4			< 0.013						
Xylenes	1330-20-7			< 0.006						
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2			13.3						

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH01	D27O89BH01	D27O89BH01	D27O89BH02	D27O89BH02	D27O89BH02	D27O89BH02	D27O89BH02	D27O89BH02
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27O0008904-01-08	BH27O0008904-01-11	BH27O0008904-01-13	BH27O0008904-02-03	BH27O0008904-02-06	BH27O0008904-02-08	BH27O0008904-02-11	BH27O0008904-02-13	BH27OREP8904-02-14
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9			< 0.5						
Calcium	7440-70-2									
Chromium, Total	7440-47-3			9						
Cobalt	7440-48-4									
Copper	7440-50-8			10						
Iron	7439-89-6									
Lead	7439-92-1			9.9						
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6			< 0.1						
Nickel	7440-02-0			12						
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6			35.8						
PCBs and Dioxins										
Aroclor 1016	12674-11-2									< 0.0964
Aroclor 1221	11104-28-2									< 0.0964
Aroclor 1232	11141-16-5									< 0.0964
Aroclor 1242	53469-21-9									< 0.0964
Aroclor 1248	12672-29-6									< 0.0964
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1928
Aroclor 1260	11096-82-5	0.22	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1928
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH02	D27O89BH03	D27O89BH03	D27O89BH03	D27O89BH03	D27O89BH03	D27O89BH03	D27O89BH04	D27O89BH04
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27OREP8904-02-15	BH27O0008904-03-03	BH27O0008904-03-04	BH27O0008904-03-06	BH27O0008904-03-08	BH27O0008904-03-11	BH27O0008904-03-13	BH27O0008904-04-02	BH27O0008904-04-04
VOCs										
Acetone	67-64-1				0.022					
Benzene	71-43-2				< 0.006					
Bromodichloromethane	75-27-4				< 0.006					
Bromoform	75-25-2				< 0.006					
Bromomethane	74-83-9				< 0.012					
Carbon Disulfide	75-15-0				< 0.006					
Carbon Tetrachloride	56-23-5				< 0.006					
Chlorobenzene	108-90-7				< 0.006					
Chloroethane	75-00-3				< 0.012					
Chloroform	67-66-3				< 0.006					
Chloromethane	74-87-3				< 0.012					
cis-1,3-Dichloropropene	10061-01-5				< 0.006					
Dibromochloromethane	124-48-1				< 0.006					
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3				< 0.006					
Dichloroethane, 1,2-	107-06-2				< 0.006					
Dichloroethene, 1,1-	75-35-4				< 0.006					
Dichloroethene, 1,2- (Total)	540-59-0				< 0.006					
Dichloropropane, 1,2-	78-87-5				< 0.006					
Dichloropropene, trans-1,3-	10061-02-6				< 0.006					
Ethylbenzene	100-41-4				< 0.006					
Hexanone, 2-	591-78-6				< 0.012					
Methyl Ethyl Ketone (2-Butanone)	78-93-3				0.005 J					
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1				< 0.012					
Methylene Chloride	75-09-2				0.01 B					
Styrene	100-42-5				< 0.006					
Tetrachloroethane, 1,1,2,2-	79-34-5				< 0.006					
Tetrachloroethene	127-18-4				< 0.006					
Toluene	108-88-3				0.002 J					
Trichloroethane, 1,1,1-	71-55-6				< 0.006					
Trichloroethane, 1,1,2-	79-00-5				< 0.006					
Trichloroethene	79-01-6				< 0.006					
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4				< 0.012					
Vinyl Chloride	75-01-4				< 0.012					
Xylenes	1330-20-7				< 0.006					
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2				2.2					

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH02	D27O89BH03	D27O89BH03	D27O89BH03	D27O89BH03	D27O89BH03	D27O89BH03	D27O89BH04	D27O89BH04
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27OREP8904-02-15	BH27O0008904-03-03	BH27O0008904-03-04	BH27O0008904-03-06	BH27O0008904-03-08	BH27O0008904-03-11	BH27O0008904-03-13	BH27O0008904-04-02	BH27O0008904-04-04
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9				< 0.5					
Calcium	7440-70-2									
Chromium, Total	7440-47-3				35					
Cobalt	7440-48-4									
Copper	7440-50-8				11					
Iron	7439-89-6									
Lead	7439-92-1				11.5					
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6				< 0.1					
Nickel	7440-02-0				11					
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6				39.7					
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH04	D27O89BH04	D27O89BH04	D27O89BH04	D27O89BH05	D27O89BH05	D27O89BH05	D27O89BH05	D27O89BH05
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27O0008904-04-06	BH27O0008904-04-09	BH27O0008904-04-11	BH27O0008904-04-14	BH27O0008904-05-02	BH27O0008904-05-04	BH27O0008904-05-08	BH27O0008904-05-11	BH27O0008904-05-13
VOCs										
Acetone	67-64-1		0.02							
Benzene	71-43-2		< 0.006							
Bromodichloromethane	75-27-4		< 0.006							
Bromoform	75-25-2		< 0.006							
Bromomethane	74-83-9		< 0.012							
Carbon Disulfide	75-15-0		< 0.006							
Carbon Tetrachloride	56-23-5		< 0.006							
Chlorobenzene	108-90-7		< 0.006							
Chloroethane	75-00-3		< 0.012							
Chloroform	67-66-3		< 0.006							
Chloromethane	74-87-3		< 0.012							
cis-1,3-Dichloropropene	10061-01-5		< 0.006							
Dibromochloromethane	124-48-1		< 0.006							
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3		< 0.006							
Dichloroethane, 1,2-	107-06-2		< 0.006							
Dichloroethene, 1,1-	75-35-4		< 0.006							
Dichloroethene, 1,2- (Total)	540-59-0		< 0.006							
Dichloropropane, 1,2-	78-87-5		< 0.006							
Dichloropropene, trans-1,3-	10061-02-6		< 0.006							
Ethylbenzene	100-41-4		< 0.006							
Hexanone, 2-	591-78-6		< 0.012							
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.012							
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.012							
Methylene Chloride	75-09-2		0.009 B							
Styrene	100-42-5		< 0.006							
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.006							
Tetrachloroethene	127-18-4		< 0.006							
Toluene	108-88-3		< 0.006							
Trichloroethane, 1,1,1-	71-55-6		< 0.006							
Trichloroethane, 1,1,2-	79-00-5		< 0.006							
Trichloroethene	79-01-6		< 0.006							
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4		< 0.012							
Vinyl Chloride	75-01-4		< 0.012							
Xylenes	1330-20-7		< 0.006							
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2		1.9							

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH04	D27O89BH04	D27O89BH04	D27O89BH04	D27O89BH05	D27O89BH05	D27O89BH05	D27O89BH05	D27O89BH05
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27O0008904-04-06	BH27O0008904-04-09	BH27O0008904-04-11	BH27O0008904-04-14	BH27O0008904-05-02	BH27O0008904-05-04	BH27O0008904-05-08	BH27O0008904-05-11	BH27O0008904-05-13
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9		< 0.5							
Calcium	7440-70-2									
Chromium, Total	7440-47-3		13							
Cobalt	7440-48-4									
Copper	7440-50-8		12							
Iron	7439-89-6									
Lead	7439-92-1		8.7							
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6		< 0.1							
Nickel	7440-02-0		15							
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6		44							
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH05	D27O89BH05	D27O89BH06	D27O89BH06	D27O89BH06	D27O89BH06	D27O89BH06	D27O89BH06	D27O89BH06
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27OREP8904-05-05	BH27OREP8904-05-06	BH27O0008904-06-03	BH27O0008904-06-06	BH27O0008904-06-08	BH27O0008904-06-11	BH27O0008904-06-14	BH27OREP8904-06-12	BH27OREP8904-06-13
VOCs										
Acetone	67-64-1							0.001 J		
Benzene	71-43-2							< 0.006		
Bromodichloromethane	75-27-4							< 0.006		
Bromoform	75-25-2							< 0.006		
Bromomethane	74-83-9							< 0.013		
Carbon Disulfide	75-15-0							< 0.006		
Carbon Tetrachloride	56-23-5							< 0.006		
Chlorobenzene	108-90-7							< 0.006		
Chloroethane	75-00-3							< 0.013		
Chloroform	67-66-3							< 0.006		
Chloromethane	74-87-3							< 0.013		
cis-1,3-Dichloropropene	10061-01-5							< 0.006		
Dibromochloromethane	124-48-1							< 0.006		
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3							< 0.006		
Dichloroethane, 1,2-	107-06-2							< 0.006		
Dichloroethene, 1,1-	75-35-4							< 0.006		
Dichloroethene, 1,2- (Total)	540-59-0							< 0.006		
Dichloropropane, 1,2-	78-87-5							< 0.006		
Dichloropropene, trans-1,3-	10061-02-6							< 0.006		
Ethylbenzene	100-41-4							< 0.006		
Hexanone, 2-	591-78-6							< 0.013		
Methyl Ethyl Ketone (2-Butanone)	78-93-3							< 0.013		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							< 0.013		
Methylene Chloride	75-09-2							0.016		
Styrene	100-42-5							< 0.006		
Tetrachloroethane, 1,1,2,2-	79-34-5							< 0.006		
Tetrachloroethene	127-18-4							< 0.006		
Toluene	108-88-3							< 0.006		
Trichloroethane, 1,1,1-	71-55-6							< 0.006		
Trichloroethane, 1,1,2-	79-00-5							< 0.006		
Trichloroethene	79-01-6							< 0.006		
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4							< 0.013		
Vinyl Chloride	75-01-4							< 0.013		
Xylenes	1330-20-7							< 0.006		
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2							6.9		

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH05	D27O89BH05	D27O89BH06	D27O89BH06	D27O89BH06	D27O89BH06	D27O89BH06	D27O89BH06	D27O89BH06
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27OREP8904-05-05	BH27OREP8904-05-06	BH27O0008904-06-03	BH27O0008904-06-06	BH27O0008904-06-08	BH27O0008904-06-11	BH27O0008904-06-14	BH27OREP8904-06-12	BH27OREP8904-06-13
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9							< 0.5		
Calcium	7440-70-2									
Chromium, Total	7440-47-3							14		
Cobalt	7440-48-4									
Copper	7440-50-8							11		
Iron	7439-89-6									
Lead	7439-92-1							9.2		
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6							< 0.1		
Nickel	7440-02-0							16		
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6							44.1		
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.092							< 0.0941	
Aroclor 1221	11104-28-2	< 0.092							< 0.0941	
Aroclor 1232	11141-16-5	< 0.092							< 0.0941	
Aroclor 1242	53469-21-9	< 0.092							< 0.0941	
Aroclor 1248	12672-29-6	< 0.092							< 0.0941	
Aroclor 1254	11097-69-1	< 0.1839	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1882	< 0.05
Aroclor 1260	11096-82-5	< 0.1839	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1882	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH07	D27O89BH07	D27O89BH07	D27O89BH07	D27O89BH07	D27O89BH07	D27O89BH07	D27O89BH08	D27O89BH09
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27O0008904-07-03	BH27O0008904-07-06	BH27O0008904-07-08	BH27O0008904-07-11	BH27O0008904-07-13	BH27OREP8904-07-14	BH27OREP8904-07-15	BH27O0008904-08-13	BH27O0008904-09-03
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH07	D27O89BH07	D27O89BH07	D27O89BH07	D27O89BH07	D27O89BH07	D27O89BH07	D27O89BH08	D27O89BH09
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27O0008904-07-03	BH27O0008904-07-06	BH27O0008904-07-08	BH27O0008904-07-11	BH27O0008904-07-13	BH27OREP8904-07-14	BH27OREP8904-07-15	BH27O0008904-08-13	BH27O0008904-09-03
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2						< 0.0941			
Aroclor 1221	11104-28-2						< 0.0941			
Aroclor 1232	11141-16-5						< 0.0941			
Aroclor 1242	53469-21-9						< 0.0941		0.66	< 0.05
Aroclor 1248	12672-29-6						< 0.0941			
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1882	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1882	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

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Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH09	D27O89BH09	D27O89BH09	D27O89BH09	D27O89BH09	D27O89BH09	D27O89BH10	D27O89BH10	D27O89BH10
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27O0008904-09-06	BH27O0008904-09-08	BH27O0008904-09-11	BH27O0008904-09-13	BH27OREP8904-09-09	BH27OREP8904-09-10	BH27O0008904-10-03	BH27O0008904-10-06	BH27O0008904-10-08
VOCs										
Acetone	67-64-1		0.002 J			0.23 BE	0.002 J			
Benzene	71-43-2		< 0.006			< 0.005	< 0.006			
Bromodichloromethane	75-27-4		< 0.006			< 0.005	< 0.006			
Bromoform	75-25-2		< 0.006			< 0.005	< 0.006			
Bromomethane	74-83-9		< 0.012			< 0.01	< 0.012			
Carbon Disulfide	75-15-0		< 0.006			< 0.005	< 0.006			
Carbon Tetrachloride	56-23-5		< 0.006			< 0.005	< 0.006			
Chlorobenzene	108-90-7		< 0.006			< 0.005	< 0.006			
Chloroethane	75-00-3		< 0.012			< 0.01	< 0.012			
Chloroform	67-66-3		< 0.006			< 0.005	< 0.006			
Chloromethane	74-87-3		< 0.012			< 0.01	< 0.012			
cis-1,3-Dichloropropene	10061-01-5		< 0.006			< 0.005	< 0.006			
Dibromochloromethane	124-48-1		< 0.006			< 0.005	< 0.006			
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3		< 0.006			< 0.005	< 0.006			
Dichloroethane, 1,2-	107-06-2		< 0.006			< 0.005	< 0.006			
Dichloroethene, 1,1-	75-35-4		< 0.006			< 0.005	< 0.006			
Dichloroethene, 1,2- (Total)	540-59-0		< 0.006			< 0.005	< 0.006			
Dichloropropane, 1,2-	78-87-5		< 0.006			< 0.005	< 0.006			
Dichloropropene, trans-1,3-	10061-02-6		< 0.006			< 0.005	< 0.006			
Ethylbenzene	100-41-4		< 0.006			< 0.005	< 0.006			
Hexanone, 2-	591-78-6		< 0.012			< 0.01	< 0.012			
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.012			< 0.01	< 0.012			
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.012			< 0.01	< 0.012			
Methylene Chloride	75-09-2		0.009 B			0.003 BJ	0.009 B			
Styrene	100-42-5		< 0.006			< 0.005	< 0.006			
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.006			< 0.005	< 0.006			
Tetrachloroethene	127-18-4		< 0.006			< 0.005	< 0.006			
Toluene	108-88-3		< 0.006			< 0.005	< 0.006			
Trichloroethane, 1,1,1-	71-55-6		< 0.006			< 0.005	< 0.006			
Trichloroethane, 1,1,2-	79-00-5		< 0.006			< 0.005	< 0.006			
Trichloroethene	79-01-6		< 0.006			< 0.005	< 0.006			
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4		< 0.012			< 0.01	< 0.012			
Vinyl Chloride	75-01-4		< 0.012			< 0.01	< 0.012			
Xylenes	1330-20-7		< 0.006			< 0.005	< 0.006			
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2		< 2			0.74	2.2			

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH09	D27O89BH09	D27O89BH09	D27O89BH09	D27O89BH09	D27O89BH09	D27O89BH10	D27O89BH10	D27O89BH10
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27O0008904-09-06	BH27O0008904-09-08	BH27O0008904-09-11	BH27O0008904-09-13	BH27OREP8904-09-09	BH27OREP8904-09-10	BH27O0008904-10-03	BH27O0008904-10-06	BH27O0008904-10-08
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9		< 0.5			< 0.15	< 0.5			
Calcium	7440-70-2									
Chromium, Total	7440-47-3		10			20	10			
Cobalt	7440-48-4									
Copper	7440-50-8		12			19	10			
Iron	7439-89-6									
Lead	7439-92-1		6.5			17.3	9.6			
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6		< 0.1			0.0152	< 0.1			
Nickel	7440-02-0		12			25	11			
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6		< 0.5			76	33.3			
PCBs and Dioxins										
Aroclor 1016	12674-11-2					< 0.092				
Aroclor 1221	11104-28-2					< 0.092				
Aroclor 1232	11141-16-5					< 0.092				
Aroclor 1242	53469-21-9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.092	< 0.05	0.24	< 0.05	< 0.05
Aroclor 1248	12672-29-6					< 0.092				
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1839	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1839	< 0.05	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH10	D27O89BH10	D27O89BH11	D27O89BH11	D27O89BH11	D27O89BH11	D27O89BH11	D27O89BH12	D27O89BH12
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27O0008904-10-11	BH27O0008904-10-13	BH27O0008904-11-05	BH27O0008904-11-06	BH27O0008904-11-08	BH27O0008904-11-11	BH27O0008904-11-13	BH27O0008904-12-03	BH27O0008904-12-06
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH10	D27O89BH10	D27O89BH11	D27O89BH11	D27O89BH11	D27O89BH11	D27O89BH11	D27O89BH12	D27O89BH12
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989
		BH27O0008904-10-11	BH27O0008904-10-13	BH27O0008904-11-05	BH27O0008904-11-06	BH27O0008904-11-08	BH27O0008904-11-11	BH27O0008904-11-13	BH27O0008904-12-03	BH27O0008904-12-06
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.38	< 0.05
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH12	D27O89BH12	D27O89BH12	D27O89BH12	D27O89BH12	D27O89BH13	D27O89BH13	D27O89BH13	D27O89BH13
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	4/29/1989	4/29/1989
		BH27O0008904-12-09	BH27O0008904-12-11	BH27O0008904-12-13	BH27OREP8904-12-07	BH27OREP8904-12-08	BH27O0008904-13-03	BH27O0008904-13-06	BH27O0008904-13-08	BH27O0008904-13-11
VOCs										
Acetone	67-64-1									0.002 J
Benzene	71-43-2									< 0.006
Bromodichloromethane	75-27-4									< 0.006
Bromoform	75-25-2									< 0.006
Bromomethane	74-83-9									< 0.012
Carbon Disulfide	75-15-0									< 0.006
Carbon Tetrachloride	56-23-5									< 0.006
Chlorobenzene	108-90-7									< 0.006
Chloroethane	75-00-3									< 0.012
Chloroform	67-66-3									< 0.006
Chloromethane	74-87-3									< 0.012
cis-1,3-Dichloropropene	10061-01-5									< 0.006
Dibromochloromethane	124-48-1									< 0.006
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									< 0.006
Dichloroethane, 1,2-	107-06-2									< 0.006
Dichloroethene, 1,1-	75-35-4									< 0.006
Dichloroethene, 1,2- (Total)	540-59-0									< 0.006
Dichloropropane, 1,2-	78-87-5									< 0.006
Dichloropropene, trans-1,3-	10061-02-6									< 0.006
Ethylbenzene	100-41-4									< 0.006
Hexanone, 2-	591-78-6									< 0.012
Methyl Ethyl Ketone (2-Butanone)	78-93-3									< 0.012
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									< 0.012
Methylene Chloride	75-09-2									0.014
Styrene	100-42-5									< 0.006
Tetrachloroethane, 1,1,2,2-	79-34-5									< 0.006
Tetrachloroethene	127-18-4									< 0.006
Toluene	108-88-3									< 0.006
Trichloroethane, 1,1,1-	71-55-6									< 0.006
Trichloroethane, 1,1,2-	79-00-5									< 0.006
Trichloroethene	79-01-6									< 0.006
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									< 0.012
Vinyl Chloride	75-01-4									< 0.012
Xylenes	1330-20-7									< 0.006
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									9.5

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH12	D27O89BH12	D27O89BH12	D27O89BH12	D27O89BH12	D27O89BH13	D27O89BH13	D27O89BH13	D27O89BH13
		4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/27/1989	4/29/1989	4/29/1989	4/29/1989	4/29/1989
		BH27O0008904-12-09	BH27O0008904-12-11	BH27O0008904-12-13	BH27OREP8904-12-07	BH27OREP8904-12-08	BH27O0008904-13-03	BH27O0008904-13-06	BH27O0008904-13-08	BH27O0008904-13-11
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									< 0.5
Calcium	7440-70-2									
Chromium, Total	7440-47-3									9
Cobalt	7440-48-4									
Copper	7440-50-8									10
Iron	7439-89-6									
Lead	7439-92-1									11.4
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									< 0.1
Nickel	7440-02-0									11
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									30.6
PCBs and Dioxins										
Aroclor 1016	12674-11-2				< 0.0941					
Aroclor 1221	11104-28-2				< 0.0941					
Aroclor 1232	11141-16-5				< 0.0941					
Aroclor 1242	53469-21-9	0.07	0.26	< 0.05	< 0.0941	< 0.05				
Aroclor 1248	12672-29-6				< 0.0941					
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.1882	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.05	< 0.1882	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH13	D27O89BH13	D27O89BH13	D27O89BH14	D27O89BH14	D27O89BH14	D27O89BH14	D27O89BH14	D27O89BH15
		4/29/1989	4/29/1989	4/29/1989	4/29/1989	4/29/1989	4/29/1989	4/29/1989	4/29/1989	5/2/1989
		BH27O0008904-13-14	BH27OREP8904-13-12	BH27OREP8904-13-13	BH27O0008904-14-03	BH27O0008904-14-06	BH27O0008904-14-08	BH27O0008904-14-11	BH27O0008904-14-13	BH27O0008905-15-03
VOCs										
Acetone	67-64-1		0.18 B	0.005 J						
Benzene	71-43-2		< 0.005	< 0.006						
Bromodichloromethane	75-27-4		< 0.005	< 0.006						
Bromoform	75-25-2		< 0.005	< 0.006						
Bromomethane	74-83-9		< 0.01	< 0.012						
Carbon Disulfide	75-15-0		< 0.005	< 0.005						
Carbon Tetrachloride	56-23-5		< 0.005	< 0.006						
Chlorobenzene	108-90-7		< 0.005	< 0.006						
Chloroethane	75-00-3		< 0.01	< 0.012						
Chloroform	67-66-3		< 0.005	< 0.006						
Chloromethane	74-87-3		< 0.01	< 0.012						
cis-1,3-Dichloropropene	10061-01-5		< 0.005	< 0.006						
Dibromochloromethane	124-48-1		< 0.005	< 0.006						
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3		< 0.005	< 0.006						
Dichloroethane, 1,2-	107-06-2		< 0.005	< 0.006						
Dichloroethene, 1,1-	75-35-4		< 0.005	< 0.006						
Dichloroethene, 1,2- (Total)	540-59-0		< 0.005	< 0.006						
Dichloropropane, 1,2-	78-87-5		< 0.005	< 0.006						
Dichloropropene, trans-1,3-	10061-02-6		< 0.005	< 0.006						
Ethylbenzene	100-41-4		< 0.005	< 0.006						
Hexanone, 2-	591-78-6		< 0.01	< 0.012						
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01	< 0.012						
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01	< 0.012						
Methylene Chloride	75-09-2		0.001 BJ	0.012 B						
Styrene	100-42-5		< 0.005	< 0.006						
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.005	< 0.006						
Tetrachloroethene	127-18-4		< 0.005	< 0.006						
Toluene	108-88-3		< 0.005	< 0.006						
Trichloroethane, 1,1,1-	71-55-6		< 0.005	< 0.006						
Trichloroethane, 1,1,2-	79-00-5		< 0.005	< 0.006						
Trichloroethene	79-01-6		< 0.005	< 0.006						
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4		< 0.01	< 0.012						
Vinyl Chloride	75-01-4		< 0.01	< 0.012						
Xylenes	1330-20-7		< 0.005	< 0.006						
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2		3.1	< 6						

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH13	D27O89BH13	D27O89BH13	D27O89BH14	D27O89BH14	D27O89BH14	D27O89BH14	D27O89BH14	D27O89BH15
		4/29/1989	4/29/1989	4/29/1989	4/29/1989	4/29/1989	4/29/1989	4/29/1989	4/29/1989	5/2/1989
		BH27O0008904-13-14	BH27OREP8904-13-12	BH27OREP8904-13-13	BH27O0008904-14-03	BH27O0008904-14-06	BH27O0008904-14-08	BH27O0008904-14-11	BH27O0008904-14-13	BH27O0008905-15-03
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9		0.17	< 0.5						
Calcium	7440-70-2									
Chromium, Total	7440-47-3		19	10						
Cobalt	7440-48-4									
Copper	7440-50-8		15	11						
Iron	7439-89-6									
Lead	7439-92-1		21.2	14.2						
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6		0.0136	< 0.1						
Nickel	7440-02-0		18	11						
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6		68	33						
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 0.093							
Aroclor 1221	11104-28-2		< 0.093							
Aroclor 1232	11141-16-5		< 0.093							
Aroclor 1242	53469-21-9		< 0.093	< 0.05						
Aroclor 1248	12672-29-6		< 0.093							
Aroclor 1254	11097-69-1	< 0.05	< 0.186	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 0.05	< 0.186	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH15	D27O89BH15	D27O89BH15	D27O89BH15	D27O89BH16	D27O89BH16	D27O89BH16	D27O89BH17	D27O89BH17
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989
		BH27O0008905-15-08	BH27O0008905-15-13	BH27OREP8905-15-09	BH27OREP8905-15-10	BH27O0008905-16-03	BH27O0008905-16-08	BH27O0008905-16-13	BH27O0008905-17-03	BH27O0008905-17-08
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH15	D27O89BH15	D27O89BH15	D27O89BH15	D27O89BH16	D27O89BH16	D27O89BH16	D27O89BH17	D27O89BH17
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989
		BH27O0008905-15-08	BH27O0008905-15-13	BH27OREP8905-15-09	BH27OREP8905-15-10	BH27O0008905-16-03	BH27O0008905-16-08	BH27O0008905-16-13	BH27O0008905-17-03	BH27O0008905-17-08
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.11						
Aroclor 1221	11104-28-2			< 0.11						
Aroclor 1232	11141-16-5			< 0.11						
Aroclor 1242	53469-21-9			< 0.11						
Aroclor 1248	12672-29-6			< 0.11						
Aroclor 1254	11097-69-1	< 0.05	< 0.05	0.065	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.221	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH18	D27O89BH18	D27O89BH18	D27O89BH18	D27O89BH19	D27O89BH19	D27O89BH19
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989
		BH27O0008905-17-13	BH27O0008905-18-03	BH27O0008905-18-08	BH27O0008905-18-13	BH27OREP8905-18-04	BH27OREP8905-18-05	BH27O0008905-19-03	BH27O0008905-19-08	BH27O0008905-19-13
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH17	D27O89BH18	D27O89BH18	D27O89BH18	D27O89BH18	D27O89BH18	D27O89BH19	D27O89BH19	D27O89BH19
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989
		BH27O0008905-17-13	BH27O0008905-18-03	BH27O0008905-18-08	BH27O0008905-18-13	BH27OREP8905-18-04	BH27OREP8905-18-05	BH27O0008905-19-03	BH27O0008905-19-08	BH27O0008905-19-13
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2					< 0.103				
Aroclor 1221	11104-28-2					< 0.103				
Aroclor 1232	11141-16-5					< 0.103				
Aroclor 1242	53469-21-9					< 0.103				
Aroclor 1248	12672-29-6					< 0.103				
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.05	0.055	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.221	< 0.05	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH20	D27O89BH20	D27O89BH20	D27O89BH20	D27O89BH20	D27O89BH21	D27O89BH21	D27O89BH21	D27O89BH22
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989
		BH27O0008905-20-03	BH27O0008905-20-08	BH27O0008905-20-13	BH27OREP8905-20-14	BH27OREP8905-20-15	BH27O0008905-21-03	BH27O0008905-21-08	BH27O0008905-21-13	BH27O0008905-22-02
VOCs										
Acetone	67-64-1		0.002 J				0.001 J			
Benzene	71-43-2		< 0.006				< 0.006			
Bromodichloromethane	75-27-4		< 0.006				< 0.006			
Bromoform	75-25-2		< 0.006				< 0.006			
Bromomethane	74-83-9		< 0.012				< 0.012			
Carbon Disulfide	75-15-0		< 0.005				< 0.006			
Carbon Tetrachloride	56-23-5		< 0.006				< 0.006			
Chlorobenzene	108-90-7		< 0.006				< 0.006			
Chloroethane	75-00-3		< 0.012				< 0.012			
Chloroform	67-66-3		< 0.006				< 0.006			
Chloromethane	74-87-3		< 0.012				< 0.012			
cis-1,3-Dichloropropene	10061-01-5		< 0.006				< 0.006			
Dibromochloromethane	124-48-1		< 0.006				< 0.006			
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3		< 0.006				< 0.006			
Dichloroethane, 1,2-	107-06-2		< 0.006				< 0.006			
Dichloroethene, 1,1-	75-35-4		< 0.006				< 0.006			
Dichloroethene, 1,2- (Total)	540-59-0		< 0.006				< 0.006			
Dichloropropane, 1,2-	78-87-5		< 0.006				< 0.006			
Dichloropropene, trans-1,3-	10061-02-6		< 0.006				< 0.006			
Ethylbenzene	100-41-4		< 0.006				< 0.006			
Hexanone, 2-	591-78-6		< 0.012				< 0.012			
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.012				< 0.012			
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.012				< 0.012			
Methylene Chloride	75-09-2		0.017				0.02			
Styrene	100-42-5		< 0.006				< 0.006			
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.006				< 0.006			
Tetrachloroethene	127-18-4		< 0.006				< 0.006			
Toluene	108-88-3		< 0.006				< 0.006			
Trichloroethane, 1,1,1-	71-55-6		< 0.006				< 0.006			
Trichloroethane, 1,1,2-	79-00-5		< 0.006				< 0.006			
Trichloroethene	79-01-6		< 0.006				< 0.006			
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4		< 0.012				< 0.012			
Vinyl Chloride	75-01-4		< 0.012				< 0.012			
Xylenes	1330-20-7		< 0.006				< 0.006			
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2		14.2				3.9			

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH20	D27O89BH20	D27O89BH20	D27O89BH20	D27O89BH20	D27O89BH21	D27O89BH21	D27O89BH21	D27O89BH22
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989	5/2/1989
		BH27O0008905-20-03	BH27O0008905-20-08	BH27O0008905-20-13	BH27OREP8905-20-14	BH27OREP8905-20-15	BH27O0008905-21-03	BH27O0008905-21-08	BH27O0008905-21-13	BH27O0008905-22-02
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9		< 0.5				< 0.5			
Calcium	7440-70-2									
Chromium, Total	7440-47-3		10				12			
Cobalt	7440-48-4									
Copper	7440-50-8		10				12			
Iron	7439-89-6									
Lead	7439-92-1		23.3				13.5			
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6		< 0.1				< 0.1			
Nickel	7440-02-0		12				10			
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6		35				38.1			
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH22	D27O89BH22	D27O89BH22	D27O89BH22	D27O90BH29	D27O90BH29	D27O90BH30	D27O90BH30	D27O90BH30
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-22-08	BH27O0008905-22-13	BH27OREP8905-22-03	BH27OREP8905-22-04	BH27O0009011-29-08	BH27O0009011-29-11	BH27O0009011-30-03	BH27O0009011-30-06	BH27O0009011-30-08
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5					9230	13700	13400 *	6690 *	7170 *
Antimony	7440-36-0					< 3.8	< 3.8	< 3.7	< 3.7	< 3.8
Arsenic	7440-38-2					< 5	17.8	11.6 *	10.5 *	< 5

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O89BH22	D27O89BH22	D27O89BH22	D27O89BH22	D27O90BH29	D27O90BH29	D27O90BH30	D27O90BH30	D27O90BH30
		5/2/1989	5/2/1989	5/2/1989	5/2/1989	11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990
		BH27O0008905-22-08	BH27O0008905-22-13	BH27OREP8905-22-03	BH27OREP8905-22-04	BH27O0009011-29-08	BH27O0009011-29-11	BH27O0009011-30-03	BH27O0009011-30-06	BH27O0009011-30-08
Barium	7440-39-3					210	130	210	200	135
Beryllium	7440-41-7					0.54 B	0.85	0.55 B	0.83	0.58 B
Cadmium	7440-43-9					< 0.63	< 0.64	< 0.62	< 0.61	< 0.63
Calcium	7440-70-2					4640	4630	5850	4790	4750
Chromium, Total	7440-47-3					12.9	16.8	12.8 N*	9.6 N*	10.9 N*
Cobalt	7440-48-4					16.3	6.8	12.4	10.4	6.4
Copper	7440-50-8					12.9	14.1	12.7	14.7	14.3
Iron	7439-89-6					15200	22900	16000 *	12700 *	11500 *
Lead	7439-92-1					10	12.7	14.3 *	17.3 *	7.7 *
Magnesium	7439-95-4					2470	2960	2650	1940	2330
Manganese	7439-96-5					1020	265	851	555	417
Mercury	7439-97-6									
Nickel	7440-02-0					21.8	18.2	20.5	16.8	17.6
Potassium	7440-09-7					1370	1900	1290	617 B	1160
Selenium	7782-49-2					< 7.5	< 7.7	< 7.4	< 7.3	< 7.5
Silver	7440-22-4					< 0.63	< 0.64	1.2 B	< 0.61	2
Sodium	7440-23-5					282 B	307 B	182 B	218 B	381 B
Thallium (Soluble Salts)	7440-28-0					< 5	< 5.1	< 4.9	< 4.9	< 5
Vanadium	NA					11.4 B	25.6	7.1 *	20.7 *	11 *
Zinc	7440-66-6					52.7 E*	58.5 E*	54.7 N	34.6 N	43.1 N
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9							0.03	0.17	0.24
Aroclor 1248	12672-29-6					2.2				
Aroclor 1254	11097-69-1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.04	< 0.04	< 0.04	< 0.04
Aroclor 1260	11096-82-5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)						< 10	< 10	< 10	< 10	< 10

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O90BH30	D27O90BH31	D27O90BH31	D27O90BH31	D27O90BH31	D27O90BH31	D27O90BH32	D27O90BH34	D27O90BH34
		11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990
		BH27O0009011-30-11	BH27O0009011-31-03	BH27O0009011-31-06	BH27O0009011-31-07	BH27O0009011-31-08	BH27O0009011-31-11	BH27O0009011-32-02	BH27O0009011-34-03	BH27O0009011-34-05
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5	12700 *	7340	7900	5400	7270	5150	8530 *	1510 *	2870 *
Antimony	7440-36-0	< 3.9	< 3.6	< 3.7	< 3.7	< 3.8	< 3.9	< 3.4	< 3.3	< 3.6
Arsenic	7440-38-2	< 5.1	< 4.9	23.3	15.8	< 5.1	< 5.1	< 4.5	< 4.3	< 4.8

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O90BH30	D27O90BH31	D27O90BH31	D27O90BH31	D27O90BH31	D27O90BH31	D27O90BH32	D27O90BH34	D27O90BH34
		11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990
		BH27O0009011-30-11	BH27O0009011-31-03	BH27O0009011-31-06	BH27O0009011-31-07	BH27O0009011-31-08	BH27O0009011-31-11	BH27O0009011-32-02	BH27O0009011-34-03	BH27O0009011-34-05
Barium	7440-39-3	148	208	158	240	124	115	92.4	36.7	77.5
Beryllium	7440-41-7	0.83	0.54 B	0.82	0.5 B	0.52 B	0.57 B	0.31 B	0.13 B	0.43 B
Cadmium	7440-43-9	< 0.64	< 0.61	< 0.62	< 0.62	< 0.63	< 0.64	2.8	< 0.54	< 0.61
Calcium	7440-70-2	4670	4900	5190	4440	4630	3930	137000	326000	101000
Chromium, Total	7440-47-3	16.3 N*	10.4	10.9	16.6	11.1	9.8	78.4 N*	5 N*	6.2 N*
Cobalt	7440-48-4	8.6	5.9 B	8.6	13.2	4.6 B	4.7 B	6.4	2.3 B	4.4 B
Copper	7440-50-8	14.8	11.2	13.2	14.4	14.9	12.4	13.5	8.4	19.2
Iron	7439-89-6	19800 *	9370	16600	9860	10700	9040	10900 *	5000 *	3520 *
Lead	7439-92-1	9 *	8	15.9	12.2	9.4	8.6	22.3 *	< 3.3	6.2 *
Magnesium	7439-95-4	2950	1630	1930	1680	2110	1840	3520	3790	1750
Manganese	7439-96-5	375	487	657	838	269	493	368	261	513
Mercury	7439-97-6									
Nickel	7440-02-0	18.8	13.1	19.3	20.7	18.6	16.1	15.8	7.3	8.6
Potassium	7440-09-7	1890	720	807	638	1340	934	1330	253 B	404
Selenium	7782-49-2	< 7.7	< 7.3	< 7.4	< 7.4	< 7.6	< 7.7	< 6.8	< 6.5	< 7.3
Silver	7440-22-4	< 0.64	< 0.61	< 0.62	< 0.62	< 0.63	< 0.64	< 0.57	< 2.7	< 0.61
Sodium	7440-23-5	403 B	187 B	210 B	198 B	228 B	218 B	127 B	161 B	178 B
Thallium (Soluble Salts)	7440-28-0	< 5.1	< 4.9	< 5	< 4.9	< 5.1	< 5.1	< 4.5	< 4.3	< 4.8
Vanadium	NA	17.8 *	11.9	25.3	16.8	16	11.7	14.2 *	5.5 *	6.6 *
Zinc	7440-66-6	59.7 N	36.4 E*	55 E*	36 E*	43.7 E*	40.4 E*	46 N	18.1 N	41.7 N
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9	0.13							0.17	
Aroclor 1248	12672-29-6							68		4.4
Aroclor 1254	11097-69-1	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 1	< 0	< 0.2
Aroclor 1260	11096-82-5	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 1	< 0.04	< 0.05
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O90BH35	D27O90BH35	D27O90BH36	D27O90BH37	D27O90BH38	D7189BH01	D7189BH01	D7189BH01	D7189BH02
		11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990	8/25/1989	8/25/1989	8/25/1989	8/27/1989
		BH27O0009011-35-03	BH27O0009011-35-05	BH27O0009011-36-03	BH27O0009011-37-03	BH27O0009011-38-04	BHD710008908-01-05	BHD710008908-01-09	BHD710008908-01-14	BHD710008908-02-05
VOCs										
Acetone	67-64-1						< 0.1	< 0.1	< 0.1	< 0.1
Benzene	71-43-2						< 0.1	< 0.1	< 0.1	< 0.1
Bromodichloromethane	75-27-4						< 0.1	< 0.1	< 0.1	< 0.1
Bromoform	75-25-2						< 0.1	< 0.1	< 0.1	< 0.1
Bromomethane	74-83-9						< 0.2	< 0.2	< 0.2	< 0.2
Carbon Disulfide	75-15-0						< 0.1	< 0.1	< 0.1	< 0.1
Carbon Tetrachloride	56-23-5						< 0.1	< 0.1	< 0.1	< 0.1
Chlorobenzene	108-90-7						< 0.1	< 0.1	< 0.1	< 0.1
Chloroethane	75-00-3						< 0.2	< 0.2	< 0.2	< 0.2
Chloroform	67-66-3						< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	74-87-3						< 0.2	< 0.2	< 0.2	< 0.2
cis-1,3-Dichloropropene	10061-01-5						< 0.1	< 0.1	< 0.1	< 0.1
Dibromochloromethane	124-48-1						< 0.1	< 0.1	< 0.1	< 0.1
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3						< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethane, 1,2-	107-06-2						< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,1-	75-35-4						< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,2- (Total)	540-59-0						< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropane, 1,2-	78-87-5						< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropene, trans-1,3-	10061-02-6						< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	100-41-4						< 0.1	< 0.1	< 0.1	< 0.1
Hexanone, 2-	591-78-6						< 0.1	< 0.1	< 0.1	< 0.1
Methyl Ethyl Ketone (2-Butanone)	78-93-3						< 0.1	< 0.1	< 0.1	< 0.1
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1						< 0.1	< 0.1	< 0.1	< 0.1
Methylene Chloride	75-09-2						< 0.1	< 0.1	< 0.1	< 0.1
Styrene	100-42-5						< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethane, 1,1,2,2-	79-34-5						< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	127-18-4						< 0.1	< 0.1	< 0.1	< 0.1
Toluene	108-88-3						< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,1-	71-55-6						< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,2-	79-00-5						< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethene	79-01-6						< 0.1	< 0.1	< 0.1	< 0.1
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-							< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Acetate	108-05-4						< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Chloride	75-01-4						< 0.2	< 0.2	< 0.2	< 0.2
Xylenes	1330-20-7						< 0.1	< 0.1	< 0.1	< 0.1
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5	10400 *	13600 *	13100	10800	10800				
Antimony	7440-36-0	< 3.7	< 3.7	< 3.7	< 4	< 5.1				
Arsenic	7440-38-2	15.3 *	9.8 *	14.8	8.7	8.2	1.6	1.05	< 1	2.22

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D27O90BH35	D27O90BH35	D27O90BH36	D27O90BH37	D27O90BH38	D7189BH01	D7189BH01	D7189BH01	D7189BH02
		11/9/1990	11/9/1990	11/9/1990	11/9/1990	11/9/1990	8/25/1989	8/25/1989	8/25/1989	8/27/1989
		BH27O0009011-35-03	BH27O0009011-35-05	BH27O0009011-36-03	BH27O0009011-37-03	BH27O0009011-38-04	BHD710008908-01-05	BHD710008908-01-09	BHD710008908-01-14	BHD710008908-02-05
Barium	7440-39-3	203	250	192	163	163				
Beryllium	7440-41-7	0.79	0.79	0.83	0.42 B	0.51 B				
Cadmium	7440-43-9	< 0.62	< 0.62	< 0.61	< 0.66	4.6	1.05	1.6	1.32	1.4
Calcium	7440-70-2	7660	5390	23700	63500	60200				
Chromium, Total	7440-47-3	13.1 N*	15.9 N*	15.8	12.9	106	12	9.7	11.7	11.4
Cobalt	7440-48-4	12.5	11.7	4.3 B	6.5 B	8.7				
Copper	7440-50-8	13.8	13.1	17.8	13.2	104				
Iron	7439-89-6	15100 *	17100 *	15100	13900	14300				
Lead	7439-92-1	13.3 *	10.9 *	8.3	7.8	43.2	9.1	9.2	7.1	10.7
Magnesium	7439-95-4	2290	2340	2690	3660	2740				
Manganese	7439-96-5	820	795	363	391	392				
Mercury	7439-97-6						< 0.1	< 0.1	< 0.1	0.33
Nickel	7440-02-0	18.7	18.8	15.5	12.1	35.4	11.7	15.1	17.4	15.2
Potassium	7440-09-7	1020	1330	1160	1150	1260				
Selenium	7782-49-2	< 7.4	< 7.5	< 7.3	< 8	< 10.1				
Silver	7440-22-4	1.4	1.5	< 0.61	< 0.66	68.5				
Sodium	7440-23-5	158 B	193 B	160 B	177 B	283 B				
Thallium (Soluble Salts)	7440-28-0	< 4.9	< 5	< 4.9	< 5.3	< 6.8				
Vanadium	NA	18.7 *	22.3 *	17.3	17.5	20.6				
Zinc	7440-66-6	43.4 N	49.5 N	55.9	41.1	191	29.3	33.5	37.4	30.6
PCBs and Dioxins										
Aroclor 1016	12674-11-2						< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2						< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5						< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 0.02	< 0.02				< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6						< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 0.04	< 0.04	< 0.06	< 0.05	3.7	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 0.04	< 0.04	< 0.04	< 0.04	5	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 10	< 10	32	32	100	< 5	< 5	< 5	< 5

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D7189BH03	D7189BH04	D7189BH04	D7189BH04	D7189BH04	D7189BH05	D7189BH05	D7189BH05	D7189BH06
		8/27/1989	8/27/1989	8/27/1989	8/27/1989	8/27/1989	8/28/1989	8/28/1989	8/28/1989	8/28/1989
		BHD710008908-03-04	BHD710008908-04-04	BHD710008908-04-05	BHD710008908-04-09	BHD710008908-04-15	BHD710008908-05-02	BHD710008908-05-04	BHD710008908-05-05	BHD710008908-06-02
VOCs										
Acetone	67-64-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzene	71-43-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromodichloromethane	75-27-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromoform	75-25-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromomethane	74-83-9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Carbon Disulfide	75-15-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Carbon Tetrachloride	56-23-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chlorobenzene	108-90-7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloroethane	75-00-3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloroform	67-66-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	74-87-3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
cis-1,3-Dichloropropene	10061-01-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibromochloromethane	124-48-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethane, 1,2-	107-06-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,1-	75-35-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,2- (Total)	540-59-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropane, 1,2-	78-87-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropene, trans-1,3-	10061-02-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	100-41-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexanone, 2-	591-78-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methylene Chloride	75-09-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	100-42-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	127-18-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	108-88-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,1-	71-55-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,2-	79-00-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethene	79-01-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Acetate	108-05-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Chloride	75-01-4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Xylenes	1330-20-7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	2.22	< 1	2.09	1.12	13.5	3.48	3.76	2.02	2.32

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D7189BH03	D7189BH04	D7189BH04	D7189BH04	D7189BH04	D7189BH05	D7189BH05	D7189BH05	D7189BH06
		8/27/1989	8/27/1989	8/27/1989	8/27/1989	8/27/1989	8/28/1989	8/28/1989	8/28/1989	8/28/1989
		BHD710008908-03-04	BHD710008908-04-04	BHD710008908-04-05	BHD710008908-04-09	BHD710008908-04-15	BHD710008908-05-02	BHD710008908-05-04	BHD710008908-05-05	BHD710008908-06-02
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9	1.41	0.61	1.2	1.19	1.9	1.09	1.42	1.01	1.46
Calcium	7440-70-2									
Chromium, Total	7440-47-3	10.1	6.3	9.1	9.5	11.6	8.5	9.6	7.9	10.5
Cobalt	7440-48-4									
Copper	7440-50-8									
Iron	7439-89-6									
Lead	7439-92-1	11.1	6.8	10.6	9.4	10	9.3	9.8	7.6	9.8
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	7440-02-0	14.1	8.5	13.3	11.9	14.1	12.9	16.2	11.9	14.4
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6	24.6	16.3	25.9	29.8	34	24.1	23.9	23.6	32.5
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D7189BH06	D7189BH06	D7189BH06	D7189BH07	D7189BH07	D7189BH07	D7189BH08	D7189BH09	D7189BH09
		8/28/1989	8/28/1989	8/28/1989	8/29/1989	8/29/1989	8/29/1989	8/29/1989	8/29/1989	8/29/1989
		BHD710008908-06-05	BHD710008908-06-09	BHD710008908-06-14	BHD710008908-07-04	BHD710008908-07-09	BHD710008908-07-14	BHD710008908-08-05	BHD710008908-09-05	BHD710008908-09-09
VOCs										
Acetone	67-64-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzene	71-43-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromodichloromethane	75-27-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromoform	75-25-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromomethane	74-83-9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Carbon Disulfide	75-15-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Carbon Tetrachloride	56-23-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chlorobenzene	108-90-7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloroethane	75-00-3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloroform	67-66-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	74-87-3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
cis-1,3-Dichloropropene	10061-01-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibromochloromethane	124-48-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethane, 1,2-	107-06-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,1-	75-35-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,2- (Total)	540-59-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropane, 1,2-	78-87-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropene, trans-1,3-	10061-02-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	100-41-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexanone, 2-	591-78-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methylene Chloride	75-09-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	100-42-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	127-18-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	108-88-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,1-	71-55-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,2-	79-00-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethene	79-01-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Acetate	108-05-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Chloride	75-01-4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Xylenes	1330-20-7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	2.12	2.72	3.83	5.78	9.21	3.3	6.6	2.79	5.27

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D7189BH06	D7189BH06	D7189BH06	D7189BH07	D7189BH07	D7189BH07	D7189BH08	D7189BH09	D7189BH09
		8/28/1989	8/28/1989	8/28/1989	8/29/1989	8/29/1989	8/29/1989	8/29/1989	8/29/1989	8/29/1989
		BHD710008908-06-05	BHD710008908-06-09	BHD710008908-06-14	BHD710008908-07-04	BHD710008908-07-09	BHD710008908-07-14	BHD710008908-08-05	BHD710008908-09-05	BHD710008908-09-09
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9	1.28	1.44	1.67	1.35	1.58	1.41	1.36	1.38	1.09
Calcium	7440-70-2									
Chromium, Total	7440-47-3	9.7	9.6	10.9	10	10.8	10	9.2	8.5	8.1
Cobalt	7440-48-4									
Copper	7440-50-8									
Iron	7439-89-6									
Lead	7439-92-1	8.2	9.1	8.3	8	11.1	9.9	10.2	9.5	7.3
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	7440-02-0	12.9	15.4	16	12.5	17	14.7	15.3	15.6	12.7
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6	31.3	26.7	35.2	29.3	36.1	33	29.1	31.1	24.5
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D7189BH09	D7189BH10	D7189BH10	D7189BH10	D7189BH11	D7189BH11	D7189BH11	D7189BH12	D7189BH13
		8/29/1989	8/31/1989	8/31/1989	8/31/1989	8/31/1989	8/31/1989	8/31/1989	8/31/1989	8/31/1989
		BHD710008908-09-15	BHD710008908-10-05	BHD710008908-10-09	BHD710008908-10-14	BHD710008908-11-05	BHD710008908-11-10	BHD710008908-11-14	BHD710008908-12-06	BHD710008908-13-02
VOCs										
Acetone	67-64-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzene	71-43-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromodichloromethane	75-27-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromoform	75-25-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromomethane	74-83-9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Carbon Disulfide	75-15-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Carbon Tetrachloride	56-23-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chlorobenzene	108-90-7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloroethane	75-00-3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloroform	67-66-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	74-87-3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
cis-1,3-Dichloropropene	10061-01-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibromochloromethane	124-48-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethane, 1,2-	107-06-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,1-	75-35-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,2- (Total)	540-59-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropane, 1,2-	78-87-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropene, trans-1,3-	10061-02-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	100-41-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexanone, 2-	591-78-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methylene Chloride	75-09-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	100-42-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	127-18-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	108-88-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,1-	71-55-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,2-	79-00-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethene	79-01-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Acetate	108-05-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Chloride	75-01-4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Xylenes	1330-20-7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
SVOCs										
Chlorobenzilate	510-15-6									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	< 1	1.79	1.47	3.63	1.9	3.9	1.9	3.35	2.4

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D7189BH09	D7189BH10	D7189BH10	D7189BH10	D7189BH11	D7189BH11	D7189BH11	D7189BH12	D7189BH13
		8/29/1989	8/31/1989	8/31/1989	8/31/1989	8/31/1989	8/31/1989	8/31/1989	8/31/1989	8/31/1989
		BHD710008908-09-15	BHD710008908-10-05	BHD710008908-10-09	BHD710008908-10-14	BHD710008908-11-05	BHD710008908-11-10	BHD710008908-11-14	BHD710008908-12-06	BHD710008908-13-02
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9	1.27	1.11	1.79	2.07	1.45	1.98	1.37	1.17	1
Calcium	7440-70-2									
Chromium, Total	7440-47-3	8.9	10.6	12	15	12.5	14.1	12.1	10.4	8.6
Cobalt	7440-48-4									
Copper	7440-50-8									
Iron	7439-89-6									
Lead	7439-92-1	7.6	9.6	10.7	10.4	10.8	12.2	9.7	10.7	10.2
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	7440-02-0	12.8	12.4	23.9	18.5	15.9	19.9	14.1	14.9	12.8
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6	31.3	23.7	30.3	41.4	35.6	41	31.8	25.2	22.2
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D7189BH13	D71GEO89BH01	D71GEO89BH01	D71GEO89BH02	D71GEO89BH02	D71GEO89BH03	D71GEO89BH03	D71GEO89BH04	D71GEO89BH04
		8/31/1989	8/23/1989	8/23/1989	8/23/1989	8/23/1989	8/23/1989	8/23/1989	8/24/1989	8/24/1989
		BHD710008908-13-06	BHD71GEO8908-01-05	BHD71GEO8908-01-11	BHD71GEO8908-02-07	BHD71GEO8908-02-12	BHD71GEO8908-03-07	BHD71GEO8908-03-12	BHD71GEO8908-04-02	BHD71GEO8908-04-05
VOCs										
Acetone	67-64-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzene	71-43-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromodichloromethane	75-27-4	< 0.1					< 0.1	< 0.1	< 0.1	< 0.1
Bromoform	75-25-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromomethane	74-83-9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Carbon Disulfide	75-15-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Carbon Tetrachloride	56-23-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chlorobenzene	108-90-7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloroethane	75-00-3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloroform	67-66-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	74-87-3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
cis-1,3-Dichloropropene	10061-01-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibromochloromethane	124-48-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethane, 1,2-	107-06-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,1-	75-35-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloroethene, 1,2- (Total)	540-59-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropane, 1,2-	78-87-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dichloropropene, trans-1,3-	10061-02-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	100-41-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexanone, 2-	591-78-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methylene Chloride	75-09-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Styrene	100-42-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	127-18-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	108-88-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,1-	71-55-6	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,2-	79-00-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethene	79-01-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Acetate	108-05-4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl Chloride	75-01-4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Xylenes	1330-20-7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
SVOCs										
Chlorobenzilate	510-15-6		< 0.1	< 0.1	< 0.1	< 0.1				
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	2.41	< 2	< 2	< 2	2.26	< 1	2.25	2.5	1.77

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D7189BH13	D71GEO89BH01	D71GEO89BH01	D71GEO89BH02	D71GEO89BH02	D71GEO89BH03	D71GEO89BH03	D71GEO89BH04	D71GEO89BH04
		8/31/1989	8/23/1989	8/23/1989	8/23/1989	8/23/1989	8/23/1989	8/23/1989	8/24/1989	8/24/1989
		BHD710008908-13-06	BHD71GEO8908-01-05	BHD71GEO8908-01-11	BHD71GEO8908-02-07	BHD71GEO8908-02-12	BHD71GEO8908-03-07	BHD71GEO8908-03-12	BHD71GEO8908-04-02	BHD71GEO8908-04-05
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9	1.01	0.35	0.411	0.481	0.393	0.322	0.318	0.507	0.387
Calcium	7440-70-2									
Chromium, Total	7440-47-3	8.8	15.6	16.9	18.3	13	10.7	11.3	10.4	10.8
Cobalt	7440-48-4									
Copper	7440-50-8									
Iron	7439-89-6									
Lead	7439-92-1	11.1	9.4	10.7	13	10.8	11.2	14.2	13.7	9.09
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	7440-02-0	13.5	15.6	16.5	22.1	20.2	14.6	17.4	16.6	14.7
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6	23.5	73.3	69.6	66.7	73.6	69.3	53.7	69.9	48.3
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D71GEO89BH04	DV91BH03	DV91BH03
		8/24/1989	11/14/1991	11/14/1991
		BHD71GEO8908-04-12	BH0DV1099111-03-05	BH0DV1099111-03-10
VOCs				
Acetone	67-64-1	< 0.1	< 0.01	< 0.01
Benzene	71-43-2	< 0.1	< 0.01	< 0.01
Bromodichloromethane	75-27-4	< 0.1	< 0.01	< 0.01
Bromoform	75-25-2	< 0.1	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.2	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.1	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.1	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.1	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.2	< 0.01	< 0.01
Chloroform	67-66-3	< 0.1	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.2	< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.1	< 0.01	< 0.01
Dibromochloromethane	124-48-1	< 0.1	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1		< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1		< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7		< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.1	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.1	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.1	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.1	< 0.01	< 0.01
Dichloropropane, 1,2-	78-87-5	< 0.1	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.1	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.1	< 0.01	< 0.01
Hexanone, 2-	591-78-6	< 0.1	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.1	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.1	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.1	< 0.01	< 0.01
Styrene	100-42-5	< 0.1	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.1	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.1	< 0.01	< 0.01
Toluene	108-88-3	< 0.1	< 0.01	< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.1	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.1	< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.1	< 0.01	0.25
Trichlorofluoromethane	75-69-4		< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.1	< 0.005	< 0.005
Vinyl Acetate	108-05-4	< 0.1		
Vinyl Chloride	75-01-4	< 0.2	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.1	< 0.01	< 0.01
SVOCs				
Chlorobenzilate	510-15-6			
Metals and Inorganics				
Aluminum	7429-90-5		23400	23900
Antimony	7440-36-0		< 0.5	< 0.5
Arsenic	7440-38-2	1.95	3.6	4.05

Table A-5
Comparison of Subsurface Soil Data to Human Health Screening Criteria (D27 to D71)
Bannister Federal Complex

Chemical	CAS	D71GEO89BH04	DV91BH03	DV91BH03
		8/24/1989	11/14/1991	11/14/1991
		BHD71GEO8908-04-12	BH0DV1099111-03-05	BH0DV1099111-03-10
Barium	7440-39-3		149	259
Beryllium	7440-41-7		0.75	0.8
Cadmium	7440-43-9	0.43	< 0.05	< 0.05
Calcium	7440-70-2		7130	3580
Chromium, Total	7440-47-3	10.9	23.9	23.2
Cobalt	7440-48-4		6.05	13.6
Copper	7440-50-8		15.8	50
Iron	7439-89-6		17100	19200
Lead	7439-92-1	5.74	15.5	25
Magnesium	7439-95-4		2860	2730
Manganese	7439-96-5		554	990
Mercury	7439-97-6	< 0.1	< 0.5	< 0.5
Nickel	7440-02-0	14.4	16.8	25.4
Potassium	7440-09-7		3090	3270
Selenium	7782-49-2		< 0.25	< 0.25
Silver	7440-22-4		< 1.5	< 1.5
Sodium	7440-23-5		214	114
Thallium (Soluble Salts)	7440-28-0		< 5	< 5
Vanadium	NA		35.7	37.8
Zinc	7440-66-6	91.6	61.9	92.6
PCBs and Dioxins				
Aroclor 1016	12674-11-2	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1
Hydrocarbons				
Diesel Range Organics				
Fuel Oil				
Gasoline Range Organics				
Jet Fuel				
Kerosene	8008-20-6			
Mineral Spirits	64475-85-0			
Motor Oil				
TPH (Total)		< 5	< 20	< 20

Notes:

< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS89BH01	MPS89BH01	MPS89BH01	MPS89BH01	MPS89BH02	MPS89BH02	MPS89BH02	MPS89BH02	MPS89BH02
		5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989
		BHMPSOIL8905-01-08	BHMPSOIL8905-01-10	BHMPSOIL8905-01-12	BHMPSOIL8905-01-14	BHMPSOIL8905-02-07	BHMPSOIL8905-02-09	BHMPSOIL8905-02-11	BHMPSOIL8905-02-13	BHMPSREP8905-02-14
VOCs										
Acetone	67-64-1									1.7 B
Acrolein	107-02-8	< 1.2	< 0.05	< 0.05	< 12		< 0.01	< 0.01		
Acrylonitrile	107-13-1	< 1.2	< 0.05	< 0.05	< 12		< 0.01	< 0.01		
Benzene	71-43-2	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Bromoform	75-25-2	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Bromomethane	74-83-9	< 1.2	< 0.05	< 0.05	< 12		< 0.01	< 0.01		< 1.7
Carbon Disulfide	75-15-0									< 0.83
Carbon Tetrachloride	56-23-5	< 0.62	< 0.025	0.028	< 6.2		< 0.005	< 0.005		< 0.83
Chlorobenzene	108-90-7	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Chloroethane	75-00-3	< 1.2	< 0.05	< 0.05	< 12		< 0.01	< 0.01		< 1.7
Chloroethyl Vinyl Ether, 2-	110-75-8	< 1.2	< 0.05	< 0.05	< 12		< 0.01	< 0.01		
Chloroform	67-66-3	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Chloromethane	74-87-3	< 1.2	< 0.05	< 0.05	< 12		< 0.01	< 0.01		< 1.7
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Dichloroethane, 1,2-	107-06-2	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Dichloroethene, 1,1-	75-35-4	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Dichloroethene, 1,2- (Total)	540-59-0									< 0.83
Dichloroethylene, 1,2-trans-	156-60-5	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		
Dichloropropane, 1,2-	78-87-5	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Dichloropropene, trans-1,3-	10061-02-6	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Ethylbenzene	100-41-4	< 0.62	< 0.025	0.24	< 6.2		0.002 J	0.001 J		< 0.83
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									< 1.7
Methyl Ethyl Ketone (2-Butanone)	78-93-3									< 1.7
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									< 1.7
Methylene Chloride	75-09-2	< 0.62	0.077	0.043	< 6.2		0.006	0.012		1.4 B
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5									< 0.83
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83
Tetrachloroethene	127-18-4	3.3	0.73	7.2 D	9.9		0.002 J	< 0.005		0.78 J
Toluene	108-88-3	0.17 J	0.011 J	0.57 J	< 6.2		0.001 J	< 0.005		< 0.83
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.62	< 0.025	0.33	9.7		< 0.005	< 0.005		< 0.83
Trichloroethane, 1,1,2-	79-00-5	< 0.62	< 0.025	< 0.025	< 6.2		< 0.005	< 0.005		< 0.83

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS89BH01	MPS89BH01	MPS89BH01	MPS89BH01	MPS89BH02	MPS89BH02	MPS89BH02	MPS89BH02	MPS89BH02
		5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989
		BHMPSOIL8905-01-08	BHMPSOIL8905-01-10	BHMPSOIL8905-01-12	BHMPSOIL8905-01-14	BHMPSOIL8905-02-07	BHMPSOIL8905-02-09	BHMPSOIL8905-02-11	BHMPSOIL8905-02-13	BHMPSREP8905-02-14
Trichloroethene	79-01-6	0.51 J	0.093	12 D	230		0.017	0.009		0.88 B
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									< 1.7
Vinyl Chloride	75-01-4	< 1.2	< 0.05	< 0.05	< 12		< 0.01	< 0.01		< 1.7
Xylenes	1330-20-7									< 0.83
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS89BH01	MPS89BH01	MPS89BH01	MPS89BH01	MPS89BH02	MPS89BH02	MPS89BH02	MPS89BH02	MPS89BH02
		5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989
		BHMPSOIL8905-01-08	BHMPSOIL8905-01-10	BHMPSOIL8905-01-12	BHMPSOIL8905-01-14	BHMPSOIL8905-02-07	BHMPSOIL8905-02-09	BHMPSOIL8905-02-11	BHMPSOIL8905-02-13	BHMPSREP8905-02-14
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	17.1							4.9	14
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9	1.6							0.9	0.17
Calcium	7440-70-2									
Chromium, Total	7440-47-3	6							10	19
Cobalt	7440-48-4									
Copper	7440-50-8	22							11	19
Iron	7439-89-6									
Lead	7439-92-1	19.5							8.7	26.7
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.1							< 0.1	0.0126
Nickel	7440-02-0	14							12	19
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6	32.7							40.9	75
PCBs and Dioxins										
Aroclor 1016	12674-11-2									< 10.458
Aroclor 1221	11104-28-2									< 10.458
Aroclor 1232	11141-16-5									< 10.458
Aroclor 1242	53469-21-9									42.963
Aroclor 1248	12672-29-6									< 10.458
Aroclor 1254	11097-69-1	0.71	0.52	2.8	3	0.27	0.41	0.31	0.82	137

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS89BH01	MPS89BH01	MPS89BH01	MPS89BH01	MPS89BH02	MPS89BH02	MPS89BH02	MPS89BH02	MPS89BH02
		5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989	5/5/1989
		BHMPSOIL8905-01-08	BHMPSOIL8905-01-10	BHMPSOIL8905-01-12	BHMPSOIL8905-01-14	BHMPSOIL8905-02-07	BHMPSOIL8905-02-09	BHMPSOIL8905-02-11	BHMPSOIL8905-02-13	BHMPSREP8905-02-14
Aroclor 1260	11096-82-5	< 0.07	< 0.05	< 0.25	< 0.26	0.25	0.15	0.08	0.54	6.7
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		1300	2900	2900	2700	3800	3900	4900		392

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS89BH02	MPS94BH01	MPS94BH01	MPS94BH01	MPS94BH02	MPS94BH02	MPS94BH02	MPS94BH03	MPS94BH03
		5/5/1989	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994
		BHMPSREP8905-02-15	BHMPS0009401-01-02	BHMPS0009401-01-03	BHMPS0009401-01-06	BHMPS0009401-02-02	BHMPS0009401-02-03	BHMPS0009401-02-05	BHMPS0009401-03-02	BHMPS0009401-03-03
VOCs										
Acetone	67-64-1									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS89BH02	MPS94BH01	MPS94BH01	MPS94BH01	MPS94BH02	MPS94BH02	MPS94BH02	MPS94BH03	MPS94BH03
		5/5/1989	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994
		BHMPSREP8905-02-15	BHMPS0009401-01-02	BHMPS0009401-01-03	BHMPS0009401-01-06	BHMPS0009401-02-02	BHMPS0009401-02-03	BHMPS0009401-02-05	BHMPS0009401-03-02	BHMPS0009401-03-03
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS89BH02	MPS94BH01	MPS94BH01	MPS94BH01	MPS94BH02	MPS94BH02	MPS94BH02	MPS94BH03	MPS94BH03
		5/5/1989	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994
		BHMPSREP8905-02-15	BHMPS0009401-01-02	BHMPS0009401-01-03	BHMPS0009401-01-06	BHMPS0009401-02-02	BHMPS0009401-02-03	BHMPS0009401-02-05	BHMPS0009401-03-02	BHMPS0009401-03-03
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2	3								
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9	< 0.5								
Calcium	7440-70-2									
Chromium, Total	7440-47-3	10								
Cobalt	7440-48-4									
Copper	7440-50-8	10								
Iron	7439-89-6									
Lead	7439-92-1	7.6								
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6	< 0.1								
Nickel	7440-02-0	13								
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6	32.2								
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	0.35	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS89BH02	MPS94BH01	MPS94BH01	MPS94BH01	MPS94BH02	MPS94BH02	MPS94BH02	MPS94BH03	MPS94BH03
		5/5/1989	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994	1/10/1994
		BHMPSREP8905-02-15	BHMPS0009401-01-02	BHMPS0009401-01-03	BHMPS0009401-01-06	BHMPS0009401-02-02	BHMPS0009401-02-03	BHMPS0009401-02-05	BHMPS0009401-03-02	BHMPS0009401-03-03
Aroclor 1260	11096-82-5	0.18	< 1	< 1	< 1	< 1	< 1	2	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH03	MPS94BH06	MPS94BH06	MPS94BH07	MPS94BH07	MPS94BH08	MPS94BH08	MPS94BH09	MPS94BH09
		1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-03-05	BHMPS0009401-06-03	BHMPS0009401-06-06	BHMPS0009401-07-03	BHMPS0009401-07-06	BHMPS0009401-08-03	BHMPS0009401-08-06	BHMPS0009401-09-03	BHMPS0009401-09-06
VOCs										
Acetone	67-64-1									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH03	MPS94BH06	MPS94BH06	MPS94BH07	MPS94BH07	MPS94BH08	MPS94BH08	MPS94BH09	MPS94BH09
		1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-03-05	BHMPS0009401-06-03	BHMPS0009401-06-06	BHMPS0009401-07-03	BHMPS0009401-07-06	BHMPS0009401-08-03	BHMPS0009401-08-06	BHMPS0009401-09-03	BHMPS0009401-09-06
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH03	MPS94BH06	MPS94BH06	MPS94BH07	MPS94BH07	MPS94BH08	MPS94BH08	MPS94BH09	MPS94BH09
		1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-03-05	BHMPS0009401-06-03	BHMPS0009401-06-06	BHMPS0009401-07-03	BHMPS0009401-07-06	BHMPS0009401-08-03	BHMPS0009401-08-06	BHMPS0009401-09-03	BHMPS0009401-09-06
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH03	MPS94BH06	MPS94BH06	MPS94BH07	MPS94BH07	MPS94BH08	MPS94BH08	MPS94BH09	MPS94BH09
		1/10/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/6/1994	1/6/1994
		BHMPS0009401-03-05	BHMPS0009401-06-03	BHMPS0009401-06-06	BHMPS0009401-07-03	BHMPS0009401-07-06	BHMPS0009401-08-03	BHMPS0009401-08-06	BHMPS0009401-09-03	BHMPS0009401-09-06
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH10	MPS94BH10	MPS94BH11	MPS94BH11	MPS94BH12	MPS94BH12	MPS94BH13	MPS94BH13	MPS94BH14
		1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/5/1994
		BHMPS0009401-10-03	BHMPS0009401-10-06	BHMPS0009401-11-03	BHMPS0009401-11-06	BHMPS0009401-12-03	BHMPS0009401-12-06	BHMPS0009401-13-03	BHMPS0009401-13-06	BHMPS0009401-14-03
VOCs										
Acetone	67-64-1									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH10	MPS94BH10	MPS94BH11	MPS94BH11	MPS94BH12	MPS94BH12	MPS94BH13	MPS94BH13	MPS94BH14
		1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/5/1994
		BHMPS0009401-10-03	BHMPS0009401-10-06	BHMPS0009401-11-03	BHMPS0009401-11-06	BHMPS0009401-12-03	BHMPS0009401-12-06	BHMPS0009401-13-03	BHMPS0009401-13-06	BHMPS0009401-14-03
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH10	MPS94BH10	MPS94BH11	MPS94BH11	MPS94BH12	MPS94BH12	MPS94BH13	MPS94BH13	MPS94BH14
		1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/5/1994
		BHMPS0009401-10-03	BHMPS0009401-10-06	BHMPS0009401-11-03	BHMPS0009401-11-06	BHMPS0009401-12-03	BHMPS0009401-12-06	BHMPS0009401-13-03	BHMPS0009401-13-06	BHMPS0009401-14-03
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH10	MPS94BH10	MPS94BH11	MPS94BH11	MPS94BH12	MPS94BH12	MPS94BH13	MPS94BH13	MPS94BH14
		1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/6/1994	1/5/1994	1/5/1994	1/5/1994
		BHMPS0009401-10-03	BHMPS0009401-10-06	BHMPS0009401-11-03	BHMPS0009401-11-06	BHMPS0009401-12-03	BHMPS0009401-12-06	BHMPS0009401-13-03	BHMPS0009401-13-06	BHMPS0009401-14-03
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH14	MVRSS93BH01	MVRSS93BH01	MVRSS93BH02	MVRSS93BH02	MVRSS93BH02	MVRSS93BH03	MVRSS93BH03	MVRSS93BH03
		1/5/1994	10/23/1993	10/23/1993	10/23/1993	10/23/1993	10/23/1993	10/25/1993	10/25/1993	10/25/1993
		BHMPS0009401-14-06	BHMVR0009310-01-03	BHMVR0009310-01-10	BHMVR0009310-02-03	BHMVR0009310-02-08	BHMVR0009310-02-10	BHMVR0009310-03-05	BHMVR0009310-03-08	BHMVR0009310-03-12
VOCs										
Acetone	67-64-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bromodichloromethane	75-27-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chlorophenol, 2-	95-57-8		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
cis-1,3-Dichloropropene	10061-01-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibromochloromethane	124-48-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0		< 0.01	0.017	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4		< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexanone, 2-	591-78-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.011	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrobenzene	98-95-3		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Styrene	100-42-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Trichloroethane, 1,1,1-	71-55-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH14	MVRSS93BH01	MVRSS93BH01	MVRSS93BH02	MVRSS93BH02	MVRSS93BH02	MVRSS93BH03	MVRSS93BH03	MVRSS93BH03
		1/5/1994	10/23/1993	10/23/1993	10/23/1993	10/23/1993	10/23/1993	10/25/1993	10/25/1993	10/25/1993
		BHMPS0009401-14-06	BHMVR0009310-01-03	BHMVR0009310-01-10	BHMVR0009310-02-03	BHMVR0009310-02-08	BHMVR0009310-02-10	BHMVR0009310-03-05	BHMVR0009310-03-08	BHMVR0009310-03-12
Trichloroethene	79-01-6		< 0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Acenaphthylene	208-96-8		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Anthracene	120-12-7		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[a]anthracene	56-55-3		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[a]pyrene	50-32-8		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[b]fluoranthene	205-99-2		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[g,h,i]perylene	191-24-2		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[k]fluoranthene	207-08-9		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzoic Acid	65-85-0		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Benzyl Alcohol	100-51-6		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bis(2-chloroethoxy)methane	111-91-1		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
bis(2-Chloroisopropyl)ether	39638-32-9		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bromophenyl phenyl ether, 4-	101-55-3		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Butyl Benzyl Phthlate	85-68-7		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chloroaniline, p-	106-47-8		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chlorophenyl-phenylether, 4-	7005-72-3		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chrysene	218-01-9		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Cresol, o-	95-48-7		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Cresol, p-	106-44-5		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibenz[a,h]anthracene	53-70-3		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibenzofuran	132-64-9		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibutyl Phthalate	84-74-2		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dichlorobenzidine, 3,3'-	91-94-1		< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66
Dichlorophenol, 2,4-	120-83-2		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Diethyl Phthalate	84-66-2		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dimethyl phthalate	131-11-3		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dimethylphenol, 2,4-	105-67-9		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dinitro-o-cresol, 4,6-	534-52-1		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Dinitrophenol, 2,4-	51-28-5		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Dinitrotoluene, 2,4-	121-14-2		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dinitrotoluene, 2,6-	606-20-2		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Di-n-octylphthalate			< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Fluoranthene	206-44-0		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Fluorene	86-73-7		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachlorobenzene	118-74-1		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachlorocyclopentadiene	77-47-4		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachloroethane	67-72-1		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Indeno[1,2,3-cd]pyrene	193-39-5		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH14	MVRSS93BH01	MVRSS93BH01	MVRSS93BH02	MVRSS93BH02	MVRSS93BH02	MVRSS93BH03	MVRSS93BH03	MVRSS93BH03
		1/5/1994	10/23/1993	10/23/1993	10/23/1993	10/23/1993	10/23/1993	10/25/1993	10/25/1993	10/25/1993
		BHMPS0009401-14-06	BHMVR0009310-01-03	BHMVR0009310-01-10	BHMVR0009310-02-03	BHMVR0009310-02-08	BHMVR0009310-02-10	BHMVR0009310-03-05	BHMVR0009310-03-08	BHMVR0009310-03-12
Isophorone	78-59-1		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Methylnaphthalene, 2-	91-57-6		< 0.33	< 0.33	< 0.33	1.2	< 0.33	< 0.33	< 0.33	< 0.33
Nitroaniline, 2-	88-74-4		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroaniline, 3-	99-09-2		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroaniline, 4-	100-01-6		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitrophenol, 2-	88-75-5		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrophenol, 4-	100-02-7		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroso-di-N-propylamine, N-	621-64-7		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrosodiphenylamine, N-	86-30-6		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Pentachlorophenol	87-86-5		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Phenanthrene	85-01-8		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Phenol	108-95-2		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Pyrene	129-00-0		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Trichlorophenol, 2,4,5-	95-95-4		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Trichlorophenol, 2,4,6-	88-06-2		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Metals and Inorganics										
Aluminum	7429-90-5		9420	7290	6630	3820	7500	10100	6140	12700
Antimony	7440-36-0		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Arsenic	7440-38-2		3.8	4.8	< 0.5	< 0.5	< 0.5	0.66	0.64	6.76
Barium	7440-39-3		205	118	171	129	126	140	83.1	124
Beryllium	7440-41-7		0.7	0.5	0.6	0.6	0.6	0.8	0.5	0.8
Cadmium	7440-43-9		< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Calcium	7440-70-2		4140	3200	3990	3390	3240	4960	3600	5010
Chromium, Total	7440-47-3		12.7	10.6	9.5	11.4	10.2	12.5	9.5	18
Cobalt	7440-48-4		6.3	5.5	< 5	< 5	< 5	< 5	< 5	< 5
Copper	7440-50-8		13.4	9	10.6	11	10.9	12.8	9.2	14.6
Iron	7439-89-6		12300	9160	9570	10400	11900	15000	7930	19500
Lead	7439-92-1		24	15	11	15	< 0.5	12	14	21
Magnesium	7439-95-4		1780	1720	1440	1990	1720	2320	1600	2840
Manganese	7439-96-5		252	351	246	472	624	430	169	529
Mercury	7439-97-6		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0		15.8	12.3	11.3	13.7	14.9	14.5	9.5	16
Potassium	7440-09-7		987	950	< 200	1180	1050	1120	< 200	1800
Selenium	7782-49-2		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Silver	7440-22-4		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Sodium	7440-23-5		206	74.9	239	126	134	79.5	53.3	88.7
Thallium (Soluble Salts)	7440-28-0		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vanadium	NA		13	8.5	12.2	8.2	12.3	12.7	7.8	15.4
Zinc	7440-66-6		51	39	33.7	48.5	42.6	46.1	34.2	63.8
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MPS94BH14	MVRSS93BH01	MVRSS93BH01	MVRSS93BH02	MVRSS93BH02	MVRSS93BH02	MVRSS93BH03	MVRSS93BH03	MVRSS93BH03
		1/5/1994	10/23/1993	10/23/1993	10/23/1993	10/23/1993	10/23/1993	10/25/1993	10/25/1993	10/25/1993
		BHMPS0009401-14-06	BHMVR0009310-01-03	BHMVR0009310-01-10	BHMVR0009310-02-03	BHMVR0009310-02-08	BHMVR0009310-02-10	BHMVR0009310-03-05	BHMVR0009310-03-08	BHMVR0009310-03-12
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Fuel Oil			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Gasoline Range Organics			< 10	< 10	< 10		< 10	< 10	< 10	< 10
Jet Fuel			< 10	< 10	< 10		< 10	< 10	< 10	< 10
Kerosene	8008-20-6		< 10	< 10	< 10		< 10	< 10	< 10	< 10
Mineral Spirits	64475-85-0		< 10	< 10	< 10		< 10	< 10	< 10	< 10
Motor Oil			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH (Total)			< 10	< 10	< 10	330 (1)	< 10	< 10	< 10	< 10

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH04	MVRSS93BH04	MVRSS93BH05	MVRSS93BH05	MVRSS93BH05	MVRSS93BH05	MVRSS93BH06	MVRSS93BH06	MVRSS93BH07
		10/25/1993	10/25/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/27/1993
		BHMVR0009310-04-04	BHMVR0009310-04-11	BHMVR0009310-05-04	BHMVR0009310-05-08	BHMVR0009310-05-10	BHMVR0009310-05-12	BHMVR0009310-06-04	BHMVR0009310-06-11	BHMVR0009310-07-05
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chlorophenol, 2-	95-57-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.33	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.33	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.33	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Hexachlorobutadiene	87-68-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Naphthalene	91-20-3	< 0.33	< 0.33	< 0.33	< 0.33	0.21 (3)	< 0.33	< 0.33	< 0.33	< 0.33
Nitrobenzene	98-95-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH04	MVRSS93BH04	MVRSS93BH05	MVRSS93BH05	MVRSS93BH05	MVRSS93BH05	MVRSS93BH06	MVRSS93BH06	MVRSS93BH07
		10/25/1993	10/25/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/27/1993
		BHMVR0009310-04-04	BHMVR0009310-04-11	BHMVR0009310-05-04	BHMVR0009310-05-08	BHMVR0009310-05-10	BHMVR0009310-05-12	BHMVR0009310-06-04	BHMVR0009310-06-11	BHMVR0009310-07-05
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Acenaphthylene	208-96-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Anthracene	120-12-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[a]anthracene	56-55-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[a]pyrene	50-32-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[b]fluoranthene	205-99-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[g,h,i]perylene	191-24-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[k]fluoranthene	207-08-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzoic Acid	65-85-0	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Benzyl Alcohol	100-51-6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bis(2-chloroethoxy)methane	111-91-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bromophenyl phenyl ether, 4-	101-55-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Butyl Benzyl Phthlate	85-68-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chloroaniline, p-	106-47-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chrysene	218-01-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Cresol, o-	95-48-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Cresol, p-	106-44-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibenz[a,h]anthracene	53-70-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibenzofuran	132-64-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibutyl Phthalate	84-74-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dichlorobenzidine, 3,3'-	91-94-1	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66
Dichlorophenol, 2,4-	120-83-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Diethyl Phthalate	84-66-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dimethyl phthalate	131-11-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dimethylphenol, 2,4-	105-67-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dinitro-o-cresol, 4,6-	534-52-1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Dinitrophenol, 2,4-	51-28-5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Dinitrotoluene, 2,4-	121-14-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dinitrotoluene, 2,6-	606-20-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Di-n-octylphthalate		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Fluoranthene	206-44-0	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Fluorene	86-73-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachlorobenzene	118-74-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachlorocyclopentadiene	77-47-4	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachloroethane	67-72-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH04	MVRSS93BH04	MVRSS93BH05	MVRSS93BH05	MVRSS93BH05	MVRSS93BH05	MVRSS93BH06	MVRSS93BH06	MVRSS93BH07
		10/25/1993	10/25/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/27/1993
		BHMVR0009310-04-04	BHMVR0009310-04-11	BHMVR0009310-05-04	BHMVR0009310-05-08	BHMVR0009310-05-10	BHMVR0009310-05-12	BHMVR0009310-06-04	BHMVR0009310-06-11	BHMVR0009310-07-05
Isophorone	78-59-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Methylnaphthalene, 2-	91-57-6	< 0.33	< 0.33	< 0.33	< 0.33	0.56	< 0.33	< 0.33	< 0.33	< 0.33
Nitroaniline, 2-	88-74-4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroaniline, 3-	99-09-2	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroaniline, 4-	100-01-6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitrophenol, 2-	88-75-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrophenol, 4-	100-02-7	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroso-di-N-propylamine, N-	621-64-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrosodiphenylamine, N-	86-30-6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Pentachlorophenol	87-86-5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Phenanthrene	85-01-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Phenol	108-95-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Pyrene	129-00-0	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Trichlorophenol, 2,4,5-	95-95-4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Trichlorophenol, 2,4,6-	88-06-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Metals and Inorganics										
Aluminum	7429-90-5	13900	7660	10500	12000	10700	9970	12500	10300	8930
Antimony	7440-36-0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Arsenic	7440-38-2	3.64	2.79	2.14	1.52	7.78	1.53	3.44	5.29	1.8
Barium	7440-39-3	144	242	195	154	141	110	95.9	169	133
Beryllium	7440-41-7	0.8	0.7	0.6	0.6	0.6	0.5	0.6	0.6	0.5
Cadmium	7440-43-9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.5
Calcium	7440-70-2	13800	4000	5650	4490	4230	3500	3050	3350	3040
Chromium, Total	7440-47-3	17.7	9.5	12.4	13	12.6	11.5	13.5	26.7	11.6
Cobalt	7440-48-4	< 5	13.5	6.2	6	10.3	7.7	8	18.3	< 5
Copper	7440-50-8	14.7	11.8	11.4	12.3	11.7	12.3	11.3	18.3	11.5
Iron	7439-89-6	17400	17400	12300	14400	14700	13800	14500	13800	11800
Lead	7439-92-1	31	14	12	17	15	< 0.5	11	16	10
Magnesium	7439-95-4	2910	500	2000	2250	2200	1860	1630	1560	1260
Manganese	7439-96-5	295	1040	474	470	531	807	767	1340	408
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	19.1	12.5	14	12.7	16.8	17.1	19.4	26.9	13.7
Potassium	7440-09-7	1780	967	1090	851	930	1200	1200	956	1270
Selenium	7782-49-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Silver	7440-22-4	< 3	< 3	< 3	< 3	< 3	< 3	< 3	9.6	< 3
Sodium	7440-23-5	130	87.8	62.3	73.2	80.8	90.6	85.3	75.6	117
Thallium (Soluble Salts)	7440-28-0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vanadium	NA	16.7	15.3	14.4	18.6	15.9	19.9	17.4	19.6	16.5
Zinc	7440-66-6	75.8	41.3	42.4	44.5	42.9	43.1	50.5	62	37.7
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH04	MVRSS93BH04	MVRSS93BH05	MVRSS93BH05	MVRSS93BH05	MVRSS93BH05	MVRSS93BH06	MVRSS93BH06	MVRSS93BH07
		10/25/1993	10/25/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/26/1993	10/27/1993
		BHMVR0009310-04-04	BHMVR0009310-04-11	BHMVR0009310-05-04	BHMVR0009310-05-08	BHMVR0009310-05-10	BHMVR0009310-05-12	BHMVR0009310-06-04	BHMVR0009310-06-11	BHMVR0009310-07-05
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics		< 10	< 10	< 10				< 10	< 10	< 10
Fuel Oil		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Gasoline Range Organics		< 10	< 10	< 10				< 10	< 10	< 10
Jet Fuel		< 10	< 10	< 10				< 10	< 10	< 10
Kerosene	8008-20-6	< 10	< 10	< 10				< 10	< 10	< 10
Mineral Spirits	64475-85-0	< 10	< 10	< 10				< 10	< 10	< 10
Motor Oil		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH (Total)		< 10	< 10	< 10	21 (1)	390 (1)	23 (1)	< 10	< 10	< 10

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH07	MVRSS93BH07	MVRSS93BH07	MVRSS93BH08	MVRSS93BH08	MVRSS93BH08	MVRSS93BH09	MVRSS93BH10	MVRSS93BH10
		10/27/1993	10/27/1993	10/27/1993	10/28/1993	10/28/1993	10/28/1993	10/28/1993	10/29/1993	10/29/1993
		BHMVR0009310-07-10	BHMVR0009310-07-11	BHMVR0009310-07-14	BHMVR0009310-08-05	BHMVR0009310-08-09	BHMVR0009310-08-14	BHMVR0009310-09-04	BHMVR0009310-10-05	BHMVR0009310-10-10
VOCs										
Acetone	67-64-1	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 1.2	< 1.2	0.011	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Bis(2-chloroethyl)ether	111-44-4	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bromodichloromethane	75-27-4	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Bromoform	75-25-2	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Bromomethane	74-83-9	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Carbon Disulfide	75-15-0	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Carbon Tetrachloride	56-23-5	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Chlorobenzene	108-90-7	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Chloroethane	75-00-3	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Chloromethane	74-87-3	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Chloronaphthalene, Beta-	91-58-7	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chlorophenol, 2-	95-57-8	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Cresol, p-chloro-m-	59-50-7	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibromochloromethane	124-48-1	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.62	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.33
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.62	< 0.62	< 0.005	< 0.005	< 0.005	< 0.33	< 0.005	< 0.33
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.62	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.33
Dichloroethane, 1,1-	75-34-3	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichloroethane, 1,2-	107-06-2	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichloroethene, 1,1-	75-35-4	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Ethylbenzene	100-41-4	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Hexachlorobutadiene	87-68-3	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexanone, 2-	591-78-6	< 0.01	< 1.2	< 1.2	< 0.01	0.012	< 0.01	< 0.01	< 0.01	< 1.2
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Methylene Chloride	75-09-2	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Naphthalene	91-20-3	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrobenzene	98-95-3	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Styrene	100-42-5	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Tetrachloroethene	127-18-4	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	0.021	< 1.2
Toluene	108-88-3	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Trichlorobenzene, 1,2,4-	120-82-1	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH07	MVRSS93BH07	MVRSS93BH07	MVRSS93BH08	MVRSS93BH08	MVRSS93BH08	MVRSS93BH09	MVRSS93BH10	MVRSS93BH10
		10/27/1993	10/27/1993	10/27/1993	10/28/1993	10/28/1993	10/28/1993	10/28/1993	10/29/1993	10/29/1993
		BHMVR0009310-07-10	BHMVR0009310-07-11	BHMVR0009310-07-14	BHMVR0009310-08-05	BHMVR0009310-08-09	BHMVR0009310-08-14	BHMVR0009310-09-04	BHMVR0009310-10-05	BHMVR0009310-10-10
Trichloroethene	79-01-6	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Trichlorofluoromethane	75-69-4	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.62	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.62
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Xylenes	1330-20-7	< 0.01	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
SVOCs										
Acenaphthene	83-32-9	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Acenaphthylene	208-96-8	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Anthracene	120-12-7	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[a]anthracene	56-55-3	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[a]pyrene	50-32-8	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[b]fluoranthene	205-99-2	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[g,h,i]perylene	191-24-2	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[k]fluoranthene	207-08-9	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzoic Acid	65-85-0	< 1.6	< 16	< 16	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Benzyl Alcohol	100-51-6	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bis(2-chloroethoxy)methane	111-91-1	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bromophenyl phenyl ether, 4-	101-55-3	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Butyl Benzyl Phthlate	85-68-7	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chloroaniline, p-	106-47-8	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chrysene	218-01-9	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Cresol, o-	95-48-7	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Cresol, p-	106-44-5	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibenz[a,h]anthracene	53-70-3	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibenzofuran	132-64-9	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibutyl Phthalate	84-74-2	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dichlorobenzidine, 3,3'-	91-94-1	< 0.66	< 6.6	< 6.6	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66
Dichlorophenol, 2,4-	120-83-2	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Diethyl Phthalate	84-66-2	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dimethyl phthalate	131-11-3	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dimethylphenol, 2,4-	105-67-9	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dinitro-o-cresol, 4,6-	534-52-1	< 1.6	< 16	< 16	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Dinitrophenol, 2,4-	51-28-5	< 1.6	< 16	< 16	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Dinitrotoluene, 2,4-	121-14-2	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dinitrotoluene, 2,6-	606-20-2	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Di-n-octylphthalate		< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Fluoranthene	206-44-0	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Fluorene	86-73-7	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachlorobenzene	118-74-1	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachlorocyclopentadiene	77-47-4	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachloroethane	67-72-1	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH07	MVRSS93BH07	MVRSS93BH07	MVRSS93BH08	MVRSS93BH08	MVRSS93BH08	MVRSS93BH09	MVRSS93BH10	MVRSS93BH10
		10/27/1993	10/27/1993	10/27/1993	10/28/1993	10/28/1993	10/28/1993	10/28/1993	10/29/1993	10/29/1993
		BHMVR0009310-07-10	BHMVR0009310-07-11	BHMVR0009310-07-14	BHMVR0009310-08-05	BHMVR0009310-08-09	BHMVR0009310-08-14	BHMVR0009310-09-04	BHMVR0009310-10-05	BHMVR0009310-10-10
Isophorone	78-59-1	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Methylnaphthalene, 2-	91-57-6	< 0.33	5	< 3.3	< 0.33	< 0.33	0.88	< 0.33	< 0.33	< 0.33
Nitroaniline, 2-	88-74-4	< 1.6	< 16	< 16	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroaniline, 3-	99-09-2	< 1.6	< 16	< 16	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroaniline, 4-	100-01-6	< 1.6	< 16	< 16	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitrophenol, 2-	88-75-5	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrophenol, 4-	100-02-7	< 1.6	< 16	< 16	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroso-di-N-propylamine, N-	621-64-7	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrosodiphenylamine, N-	86-30-6	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Pentachlorophenol	87-86-5	< 1.6	< 16	< 16	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Phenanthrene	85-01-8	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Phenol	108-95-2	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Pyrene	129-00-0	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Trichlorophenol, 2,4,5-	95-95-4	< 1.6	< 16	< 16	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Trichlorophenol, 2,4,6-	88-06-2	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Metals and Inorganics										
Aluminum	7429-90-5	10800	13500	10800	8050	10200	8830	7150	11300	9150
Antimony	7440-36-0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Arsenic	7440-38-2	3.92	1.97	2.56	3.36	3.05	3.78	3.17	3.75	0.86
Barium	7440-39-3	156	142	118	116	139	96.2	160	143	125
Beryllium	7440-41-7	0.7	0.7	0.6	0.5	0.7	0.5	0.6	0.6	0.6
Cadmium	7440-43-9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Calcium	7440-70-2	4390	3790	3480	2860	5030	3380	4470	34200	4410
Chromium, Total	7440-47-3	12.1	14.4	12.2	9.4	12.4	11.1	9.2	112.4	11.4
Cobalt	7440-48-4	7.7	< 5	7.5	< 5	< 5	5.1	< 5	< 5	6.6
Copper	7440-50-8	13.5	12.6	11.6	11.3	14.5	11	10.3	12.6	12
Iron	7439-89-6	14000	16800	13400	10500	12100	11900	9470	11500	10600
Lead	7439-92-1	18	< 0.5	< 0.5	19	21	23	24	24	15
Magnesium	7439-95-4	2270	2150	1990	1760	2310	1890	1540	2420	1940
Manganese	7439-96-5	353	550	490	253	364	664	368	276	538
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	17.6	15.9	16.7	13.2	14.4	13.8	11.1	13.4	13.4
Potassium	7440-09-7	1020	1400	1490	1290	965	1420	691	1480	1150
Selenium	7782-49-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Silver	7440-22-4	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Sodium	7440-23-5	70.7	82.7	76.5	67.8	66.9	77.3	100	167	129
Thallium (Soluble Salts)	7440-28-0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vanadium	NA	15.4	21.5	11.8	12.5	14.9	10.3	11.6	14.5	9.7
Zinc	7440-66-6	42.5	50.6	48.3	41.2	42.7	51.9	34.6	57.2	45.3
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH07	MVRSS93BH07	MVRSS93BH07	MVRSS93BH08	MVRSS93BH08	MVRSS93BH08	MVRSS93BH09	MVRSS93BH10	MVRSS93BH10
		10/27/1993	10/27/1993	10/27/1993	10/28/1993	10/28/1993	10/28/1993	10/28/1993	10/29/1993	10/29/1993
		BHMVR0009310-07-10	BHMVR0009310-07-11	BHMVR0009310-07-14	BHMVR0009310-08-05	BHMVR0009310-08-09	BHMVR0009310-08-14	BHMVR0009310-09-04	BHMVR0009310-10-05	BHMVR0009310-10-10
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics		< 10		< 10	< 10	< 10		< 10	< 10	< 10
Fuel Oil		< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Gasoline Range Organics		< 10		< 10	< 10	< 10		< 10	< 10	< 10
Jet Fuel		< 10		< 10	< 10	< 10		< 10	< 10	120
Kerosene	8008-20-6	< 10		< 10	< 10	< 10		< 10	< 10	
Mineral Spirits	64475-85-0	< 10		< 10	< 10	< 10		< 10	< 10	< 10
Motor Oil		< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH (Total)		< 10	2700 (3)	1800 (3)	< 10	10 (6)	900 (6)	< 10	< 10	

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH10	MVRSS93BH11	MVRSS93BH11	MVRSS93BH11	MVRSS93BH12	MVRSS93BH12	MVRSS93BH13	MVRSS93BH13	MVRSS93BH14
		10/29/1993	10/30/1993	10/30/1993	10/30/1993	12/14/1993	12/14/1993	12/14/1993	12/14/1993	12/16/1993
		BHMVR0009310-10-14	BHMVR0009310-11-04	BHMVR0009310-11-10	BHMVR0009310-11-15	BHMVR0009312-12-03	BHMVR0009312-12-10	BHMVR0009312-13-03	BHMVR0009312-13-13	BHMVR0009312-14-03
VOCs										
Acetone	67-64-1	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bromodichloromethane	75-27-4	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chlorophenol, 2-	95-57-8	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
cis-1,3-Dichloropropene	10061-01-5	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibromochloromethane	124-48-1	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.33	< 0.33	< 0.005	< 0.33	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.33	< 0.33	< 0.005	< 0.33	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.33	< 0.33	< 0.005	< 0.33	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexanone, 2-	591-78-6	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrobenzene	98-95-3	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Styrene	100-42-5	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	22		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	0.016 (1)
Trichlorobenzene, 1,2,4-	120-82-1	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Trichloroethane, 1,1,1-	71-55-6	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH10	MVRSS93BH11	MVRSS93BH11	MVRSS93BH11	MVRSS93BH12	MVRSS93BH12	MVRSS93BH13	MVRSS93BH13	MVRSS93BH14
		10/29/1993	10/30/1993	10/30/1993	10/30/1993	12/14/1993	12/14/1993	12/14/1993	12/14/1993	12/16/1993
		BHMVR0009310-10-14	BHMVR0009310-11-04	BHMVR0009310-11-10	BHMVR0009310-11-15	BHMVR0009312-12-03	BHMVR0009312-12-10	BHMVR0009312-13-03	BHMVR0009312-13-13	BHMVR0009312-14-03
Trichloroethene	79-01-6	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.62		< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 1.2		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Acenaphthylene	208-96-8	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Anthracene	120-12-7	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[a]anthracene	56-55-3	< 0.33	0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[a]pyrene	50-32-8	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[b]fluoranthene	205-99-2	< 0.33	0.55		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[g,h,i]perylene	191-24-2	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[k]fluoranthene	207-08-9	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzoic Acid	65-85-0	< 1.6	< 1.6		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Benzyl Alcohol	100-51-6	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bis(2-chloroethoxy)methane	111-91-1	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bromophenyl phenyl ether, 4-	101-55-3	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Butyl Benzyl Phthlate	85-68-7	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chloroaniline, p-	106-47-8	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chrysene	218-01-9	< 0.33	0.38		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Cresol, o-	95-48-7	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Cresol, p-	106-44-5	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibenz[a,h]anthracene	53-70-3	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibenzofuran	132-64-9	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibutyl Phthalate	84-74-2	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dichlorobenzidine, 3,3'-	91-94-1	< 0.66	< 0.66		< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66
Dichlorophenol, 2,4-	120-83-2	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Diethyl Phthalate	84-66-2	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dimethyl phthalate	131-11-3	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dimethylphenol, 2,4-	105-67-9	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dinitro-o-cresol, 4,6-	534-52-1	< 1.6	< 1.6		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Dinitrophenol, 2,4-	51-28-5	< 1.6	< 1.6		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Dinitrotoluene, 2,4-	121-14-2	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dinitrotoluene, 2,6-	606-20-2	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Di-n-octylphthalate		< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Fluoranthene	206-44-0	< 0.33	0.8		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Fluorene	86-73-7	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachlorobenzene	118-74-1	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachlorocyclopentadiene	77-47-4	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachloroethane	67-72-1	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH10	MVRSS93BH11	MVRSS93BH11	MVRSS93BH11	MVRSS93BH12	MVRSS93BH12	MVRSS93BH13	MVRSS93BH13	MVRSS93BH14
		10/29/1993	10/30/1993	10/30/1993	10/30/1993	12/14/1993	12/14/1993	12/14/1993	12/14/1993	12/16/1993
		BHMVR0009310-10-14	BHMVR0009310-11-04	BHMVR0009310-11-10	BHMVR0009310-11-15	BHMVR0009312-12-03	BHMVR0009312-12-10	BHMVR0009312-13-03	BHMVR0009312-13-13	BHMVR0009312-14-03
Isophorone	78-59-1	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Methylnaphthalene, 2-	91-57-6	0.39	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitroaniline, 2-	88-74-4	< 1.6	< 1.6		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroaniline, 3-	99-09-2	< 1.6	< 1.6		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroaniline, 4-	100-01-6	< 1.6	< 1.6		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitrophenol, 2-	88-75-5	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrophenol, 4-	100-02-7	< 1.6	< 1.6		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroso-di-N-propylamine, N-	621-64-7	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrosodiphenylamine, N-	86-30-6	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Pentachlorophenol	87-86-5	< 1.6	< 1.6		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Phenanthrene	85-01-8	< 0.33	0.45		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Phenol	108-95-2	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Pyrene	129-00-0	< 0.33	0.84		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Trichlorophenol, 2,4,5-	95-95-4	< 1.6	< 1.6		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Trichlorophenol, 2,4,6-	88-06-2	< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Metals and Inorganics										
Aluminum	7429-90-5	17100	10400		8950	13400	9070	10700	9830	9840
Antimony	7440-36-0	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Arsenic	7440-38-2	27.9	2.67		3	3.33	2.15	2.14	3.15	3.16
Barium	7440-39-3	147	208		196	171	338	156	66.9	146
Beryllium	7440-41-7	0.8	0.6		0.5	0.6	0.5	0.6	0.6	0.5
Cadmium	7440-43-9	< 0.2	< 0.2		< 0.2	< 0.2	1	< 0.2	< 0.2	0.5
Calcium	7440-70-2	4870	58100		3910	3940	4100	4180	3940	3870
Chromium, Total	7440-47-3	18.9	13.5		10.9	15.2	11.1	12.4	12	11.6
Cobalt	7440-48-4	13	9.8		8.8	< 5	16.8	8.8	< 5	7.3
Copper	7440-50-8	15.7	13.6		11.4	11.7	11.8	11.9	10.4	11.3
Iron	7439-89-6	19200	15000		13600	15400	14400	12000	14700	12500
Lead	7439-92-1	14	54		13	< 0.5	15	< 0.5	16	18
Magnesium	7439-95-4	2970	3560		2080	2300	2100	1870	2330	1880
Manganese	7439-96-5	603	746		1770	1090	3000	220	82.8	844
Mercury	7439-97-6	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	20.7	22.4		18.3	15.8	57.9	15.8	8.9	21.6
Potassium	7440-09-7	2280	1370		1280	1750	1350	1350	1450	1320
Selenium	7782-49-2	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Silver	7440-22-4	< 3	< 3		< 3	< 3	< 3	< 3	< 3	< 3
Sodium	7440-23-5	195	269		98.4	61.6	147	61	90.7	104
Thallium (Soluble Salts)	7440-28-0	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Vanadium	NA	25.1	21.7		13.5	17.8	18	17.1	11.7	17.3
Zinc	7440-66-6	57.8	63		43.1	48.1	44.2	42.1	45.7	42.6
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH10	MVRSS93BH11	MVRSS93BH11	MVRSS93BH11	MVRSS93BH12	MVRSS93BH12	MVRSS93BH13	MVRSS93BH13	MVRSS93BH14
		10/29/1993	10/30/1993	10/30/1993	10/30/1993	12/14/1993	12/14/1993	12/14/1993	12/14/1993	12/16/1993
		BHMVR0009310-10-14	BHMVR0009310-11-04	BHMVR0009310-11-10	BHMVR0009310-11-15	BHMVR0009312-12-03	BHMVR0009312-12-10	BHMVR0009312-13-03	BHMVR0009312-13-13	BHMVR0009312-14-03
Aroclor 1260	11096-82-5	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics		< 10		< 10		< 10	< 10	< 10	< 10	< 10
Fuel Oil		< 10		< 10		< 10	< 10	< 10	< 10	< 10
Gasoline Range Organics		< 10		< 10		< 10	< 10	< 10	< 10	< 10
Jet Fuel		480		< 10		< 10	< 10	< 10	< 10	< 10
Kerosene	8008-20-6			< 10		< 10	< 10	< 10	< 10	< 10
Mineral Spirits	64475-85-0	< 10		< 10		< 10	< 10	< 10	< 10	< 10
Motor Oil		< 10		< 10		< 10	< 10	< 10	< 10	< 10
TPH (Total)				< 10		< 10	< 10	< 10	< 10	< 10

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH14	MVRSS93BH14	MVRSS93BH15	MVRSS93BH15	MVRSS93BH15	MVRSS93BH16	MVRSS93BH16	MVRSS93BH16	MVRSS93TW01
		12/16/1993	12/16/1993	12/17/1993	12/17/1993	12/17/1993	12/18/1993	12/18/1993	12/18/1993	10/22/1993
		BHMVR0009312-14-09	BHMVR0009312-14-11	BHMVR0009312-15-02	BHMVR0009312-15-05	BHMVR0009312-15-13	BHMVR0009312-16-03	BHMVR0009312-16-09	BHMVR0009312-16-12	TWMVR0009310-01-04
VOCs										
Acetone	67-64-1	< 1.2	< 1.2	< 0.01	0.11	< 0.01	0.051	< 1.2	< 1.2	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Bis(2-chloroethyl)ether	111-44-4	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Bromodichloromethane	75-27-4	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Bromoform	75-25-2	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Bromomethane	74-83-9	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Carbon Disulfide	75-15-0	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Carbon Tetrachloride	56-23-5	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Chlorobenzene	108-90-7	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Chloroethane	75-00-3	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Chloromethane	74-87-3	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Chloronaphthalene, Beta-	91-58-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Chlorophenol, 2-	95-57-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
cis-1,3-Dichloropropene	10061-01-5	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Cresol, p-chloro-m-	59-50-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Dibromochloromethane	124-48-1	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.33	< 0.33	< 0.005	< 0.005	< 0.005	< 0.005	< 0.33	< 0.62	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.33	< 0.33	< 0.005	< 0.005	< 0.005	< 0.005		< 0.62	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.33	< 0.33	< 0.005	< 0.005	< 0.005	< 0.005	< 0.33	< 0.62	< 0.005
Dichloroethane, 1,1-	75-34-3	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Dichloroethane, 1,2-	107-06-2	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Dichloroethene, 1,1-	75-35-4	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 1.2	< 1.2	< 0.01	0.13	0.025	< 0.01	< 1.2	< 1.2	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Ethylbenzene	100-41-4	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Hexachlorobutadiene	87-68-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Hexanone, 2-	591-78-6	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Methylene Chloride	75-09-2	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Naphthalene	91-20-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Nitrobenzene	98-95-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Styrene	100-42-5	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Tetrachloroethene	127-18-4	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Toluene	108-88-3	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Trichloroethane, 1,1,1-	71-55-6	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH14	MVRSS93BH14	MVRSS93BH15	MVRSS93BH15	MVRSS93BH15	MVRSS93BH16	MVRSS93BH16	MVRSS93BH16	MVRSS93TW01
		12/16/1993	12/16/1993	12/17/1993	12/17/1993	12/17/1993	12/18/1993	12/18/1993	12/18/1993	10/22/1993
		BHMVR0009312-14-09	BHMVR0009312-14-11	BHMVR0009312-15-02	BHMVR0009312-15-05	BHMVR0009312-15-13	BHMVR0009312-16-03	BHMVR0009312-16-09	BHMVR0009312-16-12	TWMVR0009310-01-04
Trichloroethene	79-01-6	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Trichlorofluoromethane	75-69-4	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.62	< 0.62	< 0.005	< 0.005	< 0.005	< 0.005	< 0.62	< 0.62	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
Xylenes	1330-20-7	< 1.2	< 1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2	< 1.2	< 0.01
SVOCs										
Acenaphthene	83-32-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Acenaphthylene	208-96-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Anthracene	120-12-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Benzo[a]anthracene	56-55-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Benzo[a]pyrene	50-32-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Benzo[b]fluoranthene	205-99-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Benzo[g,h,i]perylene	191-24-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Benzo[k]fluoranthene	207-08-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Benzoic Acid	65-85-0	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 160	< 1.6
Benzyl Alcohol	100-51-6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Bis(2-chloroethoxy)methane	111-91-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Bis(2-ethylhexyl)phthalate	117-81-7	0.49	0.33	0.36	0.89	0.54	< 0.33	< 0.33	< 33	< 0.33
Bromophenyl phenyl ether, 4-	101-55-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Butyl Benzyl Phthlate	85-68-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Chloroaniline, p-	106-47-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Chrysene	218-01-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Cresol, o-	95-48-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Cresol, p-	106-44-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Dibenz[a,h]anthracene	53-70-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Dibenzofuran	132-64-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Dibutyl Phthalate	84-74-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Dichlorobenzidine, 3,3'-	91-94-1	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 66	< 0.66
Dichlorophenol, 2,4-	120-83-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Diethyl Phthalate	84-66-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Dimethyl phthalate	131-11-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Dimethylphenol, 2,4-	105-67-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Dinitro-o-cresol, 4,6-	534-52-1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 160	< 1.6
Dinitrophenol, 2,4-	51-28-5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 160	< 1.6
Dinitrotoluene, 2,4-	121-14-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Dinitrotoluene, 2,6-	606-20-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Di-n-octylphthalate		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Fluoranthene	206-44-0	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Fluorene	86-73-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Hexachlorobenzene	118-74-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Hexachlorocyclopentadiene	77-47-4	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Hexachloroethane	67-72-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH14	MVRSS93BH14	MVRSS93BH15	MVRSS93BH15	MVRSS93BH15	MVRSS93BH16	MVRSS93BH16	MVRSS93BH16	MVRSS93TW01
		12/16/1993	12/16/1993	12/17/1993	12/17/1993	12/17/1993	12/18/1993	12/18/1993	12/18/1993	10/22/1993
		BHMVR0009312-14-09	BHMVR0009312-14-11	BHMVR0009312-15-02	BHMVR0009312-15-05	BHMVR0009312-15-13	BHMVR0009312-16-03	BHMVR0009312-16-09	BHMVR0009312-16-12	TWMVR0009310-01-04
Isophorone	78-59-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Methylnaphthalene, 2-	91-57-6	< 0.33	1.26	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Nitroaniline, 2-	88-74-4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 160	< 1.6
Nitroaniline, 3-	99-09-2	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 160	< 1.6
Nitroaniline, 4-	100-01-6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 160	< 1.6
Nitrophenol, 2-	88-75-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Nitrophenol, 4-	100-02-7	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 160	< 1.6
Nitroso-di-N-propylamine, N-	621-64-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Nitrosodiphenylamine, N-	86-30-6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Pentachlorophenol	87-86-5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 160	< 1.6
Phenanthrene	85-01-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Phenol	108-95-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Pyrene	129-00-0	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Trichlorophenol, 2,4,5-	95-95-4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 160	< 1.6
Trichlorophenol, 2,4,6-	88-06-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 33	< 0.33
Metals and Inorganics										
Aluminum	7429-90-5	8790	9170	12600	8220	12000	18400	13000	14400	9140
Antimony	7440-36-0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Arsenic	7440-38-2	2.74	1.83	2.7	2.11	7.29	4.43	2.77	1.01	4.36
Barium	7440-39-3	119	123	109	154	126	152	171	159	254
Beryllium	7440-41-7	0.5	0.6	0.6	0.6	0.6	0.8	0.7	0.6	0.6
Cadmium	7440-43-9	< 0.2	< 0.2	1	< 0.2	< 0.2	1.6	< 0.2	0.8	< 0.2
Calcium	7440-70-2	3710	3310	4030	5120	3940	3760	4840	3990	6340
Chromium, Total	7440-47-3	10.9	10.8	15	10.2	13.5	19.1	19.2	16	13.4
Cobalt	7440-48-4	6.9	< 5	8.3	5.4	< 5	8	6.8	7	10.3
Copper	7440-50-8	12.9	12.7	12	13.4	12.9	13.5	13.3	14	10.9
Iron	7439-89-6	12300	14000	11400	9320	17100	19100	15400	15700	15000
Lead	7439-92-1	13	< 0.5	22	19	18	28	18	15	13
Magnesium	7439-95-4	1980	2200	2120	1880	2520	1780	2620	2730	1690
Manganese	7439-96-5	382	522	75.8	265	316	2310	665	588	1020
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	16.9	15.5	23.3	16.6	15.9	25.4	16.4	18.2	18
Potassium	7440-09-7	1130	1440	1560	1250	1820	1460	600	1980	1100
Selenium	7782-49-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Silver	7440-22-4	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Sodium	7440-23-5	96.4	113	106	72	80.7	117	89.1	85.8	69.5
Thallium (Soluble Salts)	7440-28-0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vanadium	NA	16.5	15	25	12.6	18	20.2	17.6	16.8	13.9
Zinc	7440-66-6	37.7	43.4	66.8	35.9	48.6	79.8	47.5	52.5	49.7
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93BH14	MVRSS93BH14	MVRSS93BH15	MVRSS93BH15	MVRSS93BH15	MVRSS93BH16	MVRSS93BH16	MVRSS93BH16	MVRSS93TW01
		12/16/1993	12/16/1993	12/17/1993	12/17/1993	12/17/1993	12/18/1993	12/18/1993	12/18/1993	10/22/1993
		BHMVR0009312-14-09	BHMVR0009312-14-11	BHMVR0009312-15-02	BHMVR0009312-15-05	BHMVR0009312-15-13	BHMVR0009312-16-03	BHMVR0009312-16-09	BHMVR0009312-16-12	TWMVR0009310-01-04
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10
Fuel Oil		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10
Gasoline Range Organics				< 10	< 10	< 10	< 10	< 10		< 10
Jet Fuel		1100 (2)	260 (4)	< 10	< 10	< 10	< 10	56	1800	< 10
Kerosene	8008-20-6			< 10	< 10	< 10	< 10	< 10		< 10
Mineral Spirits	64475-85-0			< 10	< 10	< 10	< 10	< 10		< 10
Motor Oil		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10
TPH (Total)				< 10	< 10	< 10	< 10			< 10

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93TW01	MVRSS93TW02	MVRSS93TW02	MVRSS93TW03	MVRSS93TW03	MVRSS94BH17	MVRSS94BH17	MVRSS94BH18	MVRSS94BH18
		10/22/1993	10/24/1993	10/24/1993	12/15/1993	12/15/1993	1/15/1994	1/15/1994	3/14/1994	3/14/1994
		TWMVR0009310-01-10	TWMVR0009310-02-05	TWMVR0009310-02-13	TWMVR0009312-03-02	TWMVR0009312-03-15	BHMVR0009401-17-03	BHMVR0009401-17-15	BHMVR0009403-18-04	BHMVR0009403-18-08
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	0.11	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Bis(2-chloroethyl)ether	111-44-4	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Chloronaphthalene, Beta-	91-58-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chlorophenol, 2-	95-57-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Cresol, p-chloro-m-	59-50-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.33
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.33
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.33
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	0.2	< 0.01	< 0.01	< 0.01	< 1.2
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Hexachlorobutadiene	87-68-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Naphthalene	91-20-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrobenzene	98-95-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.011	< 0.01	< 0.01	< 1.2
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Trichlorobenzene, 1,2,4-	120-82-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93TW01	MVRSS93TW02	MVRSS93TW02	MVRSS93TW03	MVRSS93TW03	MVRSS94BH17	MVRSS94BH17	MVRSS94BH18	MVRSS94BH18
		10/22/1993	10/24/1993	10/24/1993	12/15/1993	12/15/1993	1/15/1994	1/15/1994	3/14/1994	3/14/1994
		TWMVR0009310-01-10	TWMVR0009310-02-05	TWMVR0009310-02-13	TWMVR0009312-03-02	TWMVR0009312-03-15	BHMVR0009401-17-03	BHMVR0009401-17-15	BHMVR0009403-18-04	BHMVR0009403-18-08
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.62
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1.2
SVOCs										
Acenaphthene	83-32-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Acenaphthylene	208-96-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Anthracene	120-12-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[a]anthracene	56-55-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[a]pyrene	50-32-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[b]fluoranthene	205-99-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[g,h,i]perylene	191-24-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzo[k]fluoranthene	207-08-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Benzoic Acid	65-85-0	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Benzyl Alcohol	100-51-6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bis(2-chloroethoxy)methane	111-91-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Bromophenyl phenyl ether, 4-	101-55-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Butyl Benzyl Phthlate	85-68-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chloroaniline, p-	106-47-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Chrysene	218-01-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Cresol, o-	95-48-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Cresol, p-	106-44-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibenz[a,h]anthracene	53-70-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibenzofuran	132-64-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dibutyl Phthalate	84-74-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dichlorobenzidine, 3,3'-	91-94-1	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66
Dichlorophenol, 2,4-	120-83-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Diethyl Phthalate	84-66-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dimethyl phthalate	131-11-3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dimethylphenol, 2,4-	105-67-9	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dinitro-o-cresol, 4,6-	534-52-1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Dinitrophenol, 2,4-	51-28-5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Dinitrotoluene, 2,4-	121-14-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Dinitrotoluene, 2,6-	606-20-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Di-n-octylphthalate		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Fluoranthene	206-44-0	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Fluorene	86-73-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachlorobenzene	118-74-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachlorocyclopentadiene	77-47-4	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Hexachloroethane	67-72-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93TW01	MVRSS93TW02	MVRSS93TW02	MVRSS93TW03	MVRSS93TW03	MVRSS94BH17	MVRSS94BH17	MVRSS94BH18	MVRSS94BH18
		10/22/1993	10/24/1993	10/24/1993	12/15/1993	12/15/1993	1/15/1994	1/15/1994	3/14/1994	3/14/1994
		TWMVR0009310-01-10	TWMVR0009310-02-05	TWMVR0009310-02-13	TWMVR0009312-03-02	TWMVR0009312-03-15	BHMVR0009401-17-03	BHMVR0009401-17-15	BHMVR0009403-18-04	BHMVR0009403-18-08
Isophorone	78-59-1	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Methylnaphthalene, 2-	91-57-6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitroaniline, 2-	88-74-4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroaniline, 3-	99-09-2	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroaniline, 4-	100-01-6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitrophenol, 2-	88-75-5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrophenol, 4-	100-02-7	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Nitroso-di-N-propylamine, N-	621-64-7	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Nitrosodiphenylamine, N-	86-30-6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Pentachlorophenol	87-86-5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Phenanthrene	85-01-8	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Phenol	108-95-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Pyrene	129-00-0	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Trichlorophenol, 2,4,5-	95-95-4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Trichlorophenol, 2,4,6-	88-06-2	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Metals and Inorganics										
Aluminum	7429-90-5	8140	13100	12900	13800	9750	9790	5620	10700	11300
Antimony	7440-36-0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Arsenic	7440-38-2	4.54	2.44	6.1	1.74	6.67	5.78	< 0.5	3.17	1.6
Barium	7440-39-3	95.8	236	207	77.8	225	186	125	176	155
Beryllium	7440-41-7	0.6	0.7	0.9	0.7	0.6	0.6	0.5	0.6	0.6
Cadmium	7440-43-9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Calcium	7440-70-2	4300	8590	4630	9680	3840	4240	3340	11900	4230
Chromium, Total	7440-47-3	12.4	16.8	17.4	20.7	12.8	12	7.6	17.2	14.7
Cobalt	7440-48-4	< 5	9.5	< 5	10.3	7.2	7	5.5	11.4	7.3
Copper	7440-50-8	10.6	12.5	14.3	12.4	12.1	11.5	10.7	15.3	12.5
Iron	7439-89-6	11200	15600	21000	23800	14300	16800	10700	14300	14600
Lead	7439-92-1	26	18	39	15	21	13	< 1	< 0.5	< 0.5
Magnesium	7439-95-4	2170	2140	2610	4810	2150	1950	1540	2470	2500
Manganese	7439-96-5	47	658	177	286	1880	765	191	691	590
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	8.6	17.6	15.7	26.9	12.8	17.2	14.8	21.8	15.9
Potassium	7440-09-7	1090	1230	1630	1320	1410	1050	909	1320	1530
Selenium	7782-49-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Silver	7440-22-4	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Sodium	7440-23-5	63.5	92.5	110	72.9	66.4	94.3	76.9	55.2	< 10
Thallium (Soluble Salts)	7440-28-0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vanadium	NA	8.4	20.7	19.5	15.1	13.6	16.6	10.1	24.8	14.6
Zinc	7440-66-6	53	58.7	63.5	49.9	50	35	31.2	83.2	47.2
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS93TW01	MVRSS93TW02	MVRSS93TW02	MVRSS93TW03	MVRSS93TW03	MVRSS94BH17	MVRSS94BH17	MVRSS94BH18	MVRSS94BH18
		10/22/1993	10/24/1993	10/24/1993	12/15/1993	12/15/1993	1/15/1994	1/15/1994	3/14/1994	3/14/1994
		TWMVR0009310-01-10	TWMVR0009310-02-05	TWMVR0009310-02-13	TWMVR0009312-03-02	TWMVR0009312-03-15	BHMVR0009401-17-03	BHMVR0009401-17-15	BHMVR0009403-18-04	BHMVR0009403-18-08
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Fuel Oil		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Gasoline Range Organics		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Jet Fuel		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	510 (1)
Kerosene	8008-20-6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Mineral Spirits	64475-85-0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Motor Oil		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH (Total)		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS94BH18	MVRSS94BH19	MVRSS94BH20	MVRSS94BH20	MVRSS94BH21	MVRSS94BH21	MVRSS94TW04	MVRSS94TW04	NEA89BH01
		3/14/1994	3/15/1994	3/16/1994	3/16/1994	3/17/1994	3/17/1994	3/17/1994	3/17/1994	8/4/1989
		BHMVR0009403-18-13	BHMVR0009403-19-04	BHMVR0009403-20-04	BHMVR0009403-20-14	BHMVR0009403-21-10	BHMVR0009403-21-14	TWMVR0009403-04-04	TWMVR0009403-04-08	BHNEARC08908-01-04
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Bis(2-chloroethyl)ether	111-44-4	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 1
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 1
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 1
Chloronaphthalene, Beta-	91-58-7	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Chlorophenol, 2-	95-57-8	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Cresol, p-chloro-m-	59-50-7	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	0.023	< 0.005	< 0.005	< 0.005	< 0.005		
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Dichloroethene, 1,2- (Total)	540-59-0	0.14	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Ethylbenzene	100-41-4	< 0.01	< 0.01	0.028	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Hexachlorobutadiene	87-68-3	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	0.035	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Naphthalene	91-20-3	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Nitrobenzene	98-95-3	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Toluene	108-88-3	< 0.01	< 0.01	0.014	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Trichlorobenzene, 1,2,4-	120-82-1	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS94BH18	MVRSS94BH19	MVRSS94BH20	MVRSS94BH20	MVRSS94BH21	MVRSS94BH21	MVRSS94TW04	MVRSS94TW04	NEA89BH01
		3/14/1994	3/15/1994	3/16/1994	3/16/1994	3/17/1994	3/17/1994	3/17/1994	3/17/1994	8/4/1989
		BHMVR0009403-18-13	BHMVR0009403-19-04	BHMVR0009403-20-04	BHMVR0009403-20-14	BHMVR0009403-21-10	BHMVR0009403-21-14	TWMVR0009403-04-04	TWMVR0009403-04-08	BHNEARC08908-01-04
Trichloroethene	79-01-6	0.046	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.5
Vinyl Acetate	108-05-4									< 0.5
Vinyl Chloride	75-01-4	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 1
Xylenes	1330-20-7	< 0.01	< 0.01	0.17	< 0.01	< 0.01	< 0.01	< 0.01		< 0.5
SVOCs										
Acenaphthene	83-32-9	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Acenaphthylene	208-96-8	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Anthracene	120-12-7	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Benzo[a]anthracene	56-55-3	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Benzo[a]pyrene	50-32-8	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Benzo[b]fluoranthene	205-99-2	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Benzo[g,h,i]perylene	191-24-2	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Benzo[k]fluoranthene	207-08-9	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Benzoic Acid	65-85-0	< 1.6	< 1.6	< 16	< 1.6	< 1.6	< 1.6	< 1.6		
Benzyl Alcohol	100-51-6	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Bis(2-chloroethoxy)methane	111-91-1	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
bis(2-Chloroisopropyl)ether	39638-32-9	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Bromophenyl phenyl ether, 4-	101-55-3	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Butyl Benzyl Phthlate	85-68-7	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Chloroaniline, p-	106-47-8	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Chlorophenyl-phenylether, 4-	7005-72-3	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Chrysene	218-01-9	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Cresol, o-	95-48-7	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Cresol, p-	106-44-5	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Dibenz[a,h]anthracene	53-70-3	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Dibenzofuran	132-64-9	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Dibutyl Phthalate	84-74-2	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Dichlorobenzidine, 3,3'-	91-94-1	< 0.66	< 0.66	< 6.6	< 0.66	< 0.66	< 0.66	< 0.66		
Dichlorophenol, 2,4-	120-83-2	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Diethyl Phthalate	84-66-2	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Dimethyl phthalate	131-11-3	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Dimethylphenol, 2,4-	105-67-9	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Dinitro-o-cresol, 4,6-	534-52-1	< 1.6	< 1.6	< 16	< 1.6	< 1.6	< 1.6	< 1.6		
Dinitrophenol, 2,4-	51-28-5	< 1.6	< 1.6	< 16	< 1.6	< 1.6	< 1.6	< 1.6		
Dinitrotoluene, 2,4-	121-14-2	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Dinitrotoluene, 2,6-	606-20-2	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Di-n-octylphthalate		< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Fluoranthene	206-44-0	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	0.37		
Fluorene	86-73-7	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Hexachlorobenzene	118-74-1	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Hexachlorocyclopentadiene	77-47-4	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Hexachloroethane	67-72-1	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS94BH18	MVRSS94BH19	MVRSS94BH20	MVRSS94BH20	MVRSS94BH21	MVRSS94BH21	MVRSS94TW04	MVRSS94TW04	NEA89BH01
		3/14/1994	3/15/1994	3/16/1994	3/16/1994	3/17/1994	3/17/1994	3/17/1994	3/17/1994	8/4/1989
		BHMVR0009403-18-13	BHMVR0009403-19-04	BHMVR0009403-20-04	BHMVR0009403-20-14	BHMVR0009403-21-10	BHMVR0009403-21-14	TWMVR0009403-04-04	TWMVR0009403-04-08	BHNEARC08908-01-04
Isophorone	78-59-1	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Methylnaphthalene, 2-	91-57-6	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Nitroaniline, 2-	88-74-4	< 1.6	< 1.6	< 16	< 1.6	< 1.6	< 1.6	< 1.6		
Nitroaniline, 3-	99-09-2	< 1.6	< 1.6	< 16	< 1.6	< 1.6	< 1.6	< 1.6		
Nitroaniline, 4-	100-01-6	< 1.6	< 1.6	< 16	< 1.6	< 1.6	< 1.6	< 1.6		
Nitrophenol, 2-	88-75-5	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Nitrophenol, 4-	100-02-7	< 1.6	< 1.6	< 16	< 1.6	< 1.6	< 1.6	< 1.6		
Nitroso-di-N-propylamine, N-	621-64-7	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Nitrosodiphenylamine, N-	86-30-6	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Pentachlorophenol	87-86-5	< 1.6	< 1.6	< 16	< 1.6	< 1.6	< 1.6	< 1.6		
Phenanthrene	85-01-8	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Phenol	108-95-2	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Pyrene	129-00-0	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	0.4		
Trichlorophenol, 2,4,5-	95-95-4	< 1.6	< 1.6	< 16	< 1.6	< 1.6	< 1.6	< 1.6		
Trichlorophenol, 2,4,6-	88-06-2	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33		
Metals and Inorganics										
Aluminum	7429-90-5	11500	14200	12100	8090	8830	7910	11600		
Antimony	7440-36-0	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Arsenic	7440-38-2	6.4	4.23	3.95	2.33	2.01	2.7	< 0.5		
Barium	7440-39-3	98	159	189	51.5	120	90.8	109		
Beryllium	7440-41-7	0.6	0.6	0.6	0.5	0.7	0.5	0.7		
Cadmium	7440-43-9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		
Calcium	7440-70-2	3840	10100	3580	3470	4300	4160	27400		
Chromium, Total	7440-47-3	16	19	16	15.4	12.5	11	19.6		
Cobalt	7440-48-4	< 5	8.1	6.9	< 5	6.3	3.4	10.7		
Copper	7440-50-8	14.5	12.5	13.6	11.4	12.3	10.7	18.3		
Iron	7439-89-6	15000	14200	13300	11700	12100	11400	21100		
Lead	7439-92-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	6.6		
Magnesium	7439-95-4	2580	2440	1960	2120	2220	2060	47800		
Manganese	7439-96-5	507	279	399	180	463	108	518		
Mercury	7439-97-6	< 0.5	0.58	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Nickel	7440-02-0	15.9	19	15.7	12	12.9	9.3	25.5		
Potassium	7440-09-7	1730	2040	1660	1350	1170	1110	1500		
Selenium	7782-49-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Silver	7440-22-4	< 3	< 3	< 3	< 3	< 3	< 3	< 3		
Sodium	7440-23-5	< 10	165	< 10	< 10	36.2	< 10	31.5		
Thallium (Soluble Salts)	7440-28-0	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Vanadium	NA	17.8	29.4	24.9	11.8	10.5	12	20.3		
Zinc	7440-66-6	49.1	52.1	42.9	38.8	43.3	38.1	83.1		
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	MVRSS94BH18	MVRSS94BH19	MVRSS94BH20	MVRSS94BH20	MVRSS94BH21	MVRSS94BH21	MVRSS94TW04	MVRSS94TW04	NEA89BH01
		3/14/1994	3/15/1994	3/16/1994	3/16/1994	3/17/1994	3/17/1994	3/17/1994	3/17/1994	8/4/1989
		BHMVR0009403-18-13	BHMVR0009403-19-04	BHMVR0009403-20-04	BHMVR0009403-20-14	BHMVR0009403-21-10	BHMVR0009403-21-14	TWMVR0009403-04-04	TWMVR0009403-04-08	BHNEARC08908-01-04
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Hydrocarbons										
Diesel Range Organics		< 10	14		< 10	< 10	< 10	< 10	< 10	
Fuel Oil		< 10		< 10	< 10	< 10	< 10	< 10	< 10	
Gasoline Range Organics		< 10	< 10		< 10	< 10	< 10	< 10	< 10	
Jet Fuel		< 10	< 10	1200 (5)	< 10	< 10	< 10	< 10	< 10	
Kerosene	8008-20-6	< 10	< 10		< 10	< 10	< 10	< 10	< 10	
Mineral Spirits	64475-85-0	< 10	< 10		< 10	< 10	< 10	< 10	< 10	
Motor Oil		< 10		< 10	< 10	< 10	< 10	< 10	< 10	
TPH (Total)		< 10			< 10	< 10	< 10	< 10	< 10	

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA89BH01	NEA89BH01	NEA89BH02	NEA89BH02	NEA89BH02	NEA91BH01	NEA91BH02	NEA91BH02	NEA91BH03
		8/4/1989	8/4/1989	8/4/1989	8/4/1989	8/4/1989	6/9/1991	6/8/1991	6/8/1991	6/8/1991
		BHNEARC08908-01-06	BHNEARC08908-01-10	BHNEARC08908-02-04	BHNEARC08908-02-07	BHNEARC08908-02-12	BHNEA0009106-01-13	BHNEA0009106-02-08	BHNEA0009106-02-13	BHNEA0009106-03-08
VOCs										
Acetone	67-64-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	0.47	0.09	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	0.036	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 1	< 1	< 1	< 1	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				
Carbon Tetrachloride	56-23-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 1	< 1	< 1	< 1	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	0.25	0.096	< 0.01
Chloromethane	74-87-3	< 1	< 1	< 1	< 1	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	0.013	0.013	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.027	2.2	1.7	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	0.25	0.46	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	0.051	0.018	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	0.079	0.22	< 0.01
Methylene Chloride	75-09-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	3	1.3	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	0.023	0.035	< 0.01
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	0.75	0.53	< 0.01
Toluene	108-88-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	0.31	0.1	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	0.071	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA89BH01	NEA89BH01	NEA89BH02	NEA89BH02	NEA89BH02	NEA91BH01	NEA91BH02	NEA91BH02	NEA91BH03
		8/4/1989	8/4/1989	8/4/1989	8/4/1989	8/4/1989	6/9/1991	6/8/1991	6/8/1991	6/8/1991
		BHNEARC08908-01-06	BHNEARC08908-01-10	BHNEARC08908-02-04	BHNEARC08908-02-07	BHNEARC08908-02-12	BHNEA0009106-01-13	BHNEA0009106-02-08	BHNEA0009106-02-13	BHNEA0009106-03-08
Trichloroethene	79-01-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	4.2	2.7	< 0.01
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				
Vinyl Chloride	75-01-4	< 1	< 1	< 1	< 1	< 1	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	1.4	1.4	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA89BH01	NEA89BH01	NEA89BH02	NEA89BH02	NEA89BH02	NEA91BH01	NEA91BH02	NEA91BH02	NEA91BH03
		8/4/1989	8/4/1989	8/4/1989	8/4/1989	8/4/1989	6/9/1991	6/8/1991	6/8/1991	6/8/1991
		BHNEARC08908-01-06	BHNEARC08908-01-10	BHNEARC08908-02-04	BHNEARC08908-02-07	BHNEARC08908-02-12	BHNEA0009106-01-13	BHNEA0009106-02-08	BHNEA0009106-02-13	BHNEA0009106-03-08
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5						26900	29200	32030	24100
Antimony	7440-36-0						< 3	< 3	< 3	< 3
Arsenic	7440-38-2						15.9	8.1	10	6.3
Barium	7440-39-3						312	200	239	172
Beryllium	7440-41-7						1.03	0.98	0.94	0.78
Cadmium	7440-43-9						9.8	8.4	9.9	8.45
Calcium	7440-70-2						5800	4880	4740	4270
Chromium, Total	7440-47-3						27.2	339	159	24.5
Cobalt	7440-48-4						8.2	6.6	7.4	6.73
Copper	7440-50-8						17.9	19.5	25.9	16.7
Iron	7439-89-6						26400	22900	23500	21100
Lead	7439-92-1						23.8	32.3	31.9	27.1
Magnesium	7439-95-4						4120	3870	4280	3550
Manganese	7439-96-5						540	388	509	521
Mercury	7439-97-6						< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0						21.5	17.7	22.8	20.3
Potassium	7440-09-7						3050	3460	4740	2922
Selenium	7782-49-2						< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4						< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5						114	1670	377	181
Thallium (Soluble Salts)	7440-28-0						< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	NA						52.7	46.1	55.8	37.3
Zinc	7440-66-6						66.6	65.2	71.5	61.6
PCBs and Dioxins										
Aroclor 1016	12674-11-2						< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2						< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5						< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9						< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6						< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1						< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA89BH01	NEA89BH01	NEA89BH02	NEA89BH02	NEA89BH02	NEA91BH01	NEA91BH02	NEA91BH02	NEA91BH03
		8/4/1989	8/4/1989	8/4/1989	8/4/1989	8/4/1989	6/9/1991	6/8/1991	6/8/1991	6/8/1991
		BHNEARC08908-01-06	BHNEARC08908-01-10	BHNEARC08908-02-04	BHNEARC08908-02-07	BHNEARC08908-02-12	BHNEA0009106-01-13	BHNEA0009106-02-08	BHNEA0009106-02-13	BHNEA0009106-03-08
Aroclor 1260	11096-82-5						< 1	4.2	9.8	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)							< 20	3220	2790	< 800

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH03	NEA91BH04	NEA91BH05	NEA91BH05	NEA91BH06	NEA91BH07	NEA91BH07	NEA91BH08	NEA91BH08
		6/8/1991	6/3/1991	6/2/1991	6/2/1991	6/2/1991	5/30/1991	5/30/1991	5/31/1991	5/31/1991
		BHNEA0009106-03-13	BHNEA0009106-04-13	BHNEA0009106-05-08	BHNEA0009106-05-13	BHNEA0009106-06-13	BHNEA0009105-07-07	BHNEA0009105-07-13	BHNEA0009105-08-08	BHNEA0009105-08-13
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 1
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	0.59	< 0.01	< 0.01	< 0.01	0.16	< 1
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Ethylbenzene	100-41-4	< 0.01	0.096	< 0.01	0.015	< 0.01	0.078	< 0.01	< 0.01	< 1
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	0.011	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	0.04	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Toluene	108-88-3	< 0.01	0.015	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH03	NEA91BH04	NEA91BH05	NEA91BH05	NEA91BH06	NEA91BH07	NEA91BH07	NEA91BH08	NEA91BH08
		6/8/1991	6/3/1991	6/2/1991	6/2/1991	6/2/1991	5/30/1991	5/30/1991	5/31/1991	5/31/1991
		BHNEA0009106-03-13	BHNEA0009106-04-13	BHNEA0009106-05-08	BHNEA0009106-05-13	BHNEA0009106-06-13	BHNEA0009105-07-07	BHNEA0009105-07-13	BHNEA0009105-08-08	BHNEA0009105-08-13
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	0.042	< 0.01	< 0.01	< 0.01	0.12	10
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	0.075	< 0.01	< 0.01	< 0.01	< 0.01	< 1
Xylenes	1330-20-7	< 0.01	0.55	< 0.01	0.049	< 0.01	0.183	< 0.01	< 0.01	1.1
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH03	NEA91BH04	NEA91BH05	NEA91BH05	NEA91BH06	NEA91BH07	NEA91BH07	NEA91BH08	NEA91BH08
		6/8/1991	6/3/1991	6/2/1991	6/2/1991	6/2/1991	5/30/1991	5/30/1991	5/31/1991	5/31/1991
		BHNEA0009106-03-13	BHNEA0009106-04-13	BHNEA0009106-05-08	BHNEA0009106-05-13	BHNEA0009106-06-13	BHNEA0009105-07-07	BHNEA0009105-07-13	BHNEA0009105-08-08	BHNEA0009105-08-13
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	35700	32700	35085	24900	38965	27690	36300	35450	32800
Antimony	7440-36-0	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Arsenic	7440-38-2	15.4	11.2	9.64	7.88	3.85	< 2.5	10	5.66	9.81
Barium	7440-39-3	431	309	315	196	293	245	416	278	292
Beryllium	7440-41-7	1.06	0.71	0.88	0.67	1.17	0.92	1.06	0.76	0.92
Cadmium	7440-43-9	13	10	9.99	7.7	11.7	0.36	11.9	9.42	10.1
Calcium	7440-70-2	4470	4970	2519	55.16	4787	4673	4598	10300	4600
Chromium, Total	7440-47-3	36.5	36.1	31.4	26.3	38.8	26.7	35.1	36.1	32
Cobalt	7440-48-4	8.94	8.55	9.54	5.15	7.88	7.17	33.4	7.55	12.3
Copper	7440-50-8	19.7	18.5	16.8	14.5	19.4	18	22.1	17.1	20
Iron	7439-89-6	30850	27000	24650	17700	27320	21450	27700	23000	27300
Lead	7439-92-1	24.8	27.9	25.3	26.3	35.9	22.2	28.8	25.9	27.8
Magnesium	7439-95-4	4560	3960	4070	5940	4737	2867	4820	4470	4530
Manganese	7439-96-5	1050	508	886	529	584	497	1690	566	807
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	26.4	24.3	24.1	17.4	20.9	22.6	33.2	21.8	26.4
Potassium	7440-09-7	5133	5630	4837	4613	5769	3259	5794	6723	4652
Selenium	7782-49-2	0.4	< 0.25	< 0.25	< 0.25	< 0.25	0.39	0.31	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	194	208	117	345	179	154	188	260	173
Thallium (Soluble Salts)	7440-28-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	NA	70.2	58.4	65.4	45.9	71.3	39.5	66.8	66.1	62
Zinc	7440-66-6	75.1	65.1	56.8	50	73	63.5	81.3	70.1	78.5
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH03	NEA91BH04	NEA91BH05	NEA91BH05	NEA91BH06	NEA91BH07	NEA91BH07	NEA91BH08	NEA91BH08
		6/8/1991	6/3/1991	6/2/1991	6/2/1991	6/2/1991	5/30/1991	5/30/1991	5/31/1991	5/31/1991
		BHNEA0009106-03-13	BHNEA0009106-04-13	BHNEA0009106-05-08	BHNEA0009106-05-13	BHNEA0009106-06-13	BHNEA0009105-07-07	BHNEA0009105-07-13	BHNEA0009105-08-08	BHNEA0009105-08-13
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 20	717	< 12.5	6961	< 12.5	16	460	< 12.5	885

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH09	NEA91BH09	NEA91BH10	NEA91BH10	NEA91BH11	NEA91BH11	NEA91BH12	NEA91BH13	NEA91BH13
		5/31/1991	5/31/1991	6/4/1991	6/4/1991	6/9/1991	6/9/1991	6/1/1991	6/5/1991	6/5/1991
		BHNEA0009105-09-08	BHNEA0009105-09-13	BHNEA0009106-10-05	BHNEA0009106-10-13	BHNEA0009106-11-08	BHNEA0009106-11-13	BHNEA0009106-12-08	BHNEA0009106-13-03	BHNEA0009106-13-08
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	0.026	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH09	NEA91BH09	NEA91BH10	NEA91BH10	NEA91BH11	NEA91BH11	NEA91BH12	NEA91BH13	NEA91BH13
		5/31/1991	5/31/1991	6/4/1991	6/4/1991	6/9/1991	6/9/1991	6/1/1991	6/5/1991	6/5/1991
		BHNEA0009105-09-08	BHNEA0009105-09-13	BHNEA0009106-10-05	BHNEA0009106-10-13	BHNEA0009106-11-08	BHNEA0009106-11-13	BHNEA0009106-12-08	BHNEA0009106-13-03	BHNEA0009106-13-08
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	0.018	0.017	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH09	NEA91BH09	NEA91BH10	NEA91BH10	NEA91BH11	NEA91BH11	NEA91BH12	NEA91BH13	NEA91BH13
		5/31/1991	5/31/1991	6/4/1991	6/4/1991	6/9/1991	6/9/1991	6/1/1991	6/5/1991	6/5/1991
		BHNEA0009105-09-08	BHNEA0009105-09-13	BHNEA0009106-10-05	BHNEA0009106-10-13	BHNEA0009106-11-08	BHNEA0009106-11-13	BHNEA0009106-12-08	BHNEA0009106-13-03	BHNEA0009106-13-08
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5		38600	9580	42900	24600	28800	28700	24800	34300
Antimony	7440-36-0		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Arsenic	7440-38-2		< 2.5	< 2.5	5.57	6.11	12.3	< 2.5	6.28	5.44
Barium	7440-39-3		237	181	283	255	257	265	143	170
Beryllium	7440-41-7		1.08	0.4	0.96	0.8	0.98	0.69	0.73	1
Cadmium	7440-43-9		11.5	4.09	11.5	6.63	10.6	9.2	8.1	9.9
Calcium	7440-70-2		3975	5720	4440	4830	4780	5060	2820	3390
Chromium, Total	7440-47-3		39.3	10.9	40.1	25.2	29.2	8.6	23.2	35.4
Cobalt	7440-48-4		4.94	5.76	7.56	4.21	5.52	18.8	7.7	9.7
Copper	7440-50-8		16.1	10	22.5	15.1	21.8	23400	15.3	16.3
Iron	7439-89-6		24900	10150	28700	16700	25450	21	21700	23500
Lead	7439-92-1		21.5	12.8	21.5	29.6	25	3930	30.5	30
Magnesium	7439-95-4		4590	1810	5070	2940	4250	409	3200	4140
Manganese	7439-96-5		455	809	639	683	778	< 0.5	453	767
Mercury	7439-97-6		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	22	< 0.5	< 0.5
Nickel	7440-02-0		20.7	15.4	26.4	15.8	24.6	< 2.5	20.6	25.3
Potassium	7440-09-7		7139	945	6790	4407	4240	4062	< 5	< 5
Selenium	7782-49-2		< 0.25	0.43	< 0.25	0.35	0.34	0.33	< 0.25	< 0.25
Silver	7440-22-4		< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5		249	161	203	191	147	181	93.7	159
Thallium (Soluble Salts)	7440-28-0		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	NA		62.7	10.3	75.9	43	53.4	52.4	38.2	61.9
Zinc	7440-66-6		67.7	39.8	81.1	72.9	72.9	72.3	62.5	67.1
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH09	NEA91BH09	NEA91BH10	NEA91BH10	NEA91BH11	NEA91BH11	NEA91BH12	NEA91BH13	NEA91BH13
		5/31/1991	5/31/1991	6/4/1991	6/4/1991	6/9/1991	6/9/1991	6/1/1991	6/5/1991	6/5/1991
		BHNEA0009105-09-08	BHNEA0009105-09-13	BHNEA0009106-10-05	BHNEA0009106-10-13	BHNEA0009106-11-08	BHNEA0009106-11-13	BHNEA0009106-12-08	BHNEA0009106-13-03	BHNEA0009106-13-08
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		290	298	< 12.5	< 12.5	< 20	34.2	< 12.5	< 12.5	< 12.5

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH13	NEA91BH14	NEA91BH14	NEA91BH14	NEA91BH15	NEA91BH15	NEA91BH16	NEA91BH16	NEA91BH17
		6/5/1991	6/5/1991	6/5/1991	6/5/1991	6/10/1991	6/10/1991	6/10/1991	6/10/1991	6/11/1991
		BHNEA0009106-13-13	BHNEA0009106-14-03	BHNEA0009106-14-08	BHNEA0009106-14-13	BHNEA0009106-15-08	BHNEA0009106-15-13	BHNEA0009106-16-08	BHNEA0009106-16-13	BHNEA0009106-17-08
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.1	< 0.01	0.1	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.024	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.45	0.025	2	0.4
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	0.068	0.3	< 0.01	0.97	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.044	< 0.01	0.034	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.083	< 0.01	0.054	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.031	< 0.01	0.017	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.065	< 0.01	0.032	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH13	NEA91BH14	NEA91BH14	NEA91BH14	NEA91BH15	NEA91BH15	NEA91BH16	NEA91BH16	NEA91BH17
		6/5/1991	6/5/1991	6/5/1991	6/5/1991	6/10/1991	6/10/1991	6/10/1991	6/10/1991	6/11/1991
		BHNEA0009106-13-13	BHNEA0009106-14-03	BHNEA0009106-14-08	BHNEA0009106-14-13	BHNEA0009106-15-08	BHNEA0009106-15-13	BHNEA0009106-16-08	BHNEA0009106-16-13	BHNEA0009106-17-08
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	2.5	0.075	1.9	0.25
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	0.12	1.9	< 0.01	1.9	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH13	NEA91BH14	NEA91BH14	NEA91BH14	NEA91BH15	NEA91BH15	NEA91BH16	NEA91BH16	NEA91BH17
		6/5/1991	6/5/1991	6/5/1991	6/5/1991	6/10/1991	6/10/1991	6/10/1991	6/10/1991	6/11/1991
		BHNEA0009106-13-13	BHNEA0009106-14-03	BHNEA0009106-14-08	BHNEA0009106-14-13	BHNEA0009106-15-08	BHNEA0009106-15-13	BHNEA0009106-16-08	BHNEA0009106-16-13	BHNEA0009106-17-08
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	29400	20900	34600	31700	29500	20700	26100	32800	27900
Antimony	7440-36-0	< 3	< 3	< 3	< 3	< 3	< 3	271	< 3	< 3
Arsenic	7440-38-2	6.17	6.35	8.44	< 2.5	7.38	5.75	7	10.3	7.38
Barium	7440-39-3	214	229	218	186	237	172	0.75	210	220
Beryllium	7440-41-7	0.75	0.65	1.1	0.96	0.88	0.76	9.14	0.8	0.46
Cadmium	7440-43-9	7.5	6.4	11.2	9.3	10.2	6.8	4430	11.2	6.6
Calcium	7440-70-2	3590	2890	3760	3290	4740	3770	27.5	3900	26200
Chromium, Total	7440-47-3	32.1	23.9	33.9	34.9	32.9	22.5	12.8	32.7	34.2
Cobalt	7440-48-4	8.3	8.3	11.9	4.5	13.4	7.44	18.1	4.56	4.04
Copper	7440-50-8	13	12.2	21.1	21.1	19.7	16.5	21900	18.5	16.6
Iron	7439-89-6	18000	15040	27200	24400	23200	20700	18.8	24000	16770
Lead	7439-92-1	28.6	26.5	32.5	29.5	2500	14.4	600	17.7	26.2
Magnesium	7439-95-4	3542	2580	4700	4420	2810	3090	358	4080	3860
Manganese	7439-96-5	510	667	843	136	735	413	< 0.5	531	400
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	30.6	< 0.5	< 0.5
Nickel	7440-02-0	20.6	17.2	27.4	21.5	28.5	20	< 2.5	25.1	20.5
Potassium	7440-09-7	5220	4100	< 5	< 5	3460	2975	3075	< 5	< 5
Selenium	7782-49-2	0.4	0.52	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	173	124	140	141	127	116	134	172	227
Thallium (Soluble Salts)	7440-28-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	NA	52.9	39.7	57.7	613	49.6	30.7	40.8	56.1	51.9
Zinc	7440-66-6	52.8	52.5	77.4	71.9	67.7	58.2	67.8	67.3	62.5
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH13	NEA91BH14	NEA91BH14	NEA91BH14	NEA91BH15	NEA91BH15	NEA91BH16	NEA91BH16	NEA91BH17
		6/5/1991	6/5/1991	6/5/1991	6/5/1991	6/10/1991	6/10/1991	6/10/1991	6/10/1991	6/11/1991
		BHNEA0009106-13-13	BHNEA0009106-14-03	BHNEA0009106-14-08	BHNEA0009106-14-13	BHNEA0009106-15-08	BHNEA0009106-15-13	BHNEA0009106-16-08	BHNEA0009106-16-13	BHNEA0009106-17-08
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 12.5	< 12.5	< 12.5	< 12.5	320	1860	440	2330	< 800

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH17	NEA91BH18	NEA91BH18	NEA91BH18	NEA91BH19	NEA91BH19	NEA91BH19	NEA91BH20	NEA91BH20
		6/11/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/18/1991	7/18/1991
		BHNEA0009106-17-13	BHNEA0009107-18-04	BHNEA0009107-18-09	BHNEA0009107-18-14	BHNEA0009107-19-04	BHNEA0009107-19-09	BHNEA0009107-19-14	BHNEA0009107-20-05	BHNEA0009107-20-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Carbon Disulfide	75-15-0		< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1		< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.5	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1		< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.5	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7		< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.5	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	1.9	< 0.01	0.043	< 0.01	< 0.01	9.5	9.4	< 0.01	0.014
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.5	< 1	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.1	< 1	< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH17	NEA91BH18	NEA91BH18	NEA91BH18	NEA91BH19	NEA91BH19	NEA91BH19	NEA91BH20	NEA91BH20
		6/11/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/18/1991	7/18/1991
		BHNEA0009106-17-13	BHNEA0009107-18-04	BHNEA0009107-18-09	BHNEA0009107-18-14	BHNEA0009107-19-04	BHNEA0009107-19-09	BHNEA0009107-19-14	BHNEA0009107-20-05	BHNEA0009107-20-09
Trichloroethene	79-01-6	0.022	< 0.01	0.072	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4		< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.5	< 0.5	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 0.01	0.019
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	5.3	< 1	< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH17	NEA91BH18	NEA91BH18	NEA91BH18	NEA91BH19	NEA91BH19	NEA91BH19	NEA91BH20	NEA91BH20
		6/11/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/18/1991	7/18/1991
		BHNEA0009106-17-13	BHNEA0009107-18-04	BHNEA0009107-18-09	BHNEA0009107-18-14	BHNEA0009107-19-04	BHNEA0009107-19-09	BHNEA0009107-19-14	BHNEA0009107-20-05	BHNEA0009107-20-09
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	28400	30400	21000	23400	26000	16200	19190	25070	21190
Antimony	7440-36-0	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Arsenic	7440-38-2	7.28	8.19	3.7	9.96	5.43	6.05	< 2.5	7.35	4.75
Barium	7440-39-3	214	238	125	184	165	109	173	205	145
Beryllium	7440-41-7	0.61	0.71	0.68	0.9	0.83	0.65	0.72	0.87	0.78
Cadmium	7440-43-9	9.43	0.27	0.26	< 0.05	0.5	1.23	< 0.05	< 0.05	0.38
Calcium	7440-70-2	8560	2200	5302	3660	14700	27700	4110	8340	5870
Chromium, Total	7440-47-3	32.3	28.3	28.2	23.7	35.1	27.2	20.9	27.5	22.9
Cobalt	7440-48-4	7.09	7.01	6.88	6.99	10.8	8.05	5.3	7.92	4.66
Copper	7440-50-8	20.2	13.6	14.7	15.1	15.9	15.7	10	15.7	14.5
Iron	7439-89-6	21900	29200	13700	24600	18400	1800	16000	20700	16700
Lead	7439-92-1	19.1	25.5	29	24	35.7	33.8	21.4	28.8	26.2
Magnesium	7439-95-4	6000	3020	2470	3190	3460	3460	2390	3450	2970
Manganese	7439-96-5	543	1206	380	317	860	229	267	564	475
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	24.7	21.6	17.1	17.9	25.3	29.3	14.9	19.8	17.4
Potassium	7440-09-7	4170	4460	3310	3330	5000	2470	2450	3750	2800
Selenium	7782-49-2	0.41	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	164	114	195	160	160	182	214	161	135
Thallium (Soluble Salts)	7440-28-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	NA	52.2	49.6	31.8	41	46.9	42.5	31.7	44	34.1
Zinc	7440-66-6	64.2	48.7	53.8	62	63.5	122	48.2	62.5	59.3
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	4	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH17	NEA91BH18	NEA91BH18	NEA91BH18	NEA91BH19	NEA91BH19	NEA91BH19	NEA91BH20	NEA91BH20
		6/11/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/17/1991	7/18/1991	7/18/1991
		BHNEA0009106-17-13	BHNEA0009107-18-04	BHNEA0009107-18-09	BHNEA0009107-18-14	BHNEA0009107-19-04	BHNEA0009107-19-09	BHNEA0009107-19-14	BHNEA0009107-20-05	BHNEA0009107-20-09
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		240	< 20	< 20	< 20	230	1651	75	28	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH20	NEA91BH21	NEA91BH21	NEA91BH21	NEA91BH22	NEA91BH22	NEA91BH23	NEA91BH23	NEA91BH23
		7/18/1991	7/18/1991	7/18/1991	7/18/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991
		BHNEA0009107-20-14	BHNEA0009107-21-05	BHNEA0009107-21-09	BHNEA0009107-21-14	BHNEA0009107-22-06	BHNEA0009107-22-14	BHNEA0009107-23-04	BHNEA0009107-23-09	BHNEA0009107-23-12
VOCs										
Acetone	67-64-1	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01				< 0.01	0.014	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01				< 0.01	0.23	< 0.01	0.054	0.051
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH20	NEA91BH21	NEA91BH21	NEA91BH21	NEA91BH22	NEA91BH22	NEA91BH23	NEA91BH23	NEA91BH23
		7/18/1991	7/18/1991	7/18/1991	7/18/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991
		BHNEA0009107-20-14	BHNEA0009107-21-05	BHNEA0009107-21-09	BHNEA0009107-21-14	BHNEA0009107-22-06	BHNEA0009107-22-14	BHNEA0009107-23-04	BHNEA0009107-23-09	BHNEA0009107-23-12
Trichloroethene	79-01-6	< 0.01				< 0.01	0.033	< 0.01	< 0.01	0.033
Trichlorofluoromethane	75-69-4	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH20	NEA91BH21	NEA91BH21	NEA91BH21	NEA91BH22	NEA91BH22	NEA91BH23	NEA91BH23	NEA91BH23
		7/18/1991	7/18/1991	7/18/1991	7/18/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991
		BHNEA0009107-20-14	BHNEA0009107-21-05	BHNEA0009107-21-09	BHNEA0009107-21-14	BHNEA0009107-22-06	BHNEA0009107-22-14	BHNEA0009107-23-04	BHNEA0009107-23-09	BHNEA0009107-23-12
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	19800	24600	29000	19200	26630	24740	23060	28530	31180
Antimony	7440-36-0	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Arsenic	7440-38-2	3.45	4.2	4.65	5.4	3.55	< 2.5	< 2.5	< 2.5	5.5
Barium	7440-39-3	167	168	211	137	189	176	3.87	223	200
Beryllium	7440-41-7	0.7	0.78	0.85	0.73	0.55	0.85	0.75	0.9	0.9
Cadmium	7440-43-9	< 0.05	0.2	0.12	0.42	0.3	< 0.05	0.55	0.55	< 0.05
Calcium	7440-70-2	2650	14900	3690	3190	7120	3420	3970	4360	4180
Chromium, Total	7440-47-3	21.7	29	28.1	19.7	27.5	34.6	24.1	27.3	163
Cobalt	7440-48-4	5.14	7.15	6.5	3.28	4.9	3.35	4.6	4.5	6.9
Copper	7440-50-8	125	13.7	17.4	11.9	13.3	13.5	12.9	16.2	16.4
Iron	7439-89-6	15000	17700	19300	19100	16120	19300	17740	21370	21520
Lead	7439-92-1	18.5	26.5	21	20.6	30.2	25.3	21.7	27.2	28.1
Magnesium	7439-95-4	2270	3160	3150	2730	2970	2750	3043	3650	3890
Manganese	7439-96-5	334	617	531	274	349	151	448	420	309
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	10.9	20.9	17.1	16.6	15	14	17	18.3	28.7
Potassium	7440-09-7	2730	4020	4230	2390	5220	6420	3320	3410	4330
Selenium	7782-49-2	0.29	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	84.4	121	125	77.5	208	245	158	112	126
Thallium (Soluble Salts)	7440-28-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	NA	34.7	43.7	40.9	28.9	44	48.3	32.5	43.9	45.2
Zinc	7440-66-6	51.8	57.1	58.1	52.3	50.3	61	51.6	65.1	66.5
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH20	NEA91BH21	NEA91BH21	NEA91BH21	NEA91BH22	NEA91BH22	NEA91BH23	NEA91BH23	NEA91BH23
		7/18/1991	7/18/1991	7/18/1991	7/18/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991	7/19/1991
		BHNEA0009107-20-14	BHNEA0009107-21-05	BHNEA0009107-21-09	BHNEA0009107-21-14	BHNEA0009107-22-06	BHNEA0009107-22-14	BHNEA0009107-23-04	BHNEA0009107-23-09	BHNEA0009107-23-12
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	225

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH24	NEA91BH24	NEA91BH25	NEA91BH25	NEA91BH26	NEA91BH26	NEA91BH26	NEA91BH27	NEA91BH27
		7/19/1991	7/19/1991	7/20/1991	7/20/1991	8/15/1991	8/15/1991	8/15/1991	8/17/1991	8/17/1991
		BHNEA0009107-24-08	BHNEA0009107-24-14	BHNEA0009107-25-08	BHNEA0009107-25-13	BHNEA0009108-26-04	BHNEA0009108-26-09	BHNEA0009108-26-14	BHNEA0009108-27-02	BHNEA0009108-27-08
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	0.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	0.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	3.5	< 0.01	< 0.01	< 0.01	< 0.01	0.04
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	0.44	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	0.012	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	0.028	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	0.011	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH24	NEA91BH24	NEA91BH25	NEA91BH25	NEA91BH26	NEA91BH26	NEA91BH26	NEA91BH27	NEA91BH27
		7/19/1991	7/19/1991	7/20/1991	7/20/1991	8/15/1991	8/15/1991	8/15/1991	8/17/1991	8/17/1991
		BHNEA0009107-24-08	BHNEA0009107-24-14	BHNEA0009107-25-08	BHNEA0009107-25-13	BHNEA0009108-26-04	BHNEA0009108-26-09	BHNEA0009108-26-14	BHNEA0009108-27-02	BHNEA0009108-27-08
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	0.3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	0.024	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	2.8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH24	NEA91BH24	NEA91BH25	NEA91BH25	NEA91BH26	NEA91BH26	NEA91BH26	NEA91BH27	NEA91BH27
		7/19/1991	7/19/1991	7/20/1991	7/20/1991	8/15/1991	8/15/1991	8/15/1991	8/17/1991	8/17/1991
		BHNEA0009107-24-08	BHNEA0009107-24-14	BHNEA0009107-25-08	BHNEA0009107-25-13	BHNEA0009108-26-04	BHNEA0009108-26-09	BHNEA0009108-26-14	BHNEA0009108-27-02	BHNEA0009108-27-08
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	25290	31460	34540	26010	16670	27177	14755	17940	16970
Antimony	7440-36-0	< 3	< 3	< 3	< 3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	< 2.5	3.6	8	< 2.5	55	< 0.3	26	< 0.3	< 0.3
Barium	7440-39-3	230	229	211	154	107	176	131	148	154
Beryllium	7440-41-7	0.56	0.6	1	0.91	0.57	0.93	0.63	0.72	0.73
Cadmium	7440-43-9	< 0.05	< 0.05	< 0.05	< 0.05	0.23	< 0.05	0.495	0.73	0.41
Calcium	7440-70-2	3800	4014	7540	3077	2520	2971	2855	3630	2780
Chromium, Total	7440-47-3	25.8	30.5	35.6	25	19.1	29.6	18	22.4	21.9
Cobalt	7440-48-4	5.63	3.71	8.59	3.08	6.16	7.44	7.54	7.94	8.78
Copper	7440-50-8	13.5	15.4	17.2	17.5	11	14.4	15.3	13.9	12.1
Iron	7439-89-6	16520	17030	24460	20700	15801	20521	15686	18660	14900
Lead	7439-92-1	26	24.3	34	22.8	16	15.1	13.5	16.5	14.5
Magnesium	7439-95-4	2890	3390	4150	3390	1852	2248	1830	2250	2043
Manganese	7439-96-5	271	330	569	324	474	608	492	619	370
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	16.6	14.2	25.7	15.4	14.5	21.6	11.4	22.7	23.9
Potassium	7440-09-7	3930	5830	6450	3990	< 5	< 5	< 5	1560	1775
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	136	195	311	219	81.9	101	67.1	575	123
Thallium (Soluble Salts)	7440-28-0	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 2.5	< 2.5	< 5	< 5
Vanadium	NA	43.2	50.6	47.3	37.7	18.4	27.9	11	20	13.1
Zinc	7440-66-6	49	51.9	73.8	53.4	37	43.7	44.7	51.1	40.4
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH24	NEA91BH24	NEA91BH25	NEA91BH25	NEA91BH26	NEA91BH26	NEA91BH26	NEA91BH27	NEA91BH27
		7/19/1991	7/19/1991	7/20/1991	7/20/1991	8/15/1991	8/15/1991	8/15/1991	8/17/1991	8/17/1991
		BHNEA0009107-24-08	BHNEA0009107-24-14	BHNEA0009107-25-08	BHNEA0009107-25-13	BHNEA0009108-26-04	BHNEA0009108-26-09	BHNEA0009108-26-14	BHNEA0009108-27-02	BHNEA0009108-27-08
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 20	< 20	< 20	1900	< 20	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH27	NEA91BH28	NEA91BH28	NEA91BH29	NEA91BH29	NEA91BH29	NEA91BH30	NEA91BH30	NEA91BH30
		8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		BHNEA0009108-27-13	BHNEA0009108-28-05	BHNEA0009108-28-10	BHNEA0009108-29-04	BHNEA0009108-29-09	BHNEA0009108-29-14	BHNEA0009108-30-03	BHNEA0009108-30-07	BHNEA0009108-30-14
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	0.096	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	1.1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.015	< 0.01	0.09
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	0.029	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH27	NEA91BH28	NEA91BH28	NEA91BH29	NEA91BH29	NEA91BH29	NEA91BH30	NEA91BH30	NEA91BH30
		8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		BHNEA0009108-27-13	BHNEA0009108-28-05	BHNEA0009108-28-10	BHNEA0009108-29-04	BHNEA0009108-29-09	BHNEA0009108-29-14	BHNEA0009108-30-03	BHNEA0009108-30-07	BHNEA0009108-30-14
Trichloroethene	79-01-6	1.9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.011	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	0.62	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH27	NEA91BH28	NEA91BH28	NEA91BH29	NEA91BH29	NEA91BH29	NEA91BH30	NEA91BH30	NEA91BH30
		8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		BHNEA0009108-27-13	BHNEA0009108-28-05	BHNEA0009108-28-10	BHNEA0009108-29-04	BHNEA0009108-29-09	BHNEA0009108-29-14	BHNEA0009108-30-03	BHNEA0009108-30-07	BHNEA0009108-30-14
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	15780	18995	15010	23300	20140	16000	14410	10740	13240
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	< 0.3	6.3	4.52	3.2	1.95	3.6	1.75	1.64	3.35
Barium	7440-39-3	160	167	158	167	110	0.186	124	126	185
Beryllium	7440-41-7	0.53	0.7	0.65	0.76	0.775	0.655	0.54	0.52	0.585
Cadmium	7440-43-9	0.34	1.86	0.34	< 0.05	0.4	< 0.05	0.16	0.145	< 0.05
Calcium	7440-70-2	3270	13950	3770	3270	3128	2820	5780	3930	3790
Chromium, Total	7440-47-3	18.5	41.1	19.3	23.3	19.7	16.3	14.9	11.2	13.4
Cobalt	7440-48-4	5.75	7.55	5.05	7.44	11.7	8.29	6.06	4.17	8.96
Copper	7440-50-8	13.3	37.3	13.4	16.9	18.1	14.4	12	7.52	14.6
Iron	7439-89-6	13400	16250	17800	20500	18744	17703	15380	10020	17200
Lead	7439-92-1	14.5	27	13.5	41.5	23	16.5	16.5	16.5	22
Magnesium	7439-95-4	2440	2440	2160	2630	2680	1291	1120	1910	2180
Manganese	7439-96-5	463	491	344	676	838	2250	1760	251	628
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	17.7	24.9	18.9	17.8	22.8	17.9	16	10.9	16.3
Potassium	7440-09-7	1635	2390	1500	2870	2200	2000	1560	840	1570
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	97.9	154	148	130	112	93.1	149	95.6	104
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	11.3	34.2	21.5	32.9	23.4	21.4	16.6	10.4	19.5
Zinc	7440-66-6	52.8	80.8	49.1	84.9	53.1	46.9	37.3	31.5	44.6
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH27	NEA91BH28	NEA91BH28	NEA91BH29	NEA91BH29	NEA91BH29	NEA91BH30	NEA91BH30	NEA91BH30
		8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991	8/17/1991
		BHNEA0009108-27-13	BHNEA0009108-28-05	BHNEA0009108-28-10	BHNEA0009108-29-04	BHNEA0009108-29-09	BHNEA0009108-29-14	BHNEA0009108-30-03	BHNEA0009108-30-07	BHNEA0009108-30-14
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		780	< 20	< 20	< 20	< 20	< 20	37	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH31	NEA91BH31	NEA91BH31	NEA91BH32	NEA91BH32	NEA91BH32	NEA91BH33	NEA91BH33	NEA91BH33
		8/20/1991	8/20/1991	8/20/1991	8/22/1991	8/22/1991	8/22/1991	9/30/1991	9/30/1991	9/30/1991
		BHNEA0009108-31-04	BHNEA0009108-31-09	BHNEA0009108-31-14	BHNEA0009108-32-04	BHNEA0009108-32-08	BHNEA0009108-32-13	BHNEA0009109-33-05	BHNEA0009109-33-09	BHNEA0009109-33-14
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Chlorobenzene	108-90-7	< 0.01	< 0.01	0.028	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 5	< 5
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 5	< 5
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 5	< 5
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	21	22
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Ethylbenzene	100-41-4	< 0.01	< 0.01	0.36	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Toluene	108-88-3	< 0.01	< 0.01	0.014	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH31	NEA91BH31	NEA91BH31	NEA91BH32	NEA91BH32	NEA91BH32	NEA91BH33	NEA91BH33	NEA91BH33
		8/20/1991	8/20/1991	8/20/1991	8/22/1991	8/22/1991	8/22/1991	9/30/1991	9/30/1991	9/30/1991
		BHNEA0009108-31-04	BHNEA0009108-31-09	BHNEA0009108-31-14	BHNEA0009108-32-04	BHNEA0009108-32-08	BHNEA0009108-32-13	BHNEA0009109-33-05	BHNEA0009109-33-09	BHNEA0009109-33-14
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
Xylenes	1330-20-7	< 0.01	< 0.01	1.9	< 0.01	< 0.01	< 0.01	< 0.01	< 10	< 10
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH31	NEA91BH31	NEA91BH31	NEA91BH32	NEA91BH32	NEA91BH32	NEA91BH33	NEA91BH33	NEA91BH33
		8/20/1991	8/20/1991	8/20/1991	8/22/1991	8/22/1991	8/22/1991	9/30/1991	9/30/1991	9/30/1991
		BHNEA0009108-31-04	BHNEA0009108-31-09	BHNEA0009108-31-14	BHNEA0009108-32-04	BHNEA0009108-32-08	BHNEA0009108-32-13	BHNEA0009109-33-05	BHNEA0009109-33-09	BHNEA0009109-33-14
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	11260	7050	9130	12800	13400	10500	21300	20800	17700
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	1.04	1.18	3.24	1.75	1.4	1.35	2.7	5.59	8.64
Barium	7440-39-3	106	63.1	83	13.8	124	110	177	160	180
Beryllium	7440-41-7	0.42	0.35	0.5	0.5	0.6	0.5	0.721	0.697	0.834
Cadmium	7440-43-9	1.14	0.79	3.1	< 0.05	< 0.05	< 0.05	< 0.05	0.545	< 0.05
Calcium	7440-70-2	10230	104400	36500	3440	3250	2800	8960	30100	3690
Chromium, Total	7440-47-3	11.8	13.3	17.7	15.2	15.4	12.2	22.4	24	18.9
Cobalt	7440-48-4	4.14	4.07	5.35	5.65	7.42	4.9	5.06	4.43	6.63
Copper	7440-50-8	10.5	12.5	16.7	15.9	14	13.4	14.9	12.3	15.6
Iron	7439-89-6	11670	12000	10300	14600	17700	12700	17700	13000	21000
Lead	7439-92-1	23	38.5	30	20.5	18.5	14.5	17	22.5	20.5
Magnesium	7439-95-4	1650	5090	2260	1710	2440	2060	2790	2520	2660
Manganese	7439-96-5	441	402	157	596	705	564	234	403	643
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	12.2	19.9	27.5	18.4	19.1	16	16	13.9	21.2
Potassium	7440-09-7	1590	1620	1465	1465	1570	1315	2770	3040	2070
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	199	328	79.6	87	80.7	75.2	115	121	76.3
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	12.5	10.6	23.2	17.1	20	10.2	35.8	41.8	29.9
Zinc	7440-66-6	31.6	126	146	66.1	50.9	42	52.2	53	62.7
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH31	NEA91BH31	NEA91BH31	NEA91BH32	NEA91BH32	NEA91BH32	NEA91BH33	NEA91BH33	NEA91BH33
		8/20/1991	8/20/1991	8/20/1991	8/22/1991	8/22/1991	8/22/1991	9/30/1991	9/30/1991	9/30/1991
		BHNEA0009108-31-04	BHNEA0009108-31-09	BHNEA0009108-31-14	BHNEA0009108-32-04	BHNEA0009108-32-08	BHNEA0009108-32-13	BHNEA0009109-33-05	BHNEA0009109-33-09	BHNEA0009109-33-14
Aroclor 1260	11096-82-5	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 20	< 20	1400	28	< 20	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH34	NEA91BH34	NEA91BH34	NEA91BH35	NEA91BH35	NEA91BH35	NEA91BH36	NEA91BH36	NEA91BH37
		10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/2/1991	10/2/1991	10/2/1991
		BHNEA0009110-34-03	BHNEA0009110-34-07	BHNEA0009110-34-12	BHNEA0009110-35-03	BHNEA0009110-35-09	BHNEA0009110-35-14	BHNEA0009110-36-06	BHNEA0009110-36-10	BHNEA0009110-37-04
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Bromoform	75-25-2	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Bromomethane	74-83-9	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Carbon Disulfide	75-15-0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Carbon Tetrachloride	56-23-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chlorobenzene	108-90-7	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloroethane	75-00-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloromethane	74-87-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dichlorobenzene, 1,2-	95-50-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichlorobenzene, 1,3-	541-73-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichlorobenzene, 1,4-	106-46-7	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloroethane, 1,1-	75-34-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dichloroethane, 1,2-	107-06-2	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dichloroethene, 1,1-	75-35-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dichloroethene, 1,2- (Total)	540-59-0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dichloropropene, trans-1,3-	10061-02-6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Ethylbenzene	100-41-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Methylene Chloride	75-09-2	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethane, 1,1,2,2-	79-34-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene	127-18-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Toluene	108-88-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Trichloroethane, 1,1,2-	79-00-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH34	NEA91BH34	NEA91BH34	NEA91BH35	NEA91BH35	NEA91BH35	NEA91BH36	NEA91BH36	NEA91BH37
		10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/2/1991	10/2/1991	10/2/1991
		BHNEA0009110-34-03	BHNEA0009110-34-07	BHNEA0009110-34-12	BHNEA0009110-35-03	BHNEA0009110-35-09	BHNEA0009110-35-14	BHNEA0009110-36-06	BHNEA0009110-36-10	BHNEA0009110-37-04
Trichloroethene	79-01-6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Trichlorofluoromethane	75-69-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Xylenes	1330-20-7	< 10	< 10	16	< 10	< 10	< 10	< 10	< 10	< 10
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH34	NEA91BH34	NEA91BH34	NEA91BH35	NEA91BH35	NEA91BH35	NEA91BH36	NEA91BH36	NEA91BH37
		10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/2/1991	10/2/1991	10/2/1991
		BHNEA0009110-34-03	BHNEA0009110-34-07	BHNEA0009110-34-12	BHNEA0009110-35-03	BHNEA0009110-35-09	BHNEA0009110-35-14	BHNEA0009110-36-06	BHNEA0009110-36-10	BHNEA0009110-37-04
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	19200	24800	26800	25500	28000	22400	24000	27100	33200
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	7.03	1.31	7.95	1.6	2.4	0.605	2.33	3.74	3.28
Barium	7440-39-3	133	130	161	130	165	129	173	157	105
Beryllium	7440-41-7	0.468	0.779	0.791	0.818	0.946	0.73	0.686	0.932	1.19
Cadmium	7440-43-9	0.693	0.45	2.53	0.839	< 0.05	0.233	0.138	1.36	< 0.05
Calcium	7440-70-2	24100	19800	17500	3000	3420	2780	10600	8100	17000
Chromium, Total	7440-47-3	23.8	32.9	67.2	28.4	29.1	23.4	26.3	39.1	43.4
Cobalt	7440-48-4	7.59	6.53	5.69	6.33	7.14	4.75	4.44	7.75	13.2
Copper	7440-50-8	13.5	12.8	17.5	15.2	15.4	13.7	19.8	27.9	26.3
Iron	7439-89-6	15700	15000	13200	19300	24600	15700	15700	21500	33600
Lead	7439-92-1	21	18.5	31.5	21	20.5	16	19.5	24.5	16
Magnesium	7439-95-4	2590	3880	3330	2520	3290	3100	2640	3680	8590
Manganese	7439-96-5	1770	222	157	289	523	273	217	213	558
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	17.1	22.3	30.2	20.4	17.4	14.6	14.5	32.8	38.1
Potassium	7440-09-7	2640	4430	7650	3670	3740	3160	4690	4690	6760
Selenium	7782-49-2	< 0.25	< 0.25	0.606	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	680	405	327	537	444	371	293	257	282
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	0.7	< 5	0.6	< 5	< 5	0.51	< 5
Vanadium	NA	36.5	49.4	69.8	41.8	51.7	41.2	44.1	61.5	48.4
Zinc	7440-66-6	45.4	70.8	183	51.7	59.7	53.3	56.9	145	76.3
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH34	NEA91BH34	NEA91BH34	NEA91BH35	NEA91BH35	NEA91BH35	NEA91BH36	NEA91BH36	NEA91BH37
		10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/1/1991	10/2/1991	10/2/1991	10/2/1991
		BHNEA0009110-34-03	BHNEA0009110-34-07	BHNEA0009110-34-12	BHNEA0009110-35-03	BHNEA0009110-35-09	BHNEA0009110-35-14	BHNEA0009110-36-06	BHNEA0009110-36-10	BHNEA0009110-37-04
Aroclor 1260	11096-82-5	1.9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		75	3200	47	< 20	< 20	< 20	1700	23	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH37	NEA91BH37	NEA91BH38	NEA91BH38	NEA91BH38	NEA91BH39	NEA91BH39	NEA91BH39	NEA91BH51
		10/2/1991	10/2/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	6/8/1991
		BHNEA0009110-37-09	BHNEA0009110-37-14	BHNEA0009110-38-03	BHNEA0009110-38-09	BHNEA0009110-38-14	BHNEA0009110-39-04	BHNEA0009110-39-09	BHNEA0009110-39-12	BHNEA0009106-51-09
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Bromoform	75-25-2	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Bromomethane	74-83-9	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Carbon Disulfide	75-15-0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Carbon Tetrachloride	56-23-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Chlorobenzene	108-90-7	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Chloroethane	75-00-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Chloromethane	74-87-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Dichlorobenzene, 1,3-	541-73-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Dichlorobenzene, 1,4-	106-46-7	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Dichloroethane, 1,1-	75-34-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Dichloroethane, 1,2-	107-06-2	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Dichloroethene, 1,1-	75-35-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Ethylbenzene	100-41-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 10	16	< 10	< 10	< 10	< 10	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Methylene Chloride	75-09-2	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Tetrachloroethene	127-18-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Toluene	108-88-3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH37	NEA91BH37	NEA91BH38	NEA91BH38	NEA91BH38	NEA91BH39	NEA91BH39	NEA91BH39	NEA91BH51
		10/2/1991	10/2/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	6/8/1991
		BHNEA0009110-37-09	BHNEA0009110-37-14	BHNEA0009110-38-03	BHNEA0009110-38-09	BHNEA0009110-38-14	BHNEA0009110-39-04	BHNEA0009110-39-09	BHNEA0009110-39-12	BHNEA0009106-51-09
Trichloroethene	79-01-6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Trichlorofluoromethane	75-69-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
Xylenes	1330-20-7	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH37	NEA91BH37	NEA91BH38	NEA91BH38	NEA91BH38	NEA91BH39	NEA91BH39	NEA91BH39	NEA91BH51
		10/2/1991	10/2/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	6/8/1991
		BHNEA0009110-37-09	BHNEA0009110-37-14	BHNEA0009110-38-03	BHNEA0009110-38-09	BHNEA0009110-38-14	BHNEA0009110-39-04	BHNEA0009110-39-09	BHNEA0009110-39-12	BHNEA0009106-51-09
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	25900	27000	31100	22700	28600	29900	24800	22700	30900
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3
Arsenic	7440-38-2	3.63	6.26	5.69	2.77	0.3	0.59	1.16	0.365	5.25
Barium	7440-39-3	141	113	188	207	172	150	162	155	215
Beryllium	7440-41-7	0.908	0.879	1.03	0.733	0.802	0.858	0.848	0.736	0.91
Cadmium	7440-43-9	0.465	0.859	0.457	0.389	0.673	0.411	< 0.05	0.393	9.25
Calcium	7440-70-2	21100	11100	20500	13600	3250	54500	3880	3330	4400
Chromium, Total	7440-47-3	31.9	42.5	43.4	26.9	27.5	36.1	26.8	20.8	30.8
Cobalt	7440-48-4	6.64	9.6	6.9	4.96	6.14	6.57	16.8	5.01	4.87
Copper	7440-50-8	21	18.3	22.5	14.6	15.2	24	18.2	16	22.5
Iron	7439-89-6	20400	19100	22300	15600	20700	17400	20900	19300	20100
Lead	7439-92-1	17.5	20	25.5	22.5	21	32	18.5	18	28.1
Magnesium	7439-95-4	4680	4920	4390	2810	3430	4730	3550	2930	3730
Manganese	7439-96-5	543	230	381	380	495	372	1030	322	532
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	24.3	32.4	30.9	16.3	18.3	22.4	25.1	19.2	19.2
Potassium	7440-09-7	5190	6240	6390	3900	4930	7320	3620	3440	< 5
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	0.5	< 0.25	< 0.25	0.27	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	190	252	405	153	156	329	236	208	137
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 0.5
Vanadium	NA	42	53.9	58.2	46.1	49.9	59.1	36.6	40	52
Zinc	7440-66-6	61.9	88.2	89	60.5	55.5	92.7	60.1	53.8	64.1
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH37	NEA91BH37	NEA91BH38	NEA91BH38	NEA91BH38	NEA91BH39	NEA91BH39	NEA91BH39	NEA91BH51
		10/2/1991	10/2/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	10/3/1991	6/8/1991
		BHNEA0009110-37-09	BHNEA0009110-37-14	BHNEA0009110-38-03	BHNEA0009110-38-09	BHNEA0009110-38-14	BHNEA0009110-39-04	BHNEA0009110-39-09	BHNEA0009110-39-12	BHNEA0009106-51-09
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
TPH (Total)		< 20	< 20	< 20	34	< 20	< 20	125	250	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH52	NEA91BH53	NEA91BH54	NEA91BH55	NEA91TW04	NEA92BH40	NEA92BH40	NEA92BH41	NEA92BH42
		6/8/1991	6/9/1991	6/9/1991	6/9/1991	11/5/1991	7/29/1992	7/29/1992	7/29/1992	7/30/1992
		BHNEA0009106-52-09	BHNEA0009106-53-09	BHNEA0009106-54-12	BHNEA0009106-55-12	TWNEA0009111-04-13	BHNEA0009207-40-09	BHNEA0009207-40-14	BHNEA0009207-41-09	BHNEA0009207-42-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1					< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1					< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7					< 0.005	< 0.005	< 0.005	< 0.005	0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	0.065	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	0.45	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	0.038	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH52	NEA91BH53	NEA91BH54	NEA91BH55	NEA91TW04	NEA92BH40	NEA92BH40	NEA92BH41	NEA92BH42
		6/8/1991	6/9/1991	6/9/1991	6/9/1991	11/5/1991	7/29/1992	7/29/1992	7/29/1992	7/30/1992
		BHNEA0009106-52-09	BHNEA0009106-53-09	BHNEA0009106-54-12	BHNEA0009106-55-12	TWNEA0009111-04-13	BHNEA0009207-40-09	BHNEA0009207-40-14	BHNEA0009207-41-09	BHNEA0009207-42-09
Trichloroethene	79-01-6	0.17	< 0.01	0.017	0.043	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH52	NEA91BH53	NEA91BH54	NEA91BH55	NEA91TW04	NEA92BH40	NEA92BH40	NEA92BH41	NEA92BH42
		6/8/1991	6/9/1991	6/9/1991	6/9/1991	11/5/1991	7/29/1992	7/29/1992	7/29/1992	7/30/1992
		BHNEA0009106-52-09	BHNEA0009106-53-09	BHNEA0009106-54-12	BHNEA0009106-55-12	TWNEA0009111-04-13	BHNEA0009207-40-09	BHNEA0009207-40-14	BHNEA0009207-41-09	BHNEA0009207-42-09
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	28600	26900	26700	26200		12100	25300	28800	20400
Antimony	7440-36-0	< 3	< 3	< 3	< 3		< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	6.4	6.88	5.81	7.56	6.8	9.79	7.83	10.1	6.3
Barium	7440-39-3	206	225	214	206	28	191	194	232	201
Beryllium	7440-41-7	0.89	0.85	0.83	0.9		0.75	0.8	0.85	0.75
Cadmium	7440-43-9	8.57	8.32	8.25	9.1	0.25	0.2	0.75	< 0.05	< 0.05
Calcium	7440-70-2	4220	4520	3820	4200		2440	11400	2850	4490
Chromium, Total	7440-47-3	29.7	28.2	25.5	26.3	36.2	22.4	27.1	27.1	20.7
Cobalt	7440-48-4	6.19	5.9	10.3	9.05		8.25	7.1	7.05	9.65
Copper	7440-50-8	14.9	16.6	15.7	18.5		13.2	15.1	14.8	15.6
Iron	7439-89-6	20720	20500	20200	22400		13400	18100	18200	18200
Lead	7439-92-1	26.8	20.6	16.3	21.2	28	23	26	22.5	16.5
Magnesium	7439-95-4	3610	3302	3490	3900		3020	2710	3300	2560
Manganese	7439-96-5	527	539	750	484		345	747	523	487
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	19.6	19.3	20	23.8		19.9	21.5	21.6	17
Potassium	7440-09-7	< 5	3740	< 5	< 5		1970	3130	2560	1990
Selenium	7782-49-2	< 0.25	0.34	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	142	130	123	114		112	115	110	94.7
Thallium (Soluble Salts)	7440-28-0	< 0.5	< 0.5	< 0.5	< 0.5		< 5	< 5	< 5	< 5
Vanadium	NA	47.9	46.8	45.9	44.3		39.9	42.4	40	30.5
Zinc	7440-66-6	59.6	57.4	54.8	65.8		51.6	59.4	51.4	47.6
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA91BH52	NEA91BH53	NEA91BH54	NEA91BH55	NEA91TW04	NEA92BH40	NEA92BH40	NEA92BH41	NEA92BH42
		6/8/1991	6/9/1991	6/9/1991	6/9/1991	11/5/1991	7/29/1992	7/29/1992	7/29/1992	7/30/1992
		BHNEA0009106-52-09	BHNEA0009106-53-09	BHNEA0009106-54-12	BHNEA0009106-55-12	TWNEA0009111-04-13	BHNEA0009207-40-09	BHNEA0009207-40-14	BHNEA0009207-41-09	BHNEA0009207-42-09
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics							< 20	< 20	< 20	< 20
Fuel Oil							< 20	< 20	< 20	< 20
Gasoline Range Organics							< 20	< 20	< 20	< 20
Jet Fuel							< 20	< 20	< 20	< 20
Kerosene	8008-20-6						< 20	< 20	< 20	< 20
Mineral Spirits	64475-85-0						< 20	< 20	< 20	< 20
Motor Oil							< 20	< 20	< 20	< 20
TPH (Total)		< 20	< 20	< 20	2920	< 20	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA92BH42	NEAIRS95BH01	NEAIRS95BH01	NEAIRS95BH01	NEAIRS95BH02	NEAIRS95BH02	NEAIRS95BH02	NEAIRS95BH03	NEAIRS95BH03
		7/30/1992	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995
		BHNEA0009207-42-14	BHNEAIRS9505-01-05	BHNEAIRS9505-01-10	BHNEAIRS9505-01-15	BHNEAIRS9505-02-05	BHNEAIRS9505-02-10	BHNEAIRS9505-02-15	BHNEAIRS9505-03-05	BHNEAIRS9505-03-10
VOCs										
Acetone	67-64-1	< 0.01								
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01								
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01								
Bromoform	75-25-2	< 0.01								
Bromomethane	74-83-9	< 0.01								
Carbon Disulfide	75-15-0	< 0.01								
Carbon Tetrachloride	56-23-5	< 0.01								
Chlorobenzene	108-90-7	< 0.01								
Chloroethane	75-00-3	< 0.01								
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01								
Chloromethane	74-87-3	< 0.01								
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01								
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01								
Dichlorobenzene, 1,2-	95-50-1	< 0.005								
Dichlorobenzene, 1,3-	541-73-1	0.008								
Dichlorobenzene, 1,4-	106-46-7	0.064								
Dichloroethane, 1,1-	75-34-3	< 0.01								
Dichloroethane, 1,2-	107-06-2	< 0.01								
Dichloroethene, 1,1-	75-35-4	< 0.01								
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01								
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01								
Dichloropropene, trans-1,3-	10061-02-6	< 0.01								
Ethylbenzene	100-41-4	0.068								
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01								
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01								
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01								
Methylene Chloride	75-09-2	< 0.01								
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01								
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01								
Tetrachloroethene	127-18-4	< 0.01								
Toluene	108-88-3	< 0.01								
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01								
Trichloroethane, 1,1,2-	79-00-5	< 0.01								

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA92BH42	NEAIRS95BH01	NEAIRS95BH01	NEAIRS95BH01	NEAIRS95BH02	NEAIRS95BH02	NEAIRS95BH02	NEAIRS95BH03	NEAIRS95BH03
		7/30/1992	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995
		BHNEA0009207-42-14	BHNEAIRS9505-01-05	BHNEAIRS9505-01-10	BHNEAIRS9505-01-15	BHNEAIRS9505-02-05	BHNEAIRS9505-02-10	BHNEAIRS9505-02-15	BHNEAIRS9505-03-05	BHNEAIRS9505-03-10
Trichloroethene	79-01-6	< 0.01								
Trichlorofluoromethane	75-69-4	< 0.01								
Trichlorotrifluoroethane, 1,1,2-		< 0.005								
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01								
Xylenes	1330-20-7	0.017								
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA92BH42	NEAIRS95BH01	NEAIRS95BH01	NEAIRS95BH01	NEAIRS95BH02	NEAIRS95BH02	NEAIRS95BH02	NEAIRS95BH03	NEAIRS95BH03
		7/30/1992	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995
		BHNEA0009207-42-14	BHNEAIRS9505-01-05	BHNEAIRS9505-01-10	BHNEAIRS9505-01-15	BHNEAIRS9505-02-05	BHNEAIRS9505-02-10	BHNEAIRS9505-02-15	BHNEAIRS9505-03-05	BHNEAIRS9505-03-10
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	19100								
Antimony	7440-36-0	< 0.5								
Arsenic	7440-38-2	16.3								
Barium	7440-39-3	319								
Beryllium	7440-41-7	0.8								
Cadmium	7440-43-9	0.4								
Calcium	7440-70-2	4030								
Chromium, Total	7440-47-3	19.2								
Cobalt	7440-48-4	20.3								
Copper	7440-50-8	17.5								
Iron	7439-89-6	19200								
Lead	7439-92-1	19								
Magnesium	7439-95-4	2510								
Manganese	7439-96-5	1200								
Mercury	7439-97-6	< 0.5								
Nickel	7440-02-0	21.2								
Potassium	7440-09-7	2340								
Selenium	7782-49-2	< 0.25								
Silver	7440-22-4	< 1.5								
Sodium	7440-23-5	83.8								
Thallium (Soluble Salts)	7440-28-0	< 5								
Vanadium	NA	39.2								
Zinc	7440-66-6	66.7								
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1								
Aroclor 1221	11104-28-2	< 1								
Aroclor 1232	11141-16-5	< 1								
Aroclor 1242	53469-21-9	< 1								
Aroclor 1248	12672-29-6	< 1								
Aroclor 1254	11097-69-1	< 1								

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEA92BH42	NEAIRS95BH01	NEAIRS95BH01	NEAIRS95BH01	NEAIRS95BH02	NEAIRS95BH02	NEAIRS95BH02	NEAIRS95BH03	NEAIRS95BH03
		7/30/1992	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995	5/19/1995
		BHNEA0009207-42-14	BHNEAIRS9505-01-05	BHNEAIRS9505-01-10	BHNEAIRS9505-01-15	BHNEAIRS9505-02-05	BHNEAIRS9505-02-10	BHNEAIRS9505-02-15	BHNEAIRS9505-03-05	BHNEAIRS9505-03-10
Aroclor 1260	11096-82-5	< 1								
Hydrocarbons										
Diesel Range Organics		< 20	< 9.8	< 9.6	< 10	< 9.6	< 9.7	< 9.8	< 10	< 9.9
Fuel Oil		< 20	< 9.8	< 9.6	< 10	< 9.6	< 9.7	< 9.8	< 10	< 9.9
Gasoline Range Organics		< 20	< 9.8	< 9.6	< 10	< 9.6	< 9.7	< 9.8	< 10	< 9.9
Jet Fuel		< 20	< 9.8	< 9.6	13	< 9.6	< 9.7	< 9.8	< 10	< 9.9
Kerosene	8008-20-6	< 20	< 9.8	< 9.6	< 10	< 9.6	< 9.7	< 9.8	< 10	< 9.9
Mineral Spirits	64475-85-0	< 20	< 9.8	< 9.6	< 10	< 9.6	< 9.7	< 9.8	< 10	< 9.9
Motor Oil		< 20	< 9.8	< 9.6	< 10	< 9.6	< 9.7	< 9.8	< 10	< 9.9
TPH (Total)		< 20	< 9.8	< 9.6	< 10	< 9.6	< 9.7	< 9.8	< 10	< 9.9

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAIRS95BH03	NEAOF191BH01	NEAOF191BH01	NEAOF191BH01	NEAOF191BH02	NEAOF191BH02	NEAOF191BH02	NEAOF191BH03	NEAOF191BH03
		5/19/1995	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991
		BHNEAIRS9505-03-15	BHNEA0019108-01-03	BHNEA0019108-01-08	BHNEA0019108-01-10	BHNEA0019108-02-03	BHNEA0019108-02-07	BHNEA0019108-02-09	BHNEA0019108-03-03	BHNEA0019108-03-07
VOCs										
Acetone	67-64-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAIRS95BH03	NEAOF191BH01	NEAOF191BH01	NEAOF191BH01	NEAOF191BH02	NEAOF191BH02	NEAOF191BH02	NEAOF191BH03	NEAOF191BH03
		5/19/1995	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991
		BHNEAIRS9505-03-15	BHNEA0019108-01-03	BHNEA0019108-01-08	BHNEA0019108-01-10	BHNEA0019108-02-03	BHNEA0019108-02-07	BHNEA0019108-02-09	BHNEA0019108-03-03	BHNEA0019108-03-07
Trichloroethene	79-01-6		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAIRS95BH03	NEAOF191BH01	NEAOF191BH01	NEAOF191BH01	NEAOF191BH02	NEAOF191BH02	NEAOF191BH02	NEAOF191BH03	NEAOF191BH03
		5/19/1995	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991
		BHNEAIRS9505-03-15	BHNEA0019108-01-03	BHNEA0019108-01-08	BHNEA0019108-01-10	BHNEA0019108-02-03	BHNEA0019108-02-07	BHNEA0019108-02-09	BHNEA0019108-03-03	BHNEA0019108-03-07
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5		672	34100	33800	16700	30900	30000	25100	27600
Antimony	7440-36-0		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2		5.31	2.81	5.4	7.47	5.87	8.56	2.77	6.86
Barium	7440-39-3		195	200	203	126	183	181	166	173
Beryllium	7440-41-7		0.84	0.89	0.91	0.56	0.81	0.84	0.72	0.76
Cadmium	7440-43-9		0.42	0.11	1.59	< 0.05	< 0.05	0.35	1.16	0.52
Calcium	7440-70-2		4350	5500	4530	2880	4860	3760	5270	5100
Chromium, Total	7440-47-3		61.6	36.2	43.8	17.4	28	30.3	40.5	37.9
Cobalt	7440-48-4		5.36	5.58	5.71	4.92	4.51	4.33	5.32	5.73
Copper	7440-50-8		21.3	18.3	17.1	10.8	16.6	14.8	26	22
Iron	7439-89-6		18000	18500	19200	12800	17900	17600	16300	16200
Lead	7439-92-1		24.5	30	27.5	18.5	28.5	22	33	31.5
Magnesium	7439-95-4		3110	3440	3240	1950	3100	2910	2600	2770
Manganese	7439-96-5		311	234	189	195	296	242	362	284
Mercury	7439-97-6		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0		17.2	27.6	19.2	13.2	17.1	15.2	21.1	19.3
Potassium	7440-09-7		5200	5150	4400	2850	4550	3800	4000	4350
Selenium	7782-49-2		< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4		< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5		254	209	181	113	177	135	174	186
Thallium (Soluble Salts)	7440-28-0		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA		52.2	52.6	51.7	32.1	48.4	45.4	42.9	46
Zinc	7440-66-6		55.6	62.9	60.4	40.8	57.9	52.8	57.9	59.1
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9		< 1	< 1	< 1	< 1	< 1	< 1	5.8	6.4
Aroclor 1248	12672-29-6		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1		< 1	< 1	< 1	< 1	< 1	< 1	1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAIRS95BH03	NEAOF191BH01	NEAOF191BH01	NEAOF191BH01	NEAOF191BH02	NEAOF191BH02	NEAOF191BH02	NEAOF191BH03	NEAOF191BH03
		5/19/1995	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991	8/23/1991
		BHNEAIRS9505-03-15	BHNEA0019108-01-03	BHNEA0019108-01-08	BHNEA0019108-01-10	BHNEA0019108-02-03	BHNEA0019108-02-07	BHNEA0019108-02-09	BHNEA0019108-03-03	BHNEA0019108-03-07
Aroclor 1260	11096-82-5		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics		< 9.5								
Fuel Oil		< 9.5								
Gasoline Range Organics		< 9.5								
Jet Fuel		< 9.5								
Kerosene	8008-20-6	< 9.5								
Mineral Spirits	64475-85-0	< 9.5								
Motor Oil		< 9.5								
TPH (Total)		< 9.5	< 20	< 20	59	< 20	39	< 20	24	48

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAOF191BH03	NEAOF192BH04	NEAOF192BH04	NEAOF192BH04	NEAOF192BH05	NEAOF192BH05	NEAOF192BH05	NEAOF192BH06	NEAOF192BH06
		8/23/1991	7/31/1992	7/31/1992	7/31/1992	7/31/1992	7/31/1992	7/31/1992	9/11/1992	9/11/1992
		BHNEA0019108-03-11	BHNEA0019207-04-04	BHNEA0019207-04-09	BHNEA0019207-04-14	BHNEA0019207-05-04	BHNEA0019207-05-08	BHNEA0019207-05-13	BHOF1000R9209-06-04	BHOF1000R9209-06-08
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7									
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.013	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAOF191BH03	NEAOF192BH04	NEAOF192BH04	NEAOF192BH04	NEAOF192BH05	NEAOF192BH05	NEAOF192BH05	NEAOF192BH06	NEAOF192BH06
		8/23/1991	7/31/1992	7/31/1992	7/31/1992	7/31/1992	7/31/1992	7/31/1992	9/11/1992	9/11/1992
		BHNEA0019108-03-11	BHNEA0019207-04-04	BHNEA0019207-04-09	BHNEA0019207-04-14	BHNEA0019207-05-04	BHNEA0019207-05-08	BHNEA0019207-05-13	BHOF1000R9209-06-04	BHOF1000R9209-06-08
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Anthracene	120-12-7									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, o-	95-48-7									
Cresol, p-	106-44-5									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylphenol, 2,4-	105-67-9									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Indeno[1,2,3-cd]pyrene	193-39-5									

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAOF191BH03	NEAOF192BH04	NEAOF192BH04	NEAOF192BH04	NEAOF192BH05	NEAOF192BH05	NEAOF192BH05	NEAOF192BH06	NEAOF192BH06
		8/23/1991	7/31/1992	7/31/1992	7/31/1992	7/31/1992	7/31/1992	7/31/1992	9/11/1992	9/11/1992
		BHNEA0019108-03-11	BHNEA0019207-04-04	BHNEA0019207-04-09	BHNEA0019207-04-14	BHNEA0019207-05-04	BHNEA0019207-05-08	BHNEA0019207-05-13	BHOF1000R9209-06-04	BHOF1000R9209-06-08
Isophorone	78-59-1									
Methylnaphthalene, 2-	91-57-6									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Pentachlorophenol	87-86-5									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Pyrene	129-00-0									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Metals and Inorganics										
Aluminum	7429-90-5	15300	18586	15807	13667	16713	16715	19700	26800	21100
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	7.72	8.01	6.47	12.7	7.3	6.8	7.26	6.78	4.47
Barium	7440-39-3	134	149	130	117.8	140	143	142.7	176	150
Beryllium	7440-41-7	0.62	0.65	0.6	0.6	0.6	0.55	0.65	0.85	0.7
Cadmium	7440-43-9	0.4	0.25	0.25	0.7	0.65	< 0.05	0.4	0.7	< 0.05
Calcium	7440-70-2	5410	3185	2984	32649	3532	4041	5360	7550	2540
Chromium, Total	7440-47-3	26.4	21.8	19.8	27.7	24.2	18.2	21.7	33.6	22.9
Cobalt	7440-48-4	4.34	4.65	6.65	7.7	6.2	4.5	6.05	5.45	4.15
Copper	7440-50-8	19.7	12.3	10.5	13.7	13	8.7	10.2	18.8	11.4
Iron	7439-89-6	15200	15308	15288	19382	15008	12741	15300	17600	16000
Lead	7439-92-1	24.5	24.5	14.5	20	19.5	13.5	16	7.9	< 2.5
Magnesium	7439-95-4	2130	2155	1898	1669	2059	1770	2000	3280	2810
Manganese	7439-96-5	275	181	357	516	250	244	616	468	231
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	0.095	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	18.8	16.1	15.6	21.8	17.7	11.7	14.9	21	12.9
Potassium	7440-09-7	2000	2693	2405	2058	2420	2290	2990	3600	4090
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	95.7	89.2	94.1	105	90.9	112	121	128	124
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	24.1	32.8	31.1	30.6	30.1	28.9	36.1	41.7	37.8
Zinc	7440-66-6	55.4	67.9	42.2	43.6	46.6	24.1	41.2	76	46.3
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	4.5	< 1	< 1	< 1	7.8	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAOF191BH03	NEAOF192BH04	NEAOF192BH04	NEAOF192BH04	NEAOF192BH05	NEAOF192BH05	NEAOF192BH05	NEAOF192BH06	NEAOF192BH06
		8/23/1991	7/31/1992	7/31/1992	7/31/1992	7/31/1992	7/31/1992	7/31/1992	9/11/1992	9/11/1992
		BHNEA0019108-03-11	BHNEA0019207-04-04	BHNEA0019207-04-09	BHNEA0019207-04-14	BHNEA0019207-05-04	BHNEA0019207-05-08	BHNEA0019207-05-13	BHOF1000R9209-06-04	BHOF1000R9209-06-08
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics			< 20	< 20	< 20	< 20	< 20	< 20	< 5	< 5
Fuel Oil			< 20	< 20	< 20	20	< 20	< 20	< 5	< 5
Gasoline Range Organics			< 20	< 20	< 20	< 20	< 20	< 20	< 5	< 5
Jet Fuel			< 20	< 20	< 20	< 20	< 20	< 20	< 5	< 5
Kerosene	8008-20-6		< 20	< 20	< 20	< 20	< 20	< 20	< 5	< 5
Mineral Spirits	64475-85-0		< 20	< 20	< 20	< 20	< 20	< 20	< 5	< 5
Motor Oil			< 20	< 20	< 20	< 20	< 20	< 20	< 5	< 5
TPH (Total)		< 20	< 20	< 20	< 20		< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAOF192BH06	NEAOF192BH07	NEAOF192BH07	NEAOF192BH07	NEAOF192BH08	NEAOF192BH08	NEAOF192BH08	NEAOF192BH08
		9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992
		BHOF1000R9209-06-12	BHOF1000R9209-07-04	BHOF1000R9209-07-08	BHOF1000R9209-07-11	BHOF1000R9209-08-04	BHOF1000R9209-08-08	BHOF1000R9209-08-12	BHOF1000R9209-08-15
VOCs									
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrolein	107-02-8								
Acrylonitrile	107-13-1								
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis(2-chloroethyl)ether	111-44-4								
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8								
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloronaphthalene, Beta-	91-58-7								
Chlorophenol, 2-	95-57-8								
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cresol, p-chloro-m-	59-50-7								
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloroethylene, 1,2-trans-	156-60-5								
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene	87-68-3								
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	91-20-3								
Nitrobenzene	98-95-3								
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobenzene, 1,2,4-	120-82-1								
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAOF192BH06	NEAOF192BH07	NEAOF192BH07	NEAOF192BH07	NEAOF192BH08	NEAOF192BH08	NEAOF192BH08	NEAOF192BH08
		9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992
		BHOF1000R9209-06-12	BHOF1000R9209-07-04	BHOF1000R9209-07-08	BHOF1000R9209-07-11	BHOF1000R9209-08-04	BHOF1000R9209-08-08	BHOF1000R9209-08-12	BHOF1000R9209-08-15
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	108-05-4								
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SVOCs									
Acenaphthene	83-32-9								
Acenaphthylene	208-96-8								
Anthracene	120-12-7								
Benzo[a]anthracene	56-55-3								
Benzo[a]pyrene	50-32-8								
Benzo[b]fluoranthene	205-99-2								
Benzo[g,h,i]perylene	191-24-2								
Benzo[k]fluoranthene	207-08-9								
Benzoic Acid	65-85-0								
Benzyl Alcohol	100-51-6								
Bis(2-chloroethoxy)methane	111-91-1								
bis(2-Chloroisopropyl)ether	39638-32-9								
Bis(2-ethylhexyl)phthalate	117-81-7								
Bromophenyl phenyl ether, 4-	101-55-3								
Butyl Benzyl Phthlate	85-68-7								
Chloroaniline, p-	106-47-8								
Chlorophenyl-phenylether, 4-	7005-72-3								
Chrysene	218-01-9								
Cresol, o-	95-48-7								
Cresol, p-	106-44-5								
Dibenz[a,h]anthracene	53-70-3								
Dibenzofuran	132-64-9								
Dibutyl Phthalate	84-74-2								
Dichlorobenzidine, 3,3'-	91-94-1								
Dichlorophenol, 2,4-	120-83-2								
Diethyl Phthalate	84-66-2								
Dimethyl phthalate	131-11-3								
Dimethylphenol, 2,4-	105-67-9								
Dinitro-o-cresol, 4,6-	534-52-1								
Dinitrophenol, 2,4-	51-28-5								
Dinitrotoluene, 2,4-	121-14-2								
Dinitrotoluene, 2,6-	606-20-2								
Di-n-octylphthalate									
Fluoranthene	206-44-0								
Fluorene	86-73-7								
Hexachlorobenzene	118-74-1								
Hexachlorocyclopentadiene	77-47-4								
Hexachloroethane	67-72-1								
Indeno[1,2,3-cd]pyrene	193-39-5								

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAOF192BH06	NEAOF192BH07	NEAOF192BH07	NEAOF192BH07	NEAOF192BH08	NEAOF192BH08	NEAOF192BH08	NEAOF192BH08
		9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992
		BHOF1000R9209-06-12	BHOF1000R9209-07-04	BHOF1000R9209-07-08	BHOF1000R9209-07-11	BHOF1000R9209-08-04	BHOF1000R9209-08-08	BHOF1000R9209-08-12	BHOF1000R9209-08-15
Isophorone	78-59-1								
Methylnaphthalene, 2-	91-57-6								
Nitroaniline, 2-	88-74-4								
Nitroaniline, 3-	99-09-2								
Nitroaniline, 4-	100-01-6								
Nitrophenol, 2-	88-75-5								
Nitrophenol, 4-	100-02-7								
Nitroso-di-N-propylamine, N-	621-64-7								
Nitrosodiphenylamine, N-	86-30-6								
Pentachlorophenol	87-86-5								
Phenanthrene	85-01-8								
Phenol	108-95-2								
Pyrene	129-00-0								
Trichlorophenol, 2,4,5-	95-95-4								
Trichlorophenol, 2,4,6-	88-06-2								
Metals and Inorganics									
Aluminum	7429-90-5	11000	27800	25900	33000	16200	16700	14600	18700
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic	7440-38-2	6.61	7.97	7.58	9	6.52	5.94	5.49	5.53
Barium	7440-39-3	71.5	184	172	210	154	150	136	136
Beryllium	7440-41-7	0.65	0.85	0.85	0.95	0.65	0.6	0.6	0.65
Cadmium	7440-43-9	< 0.05	0.65	< 0.05	3.4	< 0.05	0.45	< 0.05	< 0.05
Calcium	7440-70-2	12200	9850	4840	6050	3280	8100	3340	4530
Chromium, Total	7440-47-3	21.5	35.1	25.5	92.5	17.3	18.6	16.7	19.4
Cobalt	7440-48-4	6.95	5.7	5.45	5.8	5.5	5.95	5.3	5.25
Copper	7440-50-8	15	22.5	12.8	48.8	10.8	9.7	10.5	9.65
Iron	7439-89-6	431	435	17800	417	14800	17400	11800	15400
Lead	7439-92-1	< 2.5	18.1	< 2.5	12.6	5.25	< 2.5	< 2.5	< 2.5
Magnesium	7439-95-4	940	3270	3050	3480	1960	3050	1830	2160
Manganese	7439-96-5	262	1020	357	430	421	2650	301	860
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	7440-02-0	25.8	20.7	17	27.8	13.6	13.6	13.2	13.1
Potassium	7440-09-7	1540	4830	4160	5500	2310	2650	2270	3090
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Sodium	7440-23-5	96.5	195	143	203	61.5	76.5	71.5	84
Thallium (Soluble Salts)	7440-28-0	0.6	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vanadium	NA	35.2	43.8	40.5	51	29.8	31	28.6	32.8
Zinc	7440-66-6	72	85	54.5	72	44	41.7	36.1	38
PCBs and Dioxins									
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-6
Comparison of Subsurface Soil Data to Human Health Screening Criteria (MPS-, MVR-, NEA-)
Bannister Federal Complex

Chemical	CAS	NEAOF192BH06	NEAOF192BH07	NEAOF192BH07	NEAOF192BH07	NEAOF192BH08	NEAOF192BH08	NEAOF192BH08	NEAOF192BH08
		9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992	9/11/1992
		BHOF1000R9209-06-12	BHOF1000R9209-07-04	BHOF1000R9209-07-08	BHOF1000R9209-07-11	BHOF1000R9209-08-04	BHOF1000R9209-08-08	BHOF1000R9209-08-12	BHOF1000R9209-08-15
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons									
Diesel Range Organics		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Fuel Oil		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Gasoline Range Organics		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Jet Fuel		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Kerosene	8008-20-6	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Mineral Spirits	64475-85-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Motor Oil		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06	OHL921105SS07	RRDOCK84BH01	RRDOCK84BH01
		11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/5/1992	4/25/1984	4/25/1984
		SSOHL000921104-01-02	SSOHL000921104-02-02	SSOHL000921104-03-02	SSOHL000921104-04-02	SSOHL000921104-05-02	SSOHL000921104-06-02	SSOHL000921105-07-02	BHRRDOCK8404-01-04	BHRRDOCK8404-01-06
VOCs										
Acetone	67-64-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Benzene	71-43-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Bromodichloromethane	75-27-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Bromoform	75-25-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Bromomethane	74-83-9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Carbon Disulfide	75-15-0	< 0.01	< 0.01	< 0.01	< 0.01	0.013	< 0.01	< 0.01		
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Chlorobenzene	108-90-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Chloroethane	75-00-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 0.1
Chloromethane	74-87-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Dibromochloromethane	124-48-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.067		
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 0.1
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Ethylbenzene	100-41-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Hexanone, 2-	591-78-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	0.016	0.013	< 0.01	0.032	< 0.01	< 0.01		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Methylene Chloride	75-09-2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Styrene	100-42-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Tetrachloroethene	127-18-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Toluene	108-88-3	< 0.01	< 0.01	< 0.01	< 0.01	0.014	< 0.01	< 0.01		
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 0.1
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Trichloroethene	79-01-6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 0.1
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Xylenes	1330-20-7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Metals and Inorganics										
Aluminum	7429-90-5	14300	16900	13400	9900	14000	20000	20600		
Antimony	7440-36-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Arsenic	7440-38-2	2.84	3.93	2.02	1.68	2.82	3.65	3.61		
Barium	7440-39-3	144	115	112	88.5	132	161	197		

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	OHL921104SS01	OHL921104SS02	OHL921104SS03	OHL921104SS04	OHL921104SS05	OHL921104SS06	OHL921105SS07	RRDOCK84BH01	RRDOCK84BH01
		11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/4/1992	11/5/1992	4/25/1984	4/25/1984
		SSOHL000921104-01-02	SSOHL000921104-02-02	SSOHL000921104-03-02	SSOHL000921104-04-02	SSOHL000921104-05-02	SSOHL000921104-06-02	SSOHL000921105-07-02	BHRRDOCK8404-01-04	BHRRDOCK8404-01-06
Beryllium	7440-41-7	0.6	0.55	0.5	0.5	0.45	0.6	0.75		
Cadmium	7440-43-9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		
Calcium	7440-70-2	3040	2540	2860	2920	2670	10200	4100		
Chromium, Total	7440-47-3	14.4	16.4	14.3	11	14.8	25.4	20.7		
Cobalt	7440-48-4	4.05	5.45	5.2	2.9	3.65	4.75	7.9		
Copper	7440-50-8	12.3	10.8	10.6	11.1	11	29.7	15		
Cyanide	57-12-5									
Iron	7439-89-6	14400	14200	11500	10300	10000	13600	19000		
Lead	7439-92-1	12.5	12	12	11	13.5	29.5	13.5		
Magnesium	7439-95-4	19200	2030	1700	1520	1620	2260	2530		
Manganese	7439-96-5	372	346	308	174	217	412	610		
Mercury	7439-97-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Nickel	7440-02-0	13.4	13.9	14.8	12	10.4	17.4	17.8		
Potassium	7440-09-7	1620	2570	2330	1190	2710	3500	2740		
Selenium	7782-49-2	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25		
Silver	7440-22-4	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5		
Sodium	7440-23-5	83	102	82.5	84.5	79.5	139	121		
Thallium (Soluble Salts)	7440-28-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Vanadium	NA	21.6	28.8	21.7	11	22.5	31.8	30.6		
Zinc	7440-66-6	40	40	45	32.4	39.1	52	48.9		
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	13.8	< 1
Hydrocarbons										
Diesel Range Organics		< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Fuel Oil		< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Gasoline Range Organics		< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Jet Fuel		< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Kerosene	8008-20-6	< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Mineral Spirits	64475-85-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Motor Oil		< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Oil and Grease									12700	7680
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20		

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	RRDOCK84BH01	RRDOCK84BH01	RRDOCK84BH02	RRDOCK84BH02	RRDOCK84BH03	RRDOCK84BH03	RRDOCK84BH04	RRDOCK84BH04	RRDOCK84BH05
		4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984
		BHRRDOCK8404-01-10	BHRRDOCK8404-01-14	BHRRDOCK8404-02-04	BHRRDOCK8404-02-06	BHRRDOCK8404-03-04	BHRRDOCK8404-03-06	BHRRDOCK8404-04-04	BHRRDOCK8404-04-06	BHRRDOCK8404-05-04
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0	5.4	1.9	< 0.1	< 0.1	0.38	< 0.1	< 0.1	< 0.1	3.5
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									0.68
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	3.6	2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.6
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	RRDOCK84BH01	RRDOCK84BH01	RRDOCK84BH02	RRDOCK84BH02	RRDOCK84BH03	RRDOCK84BH03	RRDOCK84BH04	RRDOCK84BH04	RRDOCK84BH05
		4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984
		BHRRDOCK8404-01-10	BHRRDOCK8404-01-14	BHRRDOCK8404-02-04	BHRRDOCK8404-02-06	BHRRDOCK8404-03-04	BHRRDOCK8404-03-06	BHRRDOCK8404-04-04	BHRRDOCK8404-04-06	BHRRDOCK8404-05-04
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		520	4600	1030	1120	190	1560	3220	300	5800
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	RRDOCK84BH05	RRDOCK84BH06	RRDOCK84BH06	RRDOCK84BH07	RRDOCK84BH07	RRDOCK84BH07	RRDOCK84BH07	RRDOCK84BH08	RRDOCK84BH08
		4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/26/1984	4/26/1984
		BHRRDOCK8404-05-06	BHRRDOCK8404-06-04	BHRRDOCK8404-06-06	BHRRDOCK8404-07-04	BHRRDOCK8404-07-06	BHRRDOCK8404-07-10	BHRRDOCK8404-07-14	BHRRDOCK8404-08-04	BHRRDOCK8404-08-06
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0	4.4	4.7	0.22	1.8	< 0.1	1.4	3.8	< 0.1	< 0.1
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5	2.7	3.1	< 0.1						
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	11.4	7.5	0.24	0.51	< 0.1	< 0.1	5.4	< 0.1	< 0.1
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
Metals and Inorganics										
Aluminum	7429-90-5									
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	RRDOCK84BH05	RRDOCK84BH06	RRDOCK84BH06	RRDOCK84BH07	RRDOCK84BH07	RRDOCK84BH07	RRDOCK84BH07	RRDOCK84BH08	RRDOCK84BH08
		4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/25/1984	4/26/1984	4/26/1984
		BHRRDOCK8404-05-06	BHRRDOCK8404-06-04	BHRRDOCK8404-06-06	BHRRDOCK8404-07-04	BHRRDOCK8404-07-06	BHRRDOCK8404-07-10	BHRRDOCK8404-07-14	BHRRDOCK8404-08-04	BHRRDOCK8404-08-06
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Calcium	7440-70-2									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Magnesium	7439-95-4									
Manganese	7439-96-5									
Mercury	7439-97-6									
Nickel	7440-02-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silver	7440-22-4									
Sodium	7440-23-5									
Thallium (Soluble Salts)	7440-28-0									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1			< 1	< 1	< 1	< 1		
Aroclor 1221	11104-28-2	< 1			< 1	< 1	< 1	< 1		
Aroclor 1232	11141-16-5	< 1			< 1	< 1	< 1	< 1		
Aroclor 1242	53469-21-9	< 1			< 1	< 1	< 1	< 1		
Aroclor 1248	12672-29-6	< 1			< 1	< 1	< 1	< 1		
Aroclor 1254	11097-69-1	< 1			< 1	< 1	< 1	< 1		
Aroclor 1260	11096-82-5	< 1	1.6	2	< 1	< 1	< 1	< 1	4.5	1.5
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		10600	2190	790	1020	1150	135	230	1760	1950
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	RRDOCK84BH09	RRDOCK84BH09	RRDOCK84BH10	RRDOCK84BH10	RRDOCK84BH11	RRDOCK84BH11	ST2RACEWAY	TCEABS93BH01	TCEABS93BH01
		4/26/1984	4/26/1984	4/26/1984	4/26/1984	4/26/1984	4/26/1984	10/12/1995	3/19/1993	3/19/1993
		BHRRDOCK8404-09-04	BHRRDOCK8404-09-06	BHRRDOCK8404-10-04	BHRRDOCK8404-10-06	BHRRDOCK8404-11-04	BHRRDOCK8404-11-06	ST2RACEWAY-951012-02	BHTCEABS9303-01-12	BHTCEABS9303-01-13
VOCs										
Acetone	67-64-1									< 0.01
Benzene	71-43-2									< 0.01
Bromodichloromethane	75-27-4									< 0.01
Bromoform	75-25-2									< 0.01
Bromomethane	74-83-9									< 0.01
Carbon Disulfide	75-15-0									< 0.01
Carbon Tetrachloride	56-23-5									< 0.01
Chlorobenzene	108-90-7									< 0.01
Chloroethane	75-00-3									< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			< 0.01
Chloromethane	74-87-3									< 0.01
cis-1,3-Dichloropropene	10061-01-5									< 0.01
Dibromochloromethane	124-48-1									< 0.01
Dichlorobenzene, 1,2-	95-50-1									< 0.005
Dichlorobenzene, 1,3-	541-73-1									< 0.005
Dichlorobenzene, 1,4-	106-46-7									< 0.005
Dichloroethane, 1,1-	75-34-3									< 0.01
Dichloroethane, 1,2-	107-06-2									< 0.01
Dichloroethene, 1,1-	75-35-4									< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			< 0.01
Dichloropropane, 1,2-	78-87-5									< 0.01
Dichloropropene, trans-1,3-	10061-02-6									< 0.01
Ethylbenzene	100-41-4									< 0.01
Hexanone, 2-	591-78-6									< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3									< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									< 0.01
Methylene Chloride	75-09-2									< 0.01
Styrene	100-42-5									< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5									< 0.01
Tetrachloroethene	127-18-4									< 0.01
Toluene	108-88-3									< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			< 0.01
Trichloroethane, 1,1,2-	79-00-5									< 0.01
Trichloroethene	79-01-6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			< 0.01
Trichlorofluoromethane	75-69-4									< 0.01
Trichlorotrifluoroethane, 1,1,2-										< 0.005
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									< 0.01
Xylenes	1330-20-7									< 0.01
Metals and Inorganics										
Aluminum	7429-90-5									21600
Antimony	7440-36-0									< 0.5
Arsenic	7440-38-2									10.5
Barium	7440-39-3									99.6

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	RRDOCK84BH09	RRDOCK84BH09	RRDOCK84BH10	RRDOCK84BH10	RRDOCK84BH11	RRDOCK84BH11	ST2RACEWAY	TCEABS93BH01	TCEABS93BH01
		4/26/1984	4/26/1984	4/26/1984	4/26/1984	4/26/1984	4/26/1984	10/12/1995	3/19/1993	3/19/1993
		BHRRDOCK8404-09-04	BHRRDOCK8404-09-06	BHRRDOCK8404-10-04	BHRRDOCK8404-10-06	BHRRDOCK8404-11-04	BHRRDOCK8404-11-06	ST2RACEWAY-951012-02	BHTCEABS9303-01-12	BHTCEABS9303-01-13
Beryllium	7440-41-7									0.55
Cadmium	7440-43-9									< 0.05
Calcium	7440-70-2									2360
Chromium, Total	7440-47-3									19
Cobalt	7440-48-4									1.5
Copper	7440-50-8									11.3
Cyanide	57-12-5									
Iron	7439-89-6									14900
Lead	7439-92-1									12.5
Magnesium	7439-95-4									2810
Manganese	7439-96-5									151
Mercury	7439-97-6									< 0.5
Nickel	7440-02-0									11.6
Potassium	7440-09-7									3200
Selenium	7782-49-2									< 0.25
Silver	7440-22-4									< 1.5
Sodium	7440-23-5									79.9
Thallium (Soluble Salts)	7440-28-0									< 5
Vanadium	NA									31.3
Zinc	7440-66-6									44.9
PCBs and Dioxins										
Aroclor 1016	12674-11-2				< 1	< 1		< 0.99	< 1	
Aroclor 1221	11104-28-2				< 1	< 1		< 0.99	< 1	
Aroclor 1232	11141-16-5				< 1	< 1		< 0.99	< 1	
Aroclor 1242	53469-21-9				< 1	< 1		< 0.99	< 1	
Aroclor 1248	12672-29-6				< 1	< 1		< 0.99	< 1	
Aroclor 1254	11097-69-1				< 1	< 1		< 0.99	< 1	
Aroclor 1260	11096-82-5	3.2	1.2	1.1	< 1	< 1	1.4	< 0.99	< 1	
Hydrocarbons										
Diesel Range Organics									< 10	
Fuel Oil									< 10	
Gasoline Range Organics									< 10	
Jet Fuel									< 10	
Kerosene	8008-20-6								< 10	
Mineral Spirits	64475-85-0								< 10	
Motor Oil									< 10	
Oil and Grease		202	740	1030	700	2080	570			
TPH (Total)									< 10	

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCEABS93BH01	TCEABS93BH02	TCEABS93BH02	TCEABS93BH02	TCEABS93BH03	TCEABS93BH03	TCEABS93BH03	TCEABS93BH04	TCEABS93BH04
		3/19/1993	3/19/1993	3/19/1993	3/19/1993	3/20/1993	3/20/1993	3/20/1993	3/20/1993	3/20/1993
		BHTCEABS9303-01-14	BHTCEABS9303-02-09	BHTCEABS9303-02-10	BHTCEABS9303-02-11	BHTCEABS9303-03-09	BHTCEABS9303-03-10	BHTCEABS9303-03-11	BHTCEABS9303-04-09	BHTCEABS9303-04-10
VOCs										
Acetone	67-64-1			< 0.02		< 0.01			< 0.01	
Benzene	71-43-2			< 0.02		0.007			< 0.01	
Bromodichloromethane	75-27-4			< 0.02		< 0.01			< 0.01	
Bromoform	75-25-2			< 0.02		< 0.01			< 0.01	
Bromomethane	74-83-9			< 0.02		< 0.01			< 0.01	
Carbon Disulfide	75-15-0			< 0.02		< 0.01			< 0.01	
Carbon Tetrachloride	56-23-5			< 0.02		< 0.01			< 0.01	
Chlorobenzene	108-90-7			< 0.02		< 0.01			< 0.01	
Chloroethane	75-00-3			< 0.02		< 0.01			< 0.01	
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3			< 0.02		< 0.01			< 0.01	
Chloromethane	74-87-3			< 0.02		< 0.01			< 0.01	
cis-1,3-Dichloropropene	10061-01-5			< 0.02		< 0.01			< 0.01	
Dibromochloromethane	124-48-1			< 0.02		< 0.01			< 0.01	
Dichlorobenzene, 1,2-	95-50-1			< 0.01		< 0.005			< 0.005	
Dichlorobenzene, 1,3-	541-73-1			< 0.01		< 0.005			< 0.005	
Dichlorobenzene, 1,4-	106-46-7			< 0.01		< 0.005			< 0.005	
Dichloroethane, 1,1-	75-34-3			0.023		0.035			< 0.01	
Dichloroethane, 1,2-	107-06-2			< 0.02		< 0.01			< 0.01	
Dichloroethene, 1,1-	75-35-4			< 0.02		< 0.01			< 0.01	
Dichloroethene, 1,2- (Total)	540-59-0			0.44		< 0.01			0.14	
Dichloropropane, 1,2-	78-87-5			< 0.02		< 0.01			< 0.01	
Dichloropropene, trans-1,3-	10061-02-6			< 0.02		< 0.01			< 0.01	
Ethylbenzene	100-41-4			< 0.02		0.028			< 0.01	
Hexanone, 2-	591-78-6			< 0.02		< 0.01			< 0.01	
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 0.02		< 0.01			< 0.01	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			< 0.02		< 0.01			< 0.01	
Methylene Chloride	75-09-2			< 0.02		< 0.01			< 0.01	
Styrene	100-42-5			< 0.02		< 0.01			< 0.01	
Tetrachloroethane, 1,1,2,2-	79-34-5			< 0.02		< 0.01			< 0.01	
Tetrachloroethene	127-18-4			< 0.02		< 0.01			< 0.01	
Toluene	108-88-3			< 0.02		0.038			< 0.01	
Trichloroethane, 1,1,1-	71-55-6			< 0.02		< 0.01			< 0.01	
Trichloroethane, 1,1,2-	79-00-5			< 0.02		< 0.01			< 0.01	
Trichloroethene	79-01-6			0.077		< 0.01			< 0.01	
Trichlorofluoromethane	75-69-4			< 0.02		< 0.01			< 0.01	
Trichlorotrifluoroethane, 1,1,2-				0.28		< 0.005			< 0.005	
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4			0.11		< 0.01			0.044	
Xylenes	1330-20-7			< 0.02		0.11			< 0.01	
Metals and Inorganics										
Aluminum	7429-90-5			14900			13200			12600
Antimony	7440-36-0			< 0.5			< 0.5			< 0.5
Arsenic	7440-38-2			5.13			4.5			3.7
Barium	7440-39-3			120			129			113

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCEABS93BH01	TCEABS93BH02	TCEABS93BH02	TCEABS93BH02	TCEABS93BH03	TCEABS93BH03	TCEABS93BH03	TCEABS93BH04	TCEABS93BH04
		3/19/1993	3/19/1993	3/19/1993	3/19/1993	3/20/1993	3/20/1993	3/20/1993	3/20/1993	3/20/1993
		BHTCEABS9303-01-14	BHTCEABS9303-02-09	BHTCEABS9303-02-10	BHTCEABS9303-02-11	BHTCEABS9303-03-09	BHTCEABS9303-03-10	BHTCEABS9303-03-11	BHTCEABS9303-04-09	BHTCEABS9303-04-10
Beryllium	7440-41-7			0.45			0.45			0.5
Cadmium	7440-43-9			< 0.05			< 0.05			< 0.05
Calcium	7440-70-2			2540			2470			2770
Chromium, Total	7440-47-3			13.1			14.7			12.9
Cobalt	7440-48-4			11.7			3.9			2.6
Copper	7440-50-8			12.2			10.8			12.3
Cyanide	57-12-5	< 1			< 1			< 1		
Iron	7439-89-6			13700			11800			14400
Lead	7439-92-1			24			16.5			10
Magnesium	7439-95-4			2360			1710			2260
Manganese	7439-96-5			435			425			326
Mercury	7439-97-6			< 0.5			< 0.5			< 0.5
Nickel	7440-02-0			12.8			9.35			13.3
Potassium	7440-09-7			1940			2190			1720
Selenium	7782-49-2			< 0.25			< 0.25			< 0.25
Silver	7440-22-4			< 1.5			< 1.5			< 1.5
Sodium	7440-23-5			72.5			43.7			47.8
Thallium (Soluble Salts)	7440-28-0			< 5			< 5			< 5
Vanadium	NA			20.3			24.2			15.9
Zinc	7440-66-6			41.1			37.2			46.6
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 1			< 1			< 1	
Aroclor 1221	11104-28-2		< 1			< 1			< 1	
Aroclor 1232	11141-16-5		< 1			< 1			< 1	
Aroclor 1242	53469-21-9		< 1			< 1			< 1	
Aroclor 1248	12672-29-6		< 1			< 1			< 1	
Aroclor 1254	11097-69-1		< 1			< 1			< 1	
Aroclor 1260	11096-82-5		< 1			< 1			< 1	
Hydrocarbons										
Diesel Range Organics			< 10				< 10			< 10
Fuel Oil			< 10				< 10			< 10
Gasoline Range Organics			< 10				< 10			< 10
Jet Fuel			< 10				< 10			< 10
Kerosene	8008-20-6		< 10				< 10			< 10
Mineral Spirits	64475-85-0		< 10				< 10			< 10
Motor Oil			< 10				< 10			< 10
Oil and Grease										
TPH (Total)			< 10				< 10			< 10

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCEABS93BH04	TCEABS93BH05	TCEABS93BH05	TCEABS93BH06	TCEABS93BH06	TCESA91BH01	TCESA91BH02	TCESA91BH02	TCESA91BH02
		3/20/1993	3/21/1993	3/21/1993	3/21/1993	3/21/1993	8/6/1991	8/7/1991	8/7/1991	8/7/1991
		BHTCEABS9303-04-11	BHTCEABS9303-05-13	BHTCEABS9303-05-14	BHTCEABS9303-06-12	BHTCEABS9303-06-13	BHTCE0009108-01-14	BHTCE0009108-02-02	BHTCE0009108-02-09	BHTCE0009108-02-13
VOCs										
Acetone	67-64-1		< 0.01		< 0.01		< 1.6	< 0.013	0.028	< 1.6
Benzene	71-43-2		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Bromodichloromethane	75-27-4		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Bromoform	75-25-2		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Bromomethane	74-83-9		< 0.01		< 0.01		< 1.6	< 0.013	< 0.012	< 1.6
Carbon Disulfide	75-15-0		< 0.01		< 0.01		< 0.8	< 0.006	0.002 J	< 0.8
Carbon Tetrachloride	56-23-5		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Chlorobenzene	108-90-7		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Chloroethane	75-00-3		< 0.01		< 0.01		< 1.6	< 0.013	< 0.012	< 1.6
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Chloromethane	74-87-3		< 0.01		< 0.01		< 1.6	< 0.013	< 0.012	< 1.6
cis-1,3-Dichloropropene	10061-01-5		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Dibromochloromethane	124-48-1		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Dichlorobenzene, 1,2-	95-50-1		< 0.005		< 0.005					
Dichlorobenzene, 1,3-	541-73-1		< 0.005		< 0.005					
Dichlorobenzene, 1,4-	106-46-7		< 0.005		< 0.005					
Dichloroethane, 1,1-	75-34-3		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Dichloroethane, 1,2-	107-06-2		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Dichloroethene, 1,1-	75-35-4		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Dichloroethene, 1,2- (Total)	540-59-0		< 0.01		< 0.01		< 0.8	< 0.006	0.19	0.37 J
Dichloropropane, 1,2-	78-87-5		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Dichloropropene, trans-1,3-	10061-02-6		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Ethylbenzene	100-41-4		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Hexanone, 2-	591-78-6		< 0.01		< 0.01		< 1.6	< 0.013	0.003 J	< 1.6
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01		< 0.01		< 1.6	< 0.013	< 0.012	< 1.6
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01		< 0.01		< 1.6	< 0.013	< 0.012	< 1.6
Methylene Chloride	75-09-2		< 0.01		< 0.01		0.19 BJ	0.009 B	0.004 BJ	0.3 J
Styrene	100-42-5		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Tetrachloroethene	127-18-4		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Toluene	108-88-3		< 0.01		< 0.01		0.19 J	0.004 J	0.002 J	0.18 J
Trichloroethane, 1,1,1-	71-55-6		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Trichloroethane, 1,1,2-	79-00-5		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Trichloroethene	79-01-6		< 0.01		< 0.01		< 0.8	< 0.006	< 0.006	< 0.8
Trichlorofluoromethane	75-69-4		< 0.01		< 0.01					
Trichlorotrifluoroethane, 1,1,2-			< 0.005		< 0.005					
Vinyl Acetate	108-05-4						< 1.6	< 0.013	< 0.012	< 1.6
Vinyl Chloride	75-01-4		< 0.01		< 0.01		< 1.6	< 0.013	0.007 J	< 1.6
Xylenes	1330-20-7		< 0.01		< 0.01		0.57 J	< 0.006	< 0.006	< 0.8
Metals and Inorganics										
Aluminum	7429-90-5			19700		17200	15200	9300	11300	12800
Antimony	7440-36-0			< 0.5		< 0.5	< 3.8	< 3.6	< 3.6	< 3.7
Arsenic	7440-38-2			7.13		4.5	6.9 N	3 N	5.4 N	4.4 N
Barium	7440-39-3			110		139	155 N*	122 N*	122 N*	180 N*

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCEABS93BH04	TCEABS93BH05	TCEABS93BH05	TCEABS93BH06	TCEABS93BH06	TCESA91BH01	TCESA91BH02	TCESA91BH02	TCESA91BH02
		3/20/1993	3/21/1993	3/21/1993	3/21/1993	3/21/1993	8/6/1991	8/7/1991	8/7/1991	8/7/1991
		BHTCEABS9303-04-11	BHTCEABS9303-05-13	BHTCEABS9303-05-14	BHTCEABS9303-06-12	BHTCEABS9303-06-13	BHTCE0009108-01-14	BHTCE0009108-02-02	BHTCE0009108-02-09	BHTCE0009108-02-13
Beryllium	7440-41-7			0.6		0.55	0.69	0.69	0.8	0.81
Cadmium	7440-43-9			0.3		0.1	< 0.63	< 0.6	< 0.6	< 0.62
Calcium	7440-70-2			3000		2940	4580	5090	5510	5200
Chromium, Total	7440-47-3			18.1		16.3	17.2	12.2	13	15.4
Cobalt	7440-48-4			2.85		1.9	8.2	4.4 B	6.7 B	8.4 B
Copper	7440-50-8			14.1		12.5	15.9	15.6	17	20.8
Cyanide	57-12-5	< 1		< 0.001		< 0.001				
Iron	7439-89-6			18200		15600	19300 E	15200 E	16200 E	21100 E
Lead	7439-92-1			12		8	6 W	11.3 W	13.4 W	16.3 W
Magnesium	7439-95-4			3050		2960	3180	2230	2330	3040
Manganese	7439-96-5			239		94.5	736	423	502	669
Mercury	7439-97-6			< 0.5		< 0.5	< 0.03	< 0.02	< 0.02	< 0.02
Nickel	7440-02-0			15		12.4	18.5	16.6	17.4	20.6
Potassium	7440-09-7			2400		2170	2100	1200	1050	1960
Selenium	7782-49-2			< 0.25		< 0.25	< 0.25	< 0.24	< 0.24	< 0.25
Silver	7440-22-4			< 1.5		< 1.5	< 0.63	< 0.6	< 0.6	< 0.62
Sodium	7440-23-5			82.7		82.4	186 B	212 B	135 B	211 B
Thallium (Soluble Salts)	7440-28-0			< 5		< 5	< 0.25	< 0.24	< 0.24	< 0.25
Vanadium	NA			28.1		21.9	23.5	14.5	15.8	21.2
Zinc	7440-66-6			51.6		49.4	61.6 E	43.8 E	44.6 E	68.1 E
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 1		< 1		< 0.1	< 0.1	< 0.098	< 0.1
Aroclor 1221	11104-28-2		< 1		< 1		< 0.1	< 0.1	< 0.098	< 0.1
Aroclor 1232	11141-16-5		< 1		< 1		< 0.1	< 0.1	< 0.098	< 0.1
Aroclor 1242	53469-21-9		< 1		< 1		< 0.1	< 0.1	< 0.098	< 0.1
Aroclor 1248	12672-29-6		< 1		< 1		< 0.1	< 0.1	< 0.098	< 0.1
Aroclor 1254	11097-69-1		< 1		< 1		< 0.21	< 0.2	< 0.2	< 0.21
Aroclor 1260	11096-82-5		< 1		< 1		< 0.21	< 0.2	< 0.2	< 0.21
Hydrocarbons										
Diesel Range Organics			< 10		< 10					
Fuel Oil			< 10		< 10					
Gasoline Range Organics			< 10		< 10					
Jet Fuel			< 10		< 10					
Kerosene	8008-20-6		< 10		< 10					
Mineral Spirits	64475-85-0		< 10		< 10					
Motor Oil			< 10		< 10					
Oil and Grease										
TPH (Total)			< 10		< 10					

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA91BH03	TCESA91BH04	TCESA91BH04	TCESA91BH04	TCESA91BH05	TCESA91BH05	TCESA91BH06	TCESA91BH07	TCESA91BH08
		8/7/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	10/4/1991	8/8/1991	8/20/1991
		BHTCE0009108-03-13	BHTCE0009108-04-06	BHTCE0009108-04-09	BHTCE0009108-04-13	BHTCE0009108-05-09	BHTCE0009108-05-14	BHTCE0009110-06-11	BHTCE0009108-07-10	BHTCE0009108-08-14
VOCs										
Acetone	67-64-1	< 1.6	0.024	< 0.012	0.021	< 0.012	< 0.013	< 0.013	< 0.013	0.011 J
Benzene	71-43-2	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Bromodichloromethane	75-27-4	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Bromoform	75-25-2	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Bromomethane	74-83-9	< 1.6	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013
Carbon Disulfide	75-15-0	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Carbon Tetrachloride	56-23-5	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Chlorobenzene	108-90-7	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Chloroethane	75-00-3	< 1.6	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Chloromethane	74-87-3	< 1.6	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013
cis-1,3-Dichloropropene	10061-01-5	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Dibromochloromethane	124-48-1	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	0.003 J	0.005 J
Dichloroethane, 1,2-	107-06-2	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Dichloroethene, 1,1-	75-35-4	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Dichloroethene, 1,2- (Total)	540-59-0	< 0.79	< 0.006	< 0.006	< 0.006	0.002 J	0.002 J	< 0.007	0.007	0.056
Dichloropropane, 1,2-	78-87-5	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Dichloropropene, trans-1,3-	10061-02-6	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Ethylbenzene	100-41-4	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Hexanone, 2-	591-78-6	< 1.6	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 1.6	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 1.6	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013
Methylene Chloride	75-09-2	0.28 J	0.003 J	0.003 J	0.004 J	0.011	0.011	0.014	0.007 B	0.007
Styrene	100-42-5	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Tetrachloroethene	127-18-4	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	0.027	0.004 J
Toluene	108-88-3	< 0.79	< 0.006	0.001 J	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	0.004 J
Trichloroethane, 1,1,1-	71-55-6	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	0.026	0.018
Trichloroethane, 1,1,2-	79-00-5	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	< 0.007	< 0.006	< 0.006
Trichloroethene	79-01-6	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	0.002 J	< 0.007	0.002 J	0.14
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4	< 1.6	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013
Vinyl Chloride	75-01-4	< 1.6	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	0.005 J	< 0.013	< 0.013
Xylenes	1330-20-7	< 0.79	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007	0.002 BJ	< 0.006	< 0.006
Metals and Inorganics										
Aluminum	7429-90-5	8530	12400	7540	9970	16700	11000	11800	11000	18600 *
Antimony	7440-36-0	< 3.7	< 3.6	< 3.6	< 3.8	< 3.6	< 4	< 3.9	< 3.8	< 4
Arsenic	7440-38-2	5.1 N	5.4 WN	1.7 SN	1.5 WN	4.7 N	3.8 N	8.8 N	3.9 N	2.1
Barium	7440-39-3	166 N*	171 N*	239 N*	238 N*	232 N*	159 N*	158	111 N*	250

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA91BH03	TCESA91BH04	TCESA91BH04	TCESA91BH04	TCESA91BH05	TCESA91BH05	TCESA91BH06	TCESA91BH07	TCESA91BH08
		8/7/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	10/4/1991	8/8/1991	8/20/1991
		BHTCE0009108-03-13	BHTCE0009108-04-06	BHTCE0009108-04-09	BHTCE0009108-04-13	BHTCE0009108-05-09	BHTCE0009108-05-14	BHTCE0009110-06-11	BHTCE0009108-07-10	BHTCE0009108-08-14
Beryllium	7440-41-7	0.57 B	0.78	0.77	0.68	0.87	0.72	0.93	0.8	1
Cadmium	7440-43-9	< 0.62	< 0.6	< 0.61	< 0.63	< 0.6	< 0.66	< 0.65	< 0.62	0.82
Calcium	7440-70-2	4870	5330	4990	5260	5440	4950	5300	5290	5160 *
Chromium, Total	7440-47-3	11.6	14.9	10.5	12.9	18.7	14	15.4	14.1	21.1
Cobalt	7440-48-4	8 B	8.8	13.3	12.6	14.1	12.6	6.7	3.1 B	19.1 *
Copper	7440-50-8	14	13.4	12.9	19.5	31.8	16.2	18.4	22.3	17.4 N*
Cyanide	57-12-5									
Iron	7439-89-6	18400 E	15900	13200	18600	23600	19200	18100	16400	247000 *
Lead	7439-92-1	10.7 W	16.4	6.8	7.5	12.8	9.1 W	17.4	13.4	11.4 W
Magnesium	7439-95-4	2380	2190	2100	2720	3150	2830	2920	2630	3780
Manganese	7439-96-5	583	411	1160	1230	693	477	905 *	96.6	1740
Mercury	7439-97-6	0.03	< 0.02	< 0.02	< 0.03	< 0.02	< 0.03	0.06	< 0.02	< 0.03
Nickel	7440-02-0	16.7	15.5	26.2	25.3	19.3	18.1	19.2	13.2	28.6
Potassium	7440-09-7	1300	1280	867	1660	1870	1790	1720	1870	2770
Selenium	7782-49-2	< 0.25	< 0.24	< 0.24	< 0.25	< 0.48	< 0.79	< 0.26	< 0.25	< 0.27
Silver	7440-22-4	< 0.62	0.74 B	< 0.61	< 0.63	< 0.6	< 0.66	< 0.65	< 0.62	< 0.67
Sodium	7440-23-5	158 B	180 B	152 B	179 B	208 B	199 B	140 B	120 B	115
Thallium (Soluble Salts)	7440-28-0	< 0.25	< 0.24	< 0.24	< 0.25	< 0.24	< 0.26	< 0.26	< 0.25	< 0.27
Vanadium	NA	18.4	19.2	17.4	18.5	27.5	19.1	16.8	10.2	34.8 *
Zinc	7440-66-6	46.8 E	48.2	36.5	58.4	65.4	68.2	60.7	56.4	67.1 N
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.1	< 0.096	< 0.1	< 0.1	< 0.097	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1221	11104-28-2	< 0.1	< 0.096	< 0.1	< 0.1	< 0.097	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1232	11141-16-5	< 0.1	< 0.096	< 0.1	< 0.1	< 0.097	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1242	53469-21-9	< 0.1	< 0.096	< 0.1	< 0.1	< 0.097	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1248	12672-29-6	< 0.1	< 0.096	< 0.1	< 0.1	< 0.097	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1254	11097-69-1	< 0.21	< 0.19	< 0.2	< 0.21	< 0.19	< 0.21	< 0.21	< 0.2	< 0.21
Aroclor 1260	11096-82-5	< 0.21	< 0.19	< 0.2	< 0.21	< 0.19	< 0.21	< 0.21	< 0.2	< 0.21
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease										
TPH (Total)									< 5	< 5

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA91BH09	TCESA91BH09	TCESA91BH09	TCESA91BH10	TCESA91BH10	TCESA91BH11	TCESA91BH11	TCESA91BH12	TCESA91BH13
		8/21/1991	8/21/1991	8/21/1991	8/21/1991	8/21/1991	8/21/1991	8/21/1991	8/22/1991	8/22/1991
		BHTCE0009108-09-05	BHTCE0009108-09-10	BHTCE0009108-09-14	BHTCE0009108-10-07	BHTCE0009108-10-07DL	BHTCE0009108-11-07	BHTCE0009108-11-14	BHTCE0009108-12-11	BHTCE0009108-13-04
VOCs										
Acetone	67-64-1	< 0.013	0.012	0.024	< 0.013	< 1.6	< 1.6	< 1.6	0.028	0.017 B
Benzene	71-43-2	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Bromodichloromethane	75-27-4	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Bromoform	75-25-2	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Bromomethane	74-83-9	< 0.013	< 0.01	< 0.013	< 0.013	< 1.6	< 1.6	< 1.6	< 0.013	< 0.012
Carbon Disulfide	75-15-0	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	0.001 J	< 0.006
Carbon Tetrachloride	56-23-5	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Chlorobenzene	108-90-7	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Chloroethane	75-00-3	< 0.013	< 0.01	< 0.013	< 0.013	< 1.6	< 1.6	< 1.6	< 0.013	< 0.012
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Chloromethane	74-87-3	< 0.013	< 0.01	< 0.013	< 0.013	< 1.6	< 1.6	< 1.6	< 0.013	< 0.012
cis-1,3-Dichloropropene	10061-01-5	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Dibromochloromethane	124-48-1	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.006	< 0.005	0.044	0.002 J	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Dichloroethane, 1,2-	107-06-2	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Dichloroethene, 1,1-	75-35-4	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Dichloroethene, 1,2- (Total)	540-59-0	0.013	< 0.005	0.004 J	0.012	< 0.8	1.3	1.2	0.074	< 0.006
Dichloropropane, 1,2-	78-87-5	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Dichloropropene, trans-1,3-	10061-02-6	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Ethylbenzene	100-41-4	< 0.006	< 0.005	< 0.006	0.007	< 0.8	0.73 J	< 0.78	< 0.007	< 0.006
Hexanone, 2-	591-78-6	< 0.013	< 0.01	< 0.013	< 0.013	< 1.6	< 1.6	< 1.6	< 0.013	< 0.012
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.013	< 0.01	< 0.013	< 0.013	< 1.6	< 1.6	< 1.6	< 0.013	0.003 J
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.013	< 0.01	< 0.013	< 0.013	< 1.6	< 1.6	< 1.6	< 0.013	< 0.012
Methylene Chloride	75-09-2	0.007	0.003 J	0.005 J	0.006 BJ	0.19 BJD	< 0.78	0.23 J	0.006 BJ	0.003 BJ
Styrene	100-42-5	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Tetrachloroethene	127-18-4	0.007	< 0.005	< 0.006	0.017	0.19 JD	< 0.78	0.82	< 0.007	< 0.006
Toluene	108-88-3	0.003 J	0.001 J	0.002 J	0.01	< 0.8	4.7	2.3	0.002 J	< 0.006
Trichloroethane, 1,1,1-	71-55-6	0.002 J	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Trichloroethane, 1,1,2-	79-00-5	< 0.006	< 0.005	< 0.006	< 0.006	< 0.8	< 0.78	< 0.78	< 0.007	< 0.006
Trichloroethene	79-01-6	0.002 J	< 0.005	< 0.006	0.009	0.17 JD	< 0.78	< 0.78	< 0.007	< 0.006
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4	< 0.013	< 0.01	< 0.013	< 0.013	< 1.6	< 1.6	< 1.6	< 0.013	< 0.012
Vinyl Chloride	75-01-4	< 0.013	< 0.01	< 0.013	< 0.013	< 1.6	< 1.6	< 1.6	< 0.013	< 0.012
Xylenes	1330-20-7	< 0.006	< 0.005	< 0.006	0.015	< 0.8	3.6 B	2 B	< 0.007	< 0.006
Metals and Inorganics										
Aluminum	7429-90-5	828 *	1090 *	18400 *			12700 *	17700 *	12600 *	
Antimony	7440-36-0	< 3.1	< 3.3	< 3.9			< 4	< 3.7	< 3.8	
Arsenic	7440-38-2	1.5 S	0.94 BW	2.1 S			4.6	5.9	4.5	
Barium	7440-39-3	13.2 B	40.2	185			195	385	241	

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA91BH09	TCESA91BH09	TCESA91BH09	TCESA91BH10	TCESA91BH10	TCESA91BH11	TCESA91BH11	TCESA91BH12	TCESA91BH13
		8/21/1991	8/21/1991	8/21/1991	8/21/1991	8/21/1991	8/21/1991	8/21/1991	8/22/1991	8/22/1991
		BHTCE0009108-09-05	BHTCE0009108-09-10	BHTCE0009108-09-14	BHTCE0009108-10-07	BHTCE0009108-10-07DL	BHTCE0009108-11-07	BHTCE0009108-11-14	BHTCE0009108-12-11	BHTCE0009108-13-04
Beryllium	7440-41-7	0.11 B	< 0.11	1			0.7	1.1	0.73	
Cadmium	7440-43-9	< 0.52	< 0.55	< 0.66			< 0.67	0.9	< 0.64	
Calcium	7440-70-2	3850 *	2700 *	5520 *			4000 *	4870 *	3990 *	
Chromium, Total	7440-47-3	2.4	1.9	21.6			15.7	20.2	15.8	
Cobalt	7440-48-4	3.5 B*	< 2.2	12.2 *			12.4 *	19.8 *	8.3 *	
Copper	7440-50-8	4 N*	14.1 N*	20.7 N*			13 N*	21.5 N*	17.4 N*	
Cyanide	57-12-5			< 1	< 1		< 1	< 1		
Iron	7439-89-6	3030 *	2910 *	24100 *			15200 *	29300 *	19100 *	
Lead	7439-92-1	2.5 S	2.1 +	9.6			13.9	12.2	12	
Magnesium	7439-95-4	812	272 B	3780			2190	3500	2990	
Manganese	7439-96-5	61.1	39.8	714			428	1530	735	
Mercury	7439-97-6	< 0.02	< 0.02	< 0.03			< 0.03	< 0.02	< 0.03	
Nickel	7440-02-0	3.9 B	< 2.2	25.1			17.9	29.5	20.3	
Potassium	7440-09-7	250 B	192 B	2970			2550	2730	2040	
Selenium	7782-49-2	< 0.21	< 0.22	< 0.53			< 0.27	< 0.25	< 0.26	
Silver	7440-22-4	< 0.52	< 0.55	< 0.66			< 0.67	< 0.62	< 0.64	
Sodium	7440-23-5	103 B	46.3 B	89.7 B			111	133 B	< 25.6	
Thallium (Soluble Salts)	7440-28-0	< 0.21	< 0.22	0.32 BW			< 0.27	< 0.25	< 0.26	
Vanadium	NA	3.4 B*	6.8 *	29.4 *			24.2 *	35 *	18.3 *	
Zinc	7440-66-6	23.5 N	14.3 N	75.3 N			57.5 N	71.2 N	79.9 N	
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.081	< 0.083	< 0.1			< 0.1	< 0.1	< 0.1	< 0.097
Aroclor 1221	11104-28-2	< 0.081	< 0.083	< 0.1			< 0.1	< 0.1	< 0.1	< 0.097
Aroclor 1232	11141-16-5	< 0.081	< 0.083	< 0.1			< 0.1	< 0.1	< 0.1	< 0.097
Aroclor 1242	53469-21-9	< 0.081	0.075 JX	0.36 X			0.21 X	0.48 X	< 0.1	0.075 XJ
Aroclor 1248	12672-29-6	< 0.081	< 0.083	< 0.1			< 0.1	< 0.1	< 0.1	< 0.097
Aroclor 1254	11097-69-1	< 0.16	< 0.17	0.59 X			< 0.2	0.48 X	< 0.2	< 0.19
Aroclor 1260	11096-82-5	< 0.16	< 0.17	0.45 X			< 0.2	0.53 X	< 0.2	< 0.19
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease										
TPH (Total)		< 5	< 5	190	680		530	100		

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA91BH13	TCESA91BH13	TCESA91BH13	TCESA91BH13	TCESA91BH14	TCESA91BH15	TCESA91BH15	TCESA91BH15	TCESA92BH01
		8/22/1991	8/22/1991	8/22/1991	8/22/1991	8/23/1991	8/25/1991	8/25/1991	8/25/1991	3/25/1992
		BHTCE0009108-13-09	BHTCE0009108-13-09RE	BHTCE0009108-13-14	BHTCE0009108-13-15	BHTCE0009108-14-14	BHTCE0009108-15-14	BHTCE0009108-15-14DL	BHTCE0009108-15-14DL2	BHTCE0009203-01-13
VOCs										
Acetone	67-64-1	0.017 B	0.04 B	0.019		0.054 B	< 0.013	0.023 JD	0.018 JD	0.008 J
Benzene	71-43-2	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Bromodichloromethane	75-27-4	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Bromoform	75-25-2	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Bromomethane	74-83-9	< 0.013	< 0.013	< 0.013		< 0.013	< 0.013	< 0.066	< 0.066	< 0.013
Carbon Disulfide	75-15-0	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Carbon Tetrachloride	56-23-5	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Chlorobenzene	108-90-7	< 0.006	0.008	0.016		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Chloroethane	75-00-3	< 0.013	< 0.013	< 0.013		< 0.013	< 0.013	< 0.066	< 0.066	< 0.013
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0
Chloromethane	74-87-3	< 0.013	< 0.013	< 0.013		< 0.013	< 0.013	< 0.066	< 0.066	< 0.013
cis-1,3-Dichloropropene	10061-01-5	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Dibromochloromethane	124-48-1	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Dichloroethane, 1,2-	107-06-2	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Dichloroethene, 1,1-	75-35-4	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Dichloroethene, 1,2- (Total)	540-59-0	< 0.006	< 0.006	< 0.007		0.007	1.3 E	0.58 D	0.58 D	0.011
Dichloropropane, 1,2-	78-87-5	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Dichloropropene, trans-1,3-	10061-02-6	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Ethylbenzene	100-41-4	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Hexanone, 2-	591-78-6	< 0.013	< 0.013	< 0.013		< 0.013	< 0.013	< 0.066	< 0.066	< 0.013
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.013	< 0.013	< 0.013		< 0.013	< 0.013	< 0.066	< 0.066	< 0.013
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.013	< 0.013	< 0.013		< 0.013	< 0.013	< 0.066	< 0.066	< 0.013
Methylene Chloride	75-09-2	0.004 BJ	0.004 BJ	0.004 BJ		0.005 BJ	0.003 J	0.036 D	0.02 JD	0.006 BJ
Styrene	100-42-5	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Tetrachloroethene	127-18-4	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Toluene	108-88-3	0.001 J	< 0.006	< 0.007		0.004 J	0.001 J	< 0.033	< 0.033	< 0.006
Trichloroethane, 1,1,1-	71-55-6	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Trichloroethane, 1,1,2-	79-00-5	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Trichloroethene	79-01-6	< 0.006	< 0.006	< 0.007		< 0.007	0.23	0.098 D	0.14 D	0.003 J
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4	< 0.013	< 0.013	< 0.013		< 0.013	< 0.013	< 0.066	< 0.066	< 0.013
Vinyl Chloride	75-01-4	< 0.013	< 0.013	< 0.013		< 0.013	0.06	0.03 JD	0.031 JD	< 0.013
Xylenes	1330-20-7	< 0.006	< 0.006	< 0.007		< 0.007	< 0.007	< 0.033	< 0.033	< 0.006
Metals and Inorganics										
Aluminum	7429-90-5	12500 *		10300 *	13200 *	10100	8230			
Antimony	7440-36-0	< 3.8		< 3.7	< 3.9	< 4	< 3.9			
Arsenic	7440-38-2	5.7		5 W	6.6	9.8 N	< 0.26			
Barium	7440-39-3	197		186	167	238	72.3			

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA91BH13	TCESA91BH13	TCESA91BH13	TCESA91BH13	TCESA91BH14	TCESA91BH15	TCESA91BH15	TCESA91BH15	TCESA92BH01
		8/22/1991	8/22/1991	8/22/1991	8/22/1991	8/23/1991	8/25/1991	8/25/1991	8/25/1991	3/25/1992
		BHTCE0009108-13-09	BHTCE0009108-13-09RE	BHTCE0009108-13-14	BHTCE0009108-13-15	BHTCE0009108-14-14	BHTCE0009108-15-14	BHTCE0009108-15-14DL	BHTCE0009108-15-14DL2	BHTCE0009203-01-13
Beryllium	7440-41-7	0.86		0.76	0.73	0.74	0.48 B			
Cadmium	7440-43-9	< 0.64		< 0.61	< 0.66	< 0.67	< 0.66			
Calcium	7440-70-2	4430 *		4350 *	3990 *	4090	4020 E			
Chromium, Total	7440-47-3	16		13.1	16.6	13.6	11.6			
Cobalt	7440-48-4	13.6 *		7.9 *	8.9 *	8.9	3.3 B			
Copper	7440-50-8	16.8 N*		16 N*	15.6 N*	23.4 *	17.1 *			
Cyanide	57-12-5									
Iron	7439-89-6	20000 *		13600 *	19500 *	21100 *	12200 E*			
Lead	7439-92-1	11.8		13	17.7	14.1	9.1 W			
Magnesium	7439-95-4	3180		2050	3060	2630	2520 E			
Manganese	7439-96-5	500		392	407	739	140 E			
Mercury	7439-97-6	< 0.03		< 0.02	< 0.03	< 0.03	< 0.03			
Nickel	7440-02-0	24.7		15.1	17.7	17.8	14.1			
Potassium	7440-09-7	2090		1350	2000	1530	1460			
Selenium	7782-49-2	< 0.26		< 0.24	< 0.26	< 0.27	< 0.52			
Silver	7440-22-4	< 0.64		< 0.61	< 0.66	< 0.67	< 0.66			
Sodium	7440-23-5	34.4 B		260 B	< 26.2	< 26.7	77.3 B			
Thallium (Soluble Salts)	7440-28-0	< 0.26		< 0.24	< 0.26	< 0.27	< 0.26			
Vanadium	NA	18.7 *		18.2 *	24.3 *	25.6	11.2			
Zinc	7440-66-6	63.4 N		41 N	58 N	88.2 E	44.7 E			
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.1		< 0.1		< 0.11	< 0.11			
Aroclor 1221	11104-28-2	< 0.1		< 0.1		< 0.11	< 0.11			
Aroclor 1232	11141-16-5	< 0.1		< 0.1		< 0.11	< 0.11			
Aroclor 1242	53469-21-9	< 0.1		< 0.1		< 0.11	< 0.11			
Aroclor 1248	12672-29-6	< 0.1		< 0.1		< 0.11	< 0.11			
Aroclor 1254	11097-69-1	< 0.2		< 0.21		< 0.21	< 0.22			
Aroclor 1260	11096-82-5	< 0.2		< 0.21		< 0.21	< 0.22			
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA92BH01	TCESA92BH02	TCESA92BH02	TCESA92BH03	TCESA92BH03	TCESA92BH04	TCESA92BH04	TCESA92BH04	TCESA92BH05
		3/25/1992	3/26/1992	3/26/1992	3/27/1992	3/27/1992	3/28/1992	3/28/1992	3/28/1992	3/28/1992
		BHTCE0009203-01-14	BHTCE0009203-02-11	BHTCE0009203-02-12	BHTCE0009203-03-10	BHTCE0009203-03-11	BHTCE0009203-04-10	BHTCE0009203-04-10DL	BHTCE0009203-04-11	BHTCE0009203-05-10
VOCs										
Acetone	67-64-1		0.004 J		0.019		< 0.013	< 1.6		< 0.013
Benzene	71-43-2		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Bromodichloromethane	75-27-4		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Bromoform	75-25-2		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Bromomethane	74-83-9		< 0.013		< 0.014		< 0.013	< 1.6		< 0.013
Carbon Disulfide	75-15-0		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Carbon Tetrachloride	56-23-5		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Chlorobenzene	108-90-7		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Chloroethane	75-00-3		< 0.013		< 0.014		< 0.013	< 1.6		< 0.013
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Chloromethane	74-87-3		< 0.013		< 0.014		< 0.013	< 1.6		< 0.013
cis-1,3-Dichloropropene	10061-01-5		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Dibromochloromethane	124-48-1		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3		< 0.006		< 0.007		0.002 J	< 0.81		< 0.006
Dichloroethane, 1,2-	107-06-2		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Dichloroethene, 1,1-	75-35-4		< 0.006		< 0.007		0.004 J	< 0.81		< 0.006
Dichloroethene, 1,2- (Total)	540-59-0		< 0.006		0.048		1.5 E	2.3 D		0.017
Dichloropropane, 1,2-	78-87-5		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Dichloropropene, trans-1,3-	10061-02-6		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Ethylbenzene	100-41-4		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Hexanone, 2-	591-78-6		< 0.013		< 0.014		< 0.013	< 1.6		< 0.013
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.013		< 0.014		< 0.013	< 1.6		< 0.013
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.013		< 0.014		< 0.013	< 1.6		< 0.013
Methylene Chloride	75-09-2		0.005 BJ		0.006 BJ		0.007 B	0.36 JD		0.005 BJ
Styrene	100-42-5		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Tetrachloroethene	127-18-4		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Toluene	108-88-3		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Trichloroethane, 1,1,1-	71-55-6		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Trichloroethane, 1,1,2-	79-00-5		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Trichloroethene	79-01-6		< 0.006		0.003 J		1.1 E	2.4 D		0.12
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4		< 0.013		< 0.014		< 0.013	< 1.6		< 0.013
Vinyl Chloride	75-01-4		< 0.013		< 0.014		< 0.013	< 1.6		< 0.013
Xylenes	1330-20-7		< 0.006		< 0.007		< 0.006	< 0.81		< 0.006
Metals and Inorganics										
Aluminum	7429-90-5	17300		12500		17100			11200	
Antimony	7440-36-0	< 3.9		< 3.9		< 3.9			< 3.9	
Arsenic	7440-38-2	4.8		3.1		7.5 S			8 S	
Barium	7440-39-3	242		125		165			314	

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA92BH01	TCESA92BH02	TCESA92BH02	TCESA92BH03	TCESA92BH03	TCESA92BH04	TCESA92BH04	TCESA92BH04	TCESA92BH05
		3/25/1992	3/26/1992	3/26/1992	3/27/1992	3/27/1992	3/28/1992	3/28/1992	3/28/1992	3/28/1992
		BHTCE0009203-01-14	BHTCE0009203-02-11	BHTCE0009203-02-12	BHTCE0009203-03-10	BHTCE0009203-03-11	BHTCE0009203-04-10	BHTCE0009203-04-10DL	BHTCE0009203-04-11	BHTCE0009203-05-10
Beryllium	7440-41-7	0.84		0.76		0.9			0.89	
Cadmium	7440-43-9	1.6		< 0.64		< 0.65			< 0.65	
Calcium	7440-70-2	5400		4800		5070			5000	
Chromium, Total	7440-47-3	19.7		14.3		18			13.7	
Cobalt	7440-48-4	13.9		7.1		8.2			21.3	
Copper	7440-50-8	18.6		17.4		15.4			20.9	
Cyanide	57-12-5									
Iron	7439-89-6	23600		18500		23300			21400	
Lead	7439-92-1	23		9.3 *		12.7			14.4	
Magnesium	7439-95-4	3650		2970		3540			2850	
Manganese	7439-96-5	1540 N		355 N		473 N			1780 N	
Mercury	7439-97-6	0.03		< 0.03		< 0.03			< 0.03	
Nickel	7440-02-0	34.8		15.3		17.3			25.2	
Potassium	7440-09-7	2130		1750		2430			1740	
Selenium	7782-49-2	< 1.3		< 0.26		< 0.26			< 0.52	
Silver	7440-22-4	4.3		< 0.64		< 0.65			< 0.65	
Sodium	7440-23-5	155 B		193 B		194 B			120 B	
Thallium (Soluble Salts)	7440-28-0	0.34 BW		< 0.26		< 0			< 0.26	
Vanadium	NA	27.3		18		26.2			23.9	
Zinc	7440-66-6	72.9		52.9		68.9			63.3	
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.11		< 0.1		< 0.1			< 0.1	
Aroclor 1221	11104-28-2	< 0.11		< 0.1		< 0.1			< 0.1	
Aroclor 1232	11141-16-5	< 0.11		< 0.1		< 0.1			< 0.1	
Aroclor 1242	53469-21-9	< 0.11		< 0.1		< 0.1			< 0.1	
Aroclor 1248	12672-29-6	< 0.11		< 0.1		< 0.1			< 0.1	
Aroclor 1254	11097-69-1	< 0.21		< 0.21		< 0.2			< 0.21	
Aroclor 1260	11096-82-5	< 0.21		< 0.21		< 0.2			< 0.21	
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA92BH05	TCESA92BH06	TCESA92BH06	TCESA92BH07	TCESA92BH07	TCESA92BH07	TCESA92BH08	TCESA92BH08	TCESA92BH09
		3/28/1992	3/31/1992	3/31/1992	4/1/1992	4/1/1992	4/1/1992	6/12/1992	6/12/1992	6/13/1992
		BHTCE0009203-05-11	BHTCE0009203-06-15	BHTCE0009203-06-15DL	BHTCE0009204-07-10	BHTCE0009204-07-11	BHTCE0009204-07-12	BHTCE0009206-08-10	BHTCE0009206-08-11	BHTCE0009206-09-10
VOCs										
Acetone	67-64-1		0.008 J	< 0.026	0.053			0.012 B*		< 0.1
Benzene	71-43-2		< 0.006	< 0.013	< 0.013			< 0.001		< 0.001
Bromodichloromethane	75-27-4		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Bromoform	75-25-2		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Bromomethane	74-83-9		< 0.013	< 0.026	< 0.025			< 0.01		< 0.01
Carbon Disulfide	75-15-0		< 0.006	0.004 JD	0.01 J			< 0.005		< 0.005
Carbon Tetrachloride	56-23-5		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Chlorobenzene	108-90-7		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Chloroethane	75-00-3		< 0.013	< 0.026	< 0.025			< 0.01		< 0.01
Chloroethyl Vinyl Ether, 2-	110-75-8							< 0.01		< 0.01
Chloroform	67-66-3		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Chloromethane	74-87-3		< 0.013	< 0.026	< 0.025			< 0.01		< 0.01
cis-1,3-Dichloropropene	10061-01-5		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Dibromochloromethane	124-48-1		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Dichloroethane, 1,2-	107-06-2		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Dichloroethene, 1,1-	75-35-4		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Dichloroethene, 1,2- (Total)	540-59-0		0.52 E	0.5 E	0.35			< 0.005		< 0.005
Dichloropropane, 1,2-	78-87-5		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Dichloropropene, trans-1,3-	10061-02-6		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Ethylbenzene	100-41-4		< 0.006	< 0.013	0.077			< 0.001		< 0.001
Hexanone, 2-	591-78-6		< 0.013	< 0.026	< 0.025			< 0.05		< 0.05
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.013	< 0.026	< 0.025			< 0.1		< 0.1
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.013	< 0.026	< 0.025			< 0.05		< 0.05
Methylene Chloride	75-09-2		0.006 BJ	0.011 BJD	0.015 B			0.015 B		0.005
Styrene	100-42-5		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Tetrachloroethene	127-18-4		< 0.006	< 0.013	0.27			< 0.005		< 0.005
Toluene	108-88-3		< 0.006	< 0.013	0.021			< 0.001		< 0.001
Trichloroethane, 1,1,1-	71-55-6		< 0.006	< 0.013	0.006 J			< 0.005		< 0.005
Trichloroethane, 1,1,2-	79-00-5		< 0.006	< 0.013	< 0.013			< 0.005		< 0.005
Trichloroethene	79-01-6		0.006 J	0.006 JD	0.3			< 0.005		< 0.005
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4		< 0.013	< 0.026	< 0.025			< 0.05		< 0.05
Vinyl Chloride	75-01-4		0.26 E	0.19 D	< 0.025			< 0.01		< 0.01
Xylenes	1330-20-7		< 0.006	< 0.013	0.12			< 0.001		< 0.001
Metals and Inorganics										
Aluminum	7429-90-5	12700	14800 *			14300 *			15300 N	
Antimony	7440-36-0	< 3.8	< 3.8			< 3.6			< 1.2	
Arsenic	7440-38-2	6.8 W	4			2.8			6.9	
Barium	7440-39-3	208	181			140			166 *	

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA92BH05	TCESA92BH06	TCESA92BH06	TCESA92BH07	TCESA92BH07	TCESA92BH07	TCESA92BH08	TCESA92BH08	TCESA92BH09
		3/28/1992	3/31/1992	3/31/1992	4/1/1992	4/1/1992	4/1/1992	6/12/1992	6/12/1992	6/13/1992
		BHTCE0009203-05-11	BHTCE0009203-06-15	BHTCE0009203-06-15DL	BHTCE0009204-07-10	BHTCE0009204-07-11	BHTCE0009204-07-12	BHTCE0009206-08-10	BHTCE0009206-08-11	BHTCE0009206-09-10
Beryllium	7440-41-7	0.91	0.75			0.71			0.92	
Cadmium	7440-43-9	< 0.64	< 0.64			< 0.61			< 0.12	
Calcium	7440-70-2	4940	3870 *			3900 *			3460 N	
Chromium, Total	7440-47-3	15.3	17.1 N*			16.5 N*			18.5	
Cobalt	7440-48-4	11.6	8.5			3.5 B			6 *	
Copper	7440-50-8	16.4	14.5			14			13.9	
Cyanide	57-12-5									
Iron	7439-89-6	20400	20300 *			18100 *			18400 N	
Lead	7439-92-1	14.3	11.1			17.2			9.5	
Magnesium	7439-95-4	2980	2790 *			3000 *			2780 N	
Manganese	7439-96-5	813 N	450 N			128			266 N*	
Mercury	7439-97-6	< 0.03	< 0.03			< 0.02			0.022	
Nickel	7440-02-0	22.8	20			17.7			14.5 *	
Potassium	7440-09-7	1860	1970 *			2090 *			2360 N	
Selenium	7782-49-2	< 0.26	< 0.26			< 0.24			< 2.4	
Silver	7440-22-4	< 0.64	< 0.64			0.75 B			< 0.5	
Sodium	7440-23-5	123 B	118 B			132 B			96 *	
Thallium (Soluble Salts)	7440-28-0	< 0.26	< 2.6			< 2.4			0.19	
Vanadium	NA	21.7	27.3 *			17.6 *			30.6 *	
Zinc	7440-66-6	56.9	55.4 N			61.4 N			54.8 N	
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.1	< 0.1			< 0.1			< 0.0525	
Aroclor 1221	11104-28-2	< 0.1	< 0.1			< 0.1			< 0.0525	
Aroclor 1232	11141-16-5	< 0.1	< 0.1			< 0.1			< 0.0525	
Aroclor 1242	53469-21-9	< 0.1	< 0.1			0.23 X			< 0.0525	
Aroclor 1248	12672-29-6	< 0.1	< 0.1			< 0.1			< 0.0525	
Aroclor 1254	11097-69-1	< 0.2	< 0.2			< 0.2			< 0.0525	
Aroclor 1260	11096-82-5	< 0.2	< 0.2			< 0.2			< 0.0525	
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease										
TPH (Total)			< 5				14 B	< 16		< 16

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA92BH09	TCESA92BH10	TCESA92BH10	TCESA92BH11	TCESA92BH11	TCESA92BH12	TCESA92BH12	TCESA92TW01	TCESA92TW01
		6/13/1992	6/14/1992	6/14/1992	6/15/1992	6/15/1992	6/17/1992	6/17/1992	6/10/1992	6/10/1992
		BHTCE0009206-09-11	BHTCE0009206-10-10	BHTCE0009206-10-11	BHTCE0009206-11-10	BHTCE0009206-11-11	BHTCE0009206-12-13	BHTCE0009206-12-14	TWTCE0009206-01-10	TWTCE0009206-01-11
VOCs										
Acetone	67-64-1		< 0.1		0.018 *		< 13		0.007 B*	
Benzene	71-43-2		< 0.001		< 0.001		< 0.001		< 0.006	
Bromodichloromethane	75-27-4		< 0.005		< 0.005		< 0.63		< 0.006	
Bromoform	75-25-2		< 0.005		< 0.005		< 0.63		< 0.006	
Bromomethane	74-83-9		< 0.01		< 0.01		< 1.3		< 0.013	
Carbon Disulfide	75-15-0		< 0.005		< 0.005		< 0.63		< 0.006	
Carbon Tetrachloride	56-23-5		< 0.005		< 0.005		< 0.63		< 0.006	
Chlorobenzene	108-90-7		< 0.005		< 0.005		< 0.63		< 0.006	
Chloroethane	75-00-3		< 0.01		< 0.01		< 1.3		< 0.013	
Chloroethyl Vinyl Ether, 2-	110-75-8		< 0.01		< 0.01		< 1.3		< 0.013	
Chloroform	67-66-3		< 0.005		< 0.005		< 0.63		< 0.006	
Chloromethane	74-87-3		< 0.01		< 0.01		< 1.3		< 0.013	
cis-1,3-Dichloropropene	10061-01-5		< 0.005		< 0.005		< 0.63		< 0.006	
Dibromochloromethane	124-48-1		< 0.005		< 0.005		< 0.63		< 0.006	
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3		< 0.005		< 0.005		< 0.63		< 0.006	
Dichloroethane, 1,2-	107-06-2		< 0.005		< 0.005		< 0.63		< 0.006	
Dichloroethene, 1,1-	75-35-4		< 0.005		< 0.005		< 0.63		< 0.006	
Dichloroethene, 1,2- (Total)	540-59-0		< 0.005		< 0.005		0.36 *		< 0.006	
Dichloropropane, 1,2-	78-87-5		< 0.005		< 0.005		< 0.63		< 0.006	
Dichloropropene, trans-1,3-	10061-02-6		< 0.005		< 0.005		< 0.63		< 0.006	
Ethylbenzene	100-41-4		< 0.001		< 0.001		< 0.001		< 0.006	
Hexanone, 2-	591-78-6		< 0.05		< 0.05		< 6.3		< 0.063	
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.1		< 0.1		< 13		< 0.13	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.05		< 0.05		< 6.3		< 0.063	
Methylene Chloride	75-09-2		0.007		0.003 *		1 B		0.007 B	
Styrene	100-42-5		< 0.005		< 0.005		< 0.63		< 0.006	
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.005		< 0.005		< 0.63		< 0.006	
Tetrachloroethene	127-18-4		< 0.005		< 0.005		< 0.63		< 0.006	
Toluene	108-88-3		< 0.001		< 0.001		< 0.001		< 0.006	
Trichloroethane, 1,1,1-	71-55-6		< 0.005		< 0.005		< 0.63		< 0.006	
Trichloroethane, 1,1,2-	79-00-5		< 0.005		< 0.005		< 0.63		< 0.006	
Trichloroethene	79-01-6		< 0.005		< 0.005		1.1		< 0.006	
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4		< 0.05		< 0.05		< 6.3		< 0.063	
Vinyl Chloride	75-01-4		< 0.01		< 0.01		< 1.3		< 0.013	
Xylenes	1330-20-7		< 0.001		< 0.001		< 0.001		< 0.006	
Metals and Inorganics										
Aluminum	7429-90-5	19600 N		19600 N		21000 N		15400 N		15600 N*
Antimony	7440-36-0	< 1.2		< 1.2		< 1.2		2.6		< 1.25
Arsenic	7440-38-2	11.3		37.6		10.3		5.1		5.87 N
Barium	7440-39-3	153 *		424 *		215		154		203

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA92BH09	TCESA92BH10	TCESA92BH10	TCESA92BH11	TCESA92BH11	TCESA92BH12	TCESA92BH12	TCESA92TW01	TCESA92TW01
		6/13/1992	6/14/1992	6/14/1992	6/15/1992	6/15/1992	6/17/1992	6/17/1992	6/10/1992	6/10/1992
		BHTCE0009206-09-11	BHTCE0009206-10-10	BHTCE0009206-10-11	BHTCE0009206-11-10	BHTCE0009206-11-11	BHTCE0009206-12-13	BHTCE0009206-12-14	TWTCE0009206-01-10	TWTCE0009206-01-11
Beryllium	7440-41-7	1.1		1.5		1.1		0.89		0.98
Cadmium	7440-43-9	0.35		0.28		< 0.12		< 0.11		< 0.12
Calcium	7440-70-2	4150 N		5640 N		4330		3150 N		3130 N
Chromium, Total	7440-47-3	24.7		23.7		25.6 B		18.9		19
Cobalt	7440-48-4	5.1 *		17.2 *		11.4		7		10.1
Copper	7440-50-8	27.7		21.3		33		13.1		16.8
Cyanide	57-12-5									
Iron	7439-89-6	21100 N		41700 N		22000 N		17800 N		19900 N
Lead	7439-92-1	18.2		28.4		13.4 B		11.2		14.1 N
Magnesium	7439-95-4	3370 N		3430 N		3610		2890 N		3060 N
Manganese	7439-96-5	356 N*		1320 N*		621 N*		405 N		709
Mercury	7439-97-6	0.024		0.024		0.059		0.083		< 0.02
Nickel	7440-02-0	20.6 *		24.2 *		17.9 *		17.1		19.8
Potassium	7440-09-7	3080 N		2770 N		3090		2370		2390 N
Selenium	7782-49-2	< 2.3		< 2.4		< 2.3		< 2.2		< 0.12
Silver	7440-22-4	< 0.5		< 0.49		< 0.48		< 0.45		< 0.5
Sodium	7440-23-5	177 *		173 *		162 *		101		95.4
Thallium (Soluble Salts)	7440-28-0	0.15		0.25		0.2		0.2		0.19
Vanadium	NA	42.2 *		79.3 *		38.9		30.9		29.6 *
Zinc	7440-66-6	82.9 N		80.9 N		99.1 N		52.9		65.9 N*
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.0519		< 0.0517		< 0.0506		< 0.0462		< 0.08
Aroclor 1221	11104-28-2	< 0.0519		< 0.0517		< 0.0506		< 0.0462		< 0.08
Aroclor 1232	11141-16-5	< 0.0519		< 0.0517		< 0.0506		< 0.0462		< 0.08
Aroclor 1242	53469-21-9	< 0.0519		< 0.0517		< 0.0506		< 0.0462		< 0.08
Aroclor 1248	12672-29-6	< 0.0519		< 0.0517		< 0.0506		< 0.0462		< 0.08
Aroclor 1254	11097-69-1	< 0.0519		< 0.0517		< 0.0506		< 0.0462		< 0.16
Aroclor 1260	11096-82-5	< 0.0519		< 0.0517		< 0.0506		< 0.0462		< 0.16
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease										
TPH (Total)			< 16		< 15		< 14			

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA92TW02	TCESA92TW02	TESTCELL84BH01	TESTCELL84BH01	TESTCELL84BH02	TESTCELL84BH02	TESTCELL84BH03	TESTCELL84BH03	TESTCELL84BH04
		6/10/1992	6/10/1992	3/6/1984	3/6/1984	3/6/1984	3/6/1984	3/6/1984	3/6/1984	3/6/1984
		TWTCE0009206-02-10	TWTCE0009206-02-11	BHTSTCEL8403-01-03	BHTSTCEL8403-01-05	BHTSTCEL8403-02-03	BHTSTCEL8403-02-05	BHTSTCEL8403-03-03	BHTSTCEL8403-03-05	BHTSTCEL8403-04-03
VOCs										
Acetone	67-64-1	0.012 B*								
Benzene	71-43-2	< 0.006								
Bromodichloromethane	75-27-4	< 0.006								
Bromoform	75-25-2	< 0.006								
Bromomethane	74-83-9	< 0.013								
Carbon Disulfide	75-15-0	< 0.006								
Carbon Tetrachloride	56-23-5	< 0.006								
Chlorobenzene	108-90-7	< 0.006								
Chloroethane	75-00-3	< 0.013								
Chloroethyl Vinyl Ether, 2-	110-75-8	< 0.013								
Chloroform	67-66-3	< 0.006		0.076	0.93	0.032	0.036	0.025	0.022	0.028
Chloromethane	74-87-3	< 0.013								
cis-1,3-Dichloropropene	10061-01-5	< 0.006								
Dibromochloromethane	124-48-1	< 0.006								
Dichlorobenzene, 1,2-	95-50-1									
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichloroethane, 1,1-	75-34-3	< 0.006								
Dichloroethane, 1,2-	107-06-2	< 0.006								
Dichloroethene, 1,1-	75-35-4	< 0.006								
Dichloroethene, 1,2- (Total)	540-59-0	< 0.006		0.52	33.2	0.1	2.27	< 0.01	< 0.01	< 0.01
Dichloropropane, 1,2-	78-87-5	< 0.006								
Dichloropropene, trans-1,3-	10061-02-6	< 0.006								
Ethylbenzene	100-41-4	< 0.006								
Hexanone, 2-	591-78-6	< 0.064								
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.13								
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.064								
Methylene Chloride	75-09-2	0.006 B								
Styrene	100-42-5	< 0.006								
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.006								
Tetrachloroethene	127-18-4	< 0.006								
Toluene	108-88-3	< 0.006								
Trichloroethane, 1,1,1-	71-55-6	< 0.006		< 0.05	3.24	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.006								
Trichloroethene	79-01-6	< 0.006		28.4	500	1.18	1.69	< 0.01	< 0.01	0.041
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4	< 0.064								
Vinyl Chloride	75-01-4	< 0.013								
Xylenes	1330-20-7	< 0.006								
Metals and Inorganics										
Aluminum	7429-90-5		10800 N*							
Antimony	7440-36-0		< 1.28							
Arsenic	7440-38-2		6.62 N							
Barium	7440-39-3		170							

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TCESA92TW02	TCESA92TW02	TESTCELL84BH01	TESTCELL84BH01	TESTCELL84BH02	TESTCELL84BH02	TESTCELL84BH03	TESTCELL84BH03	TESTCELL84BH04
		6/10/1992	6/10/1992	3/6/1984	3/6/1984	3/6/1984	3/6/1984	3/6/1984	3/6/1984	3/6/1984
		TWTCE0009206-02-10	TWTCE0009206-02-11	BHTSTCEL8403-01-03	BHTSTCEL8403-01-05	BHTSTCEL8403-02-03	BHTSTCEL8403-02-05	BHTSTCEL8403-03-03	BHTSTCEL8403-03-05	BHTSTCEL8403-04-03
Beryllium	7440-41-7		0.86							
Cadmium	7440-43-9		< 0.12							
Calcium	7440-70-2		4260 N							
Chromium, Total	7440-47-3		15							
Cobalt	7440-48-4		8.09							
Copper	7440-50-8		22.4							
Cyanide	57-12-5									
Iron	7439-89-6		18200 N							
Lead	7439-92-1		14.4 N							
Magnesium	7439-95-4		2560 N							
Manganese	7439-96-5		560							
Mercury	7439-97-6		< 0.02							
Nickel	7440-02-0		18.8							
Potassium	7440-09-7		1960 N							
Selenium	7782-49-2		< 0.12							
Silver	7440-22-4		< 0.52							
Sodium	7440-23-5		139							
Thallium (Soluble Salts)	7440-28-0		0.22							
Vanadium	NA		23.8 *							
Zinc	7440-66-6		65.3 N*							
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 0.08	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2		< 0.08	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	11141-16-5		< 0.08	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9		< 0.08	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6		< 0.08	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1		< 0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5		< 0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
Diesel Range Organics										
Fuel Oil										
Gasoline Range Organics										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TESTCELL84BH04 3/6/1984 BHTSTCEL8403-04-05	TESTCELL84BH05 3/6/1984 BHTSTCEL8403-05-03
VOCs			
Acetone	67-64-1		
Benzene	71-43-2		
Bromodichloromethane	75-27-4		
Bromoform	75-25-2		
Bromomethane	74-83-9		
Carbon Disulfide	75-15-0		
Carbon Tetrachloride	56-23-5		
Chlorobenzene	108-90-7		
Chloroethane	75-00-3		
Chloroethyl Vinyl Ether, 2-	110-75-8		
Chloroform	67-66-3	0.024	< 0.01
Chloromethane	74-87-3		
cis-1,3-Dichloropropene	10061-01-5		
Dibromochloromethane	124-48-1		
Dichlorobenzene, 1,2-	95-50-1		
Dichlorobenzene, 1,3-	541-73-1		
Dichlorobenzene, 1,4-	106-46-7		
Dichloroethane, 1,1-	75-34-3		
Dichloroethane, 1,2-	107-06-2		
Dichloroethene, 1,1-	75-35-4		
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01
Dichloropropane, 1,2-	78-87-5		
Dichloropropene, trans-1,3-	10061-02-6		
Ethylbenzene	100-41-4		
Hexanone, 2-	591-78-6		
Methyl Ethyl Ketone (2-Butanone)	78-93-3		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		
Methylene Chloride	75-09-2		
Styrene	100-42-5		
Tetrachloroethane, 1,1,2,2-	79-34-5		
Tetrachloroethene	127-18-4		
Toluene	108-88-3		
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5		
Trichloroethene	79-01-6	< 0.01	0.013
Trichlorofluoromethane	75-69-4		
Trichlorotrifluoroethane, 1,1,2-			
Vinyl Acetate	108-05-4		
Vinyl Chloride	75-01-4		
Xylenes	1330-20-7		
Metals and Inorganics			
Aluminum	7429-90-5		
Antimony	7440-36-0		
Arsenic	7440-38-2		
Barium	7440-39-3		

Table A-7
Comparison of Subsurface Soil Data to Human Health Screening Criteria (OHL-, RR-, ST2R-, TCE-, TEST-)
Bannister Federal Complex

Chemical	CAS	TESTCELL84BH04	TESTCELL84BH05
		3/6/1984	3/6/1984
		BHTSTCEL8403-04-05	BHTSTCEL8403-05-03
Beryllium	7440-41-7		
Cadmium	7440-43-9		
Calcium	7440-70-2		
Chromium, Total	7440-47-3		
Cobalt	7440-48-4		
Copper	7440-50-8		
Cyanide	57-12-5		
Iron	7439-89-6		
Lead	7439-92-1		
Magnesium	7439-95-4		
Manganese	7439-96-5		
Mercury	7439-97-6		
Nickel	7440-02-0		
Potassium	7440-09-7		
Selenium	7782-49-2		
Silver	7440-22-4		
Sodium	7440-23-5		
Thallium (Soluble Salts)	7440-28-0		
Vanadium	NA		
Zinc	7440-66-6		
PCBs and Dioxins			
Aroclor 1016	12674-11-2	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1
Aroclor 1232	11141-16-5	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1
Hydrocarbons			
Diesel Range Organics			
Fuel Oil			
Gasoline Range Organics			
Jet Fuel			
Kerosene	8008-20-6		
Mineral Spirits	64475-85-0		
Motor Oil			
Oil and Grease			
TPH (Total)			

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH01	PLB88BH01	PLB88BH02	PLB88BH02	PLB88BH02	PLB88BH04	PLB88BH04	PLB88BH05	PLB88BH05
		6/29/1988	6/29/1988	6/29/1988	6/29/1988	6/29/1988	6/28/1988	6/28/1988	6/28/1988	6/28/1988
		BHPLB0008806-01-03	BHPLB0008806-01-06	BHPLB0008806-02-03	BHPLB0008806-02-06	BHPLB0008806-02-09	BHPLB0008806-04-03	BHPLB0008806-04-06	BHPLB0008806-05-03	BHPLB0008806-05-06
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Dichlorobutane, 1,4-	110-56-5									
Metals and Inorganics										
Arsenic	7440-38-2	11.8	7.93	4.56	3.39	2.98	1.66	2.52	2.19	3.74
Barium	7440-39-3	64.9	63.3	144	144	156	181	146	180	136
Cadmium	7440-43-9	***2.66***	***3.08***	***4.46***	***3.78***	***2.86***	***2.69***	***2.9***	***3.81***	***3.81***
Chromium, Total	7440-47-3	9.4	20.9	25.6	15.9	17.8	12.7	13.6	9.7	20.2
Cyanide	57-12-5	0.1	0.33	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Lead	7439-92-1	***11.7***	***14.8***	***23***	***14.8***	***17***	***11.2***	10.1	***13.5***	***11.7***

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH01	PLB88BH01	PLB88BH02	PLB88BH02	PLB88BH02	PLB88BH04	PLB88BH04	PLB88BH05	PLB88BH05
		6/29/1988	6/29/1988	6/29/1988	6/29/1988	6/29/1988	6/28/1988	6/28/1988	6/28/1988	6/28/1988
		BHPLB0008806-01-03	BHPLB0008806-01-06	BHPLB0008806-02-03	BHPLB0008806-02-06	BHPLB0008806-02-09	BHPLB0008806-04-03	BHPLB0008806-04-06	BHPLB0008806-05-03	BHPLB0008806-05-06
Mercury	7439-97-6	0.026	0.028	0.04	0.04	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Selenium	7782-49-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Silver	7440-22-4	0.52	0.94	0.5	0.4	1.28	0.27	0.3	0.27	0.32
PCBs and Dioxins										
Aroclor 1232	11141-16-5	< 0.16	< 0.16	< 0.16	< 0.16		< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	< 0.16	< 0.16	< 0.16	< 0.16		< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1248	12672-29-6	< 0.16	0.35	< 0.16	< 0.16		< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1	< 0.08	< 0.08	< 0.08	< 0.08		< 0.08	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5	< 0.08	< 0.08	< 0.08	< 0.08		< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH06	PLB88BH06	PLB88BH08	PLB88BH08	PLB88BH08	PLB88BH08	PLB88BH08	PLB88BH09	PLB88BH09
		6/28/1988	6/28/1988	7/1/1988	7/1/1988	7/1/1988	7/1/1988	7/1/1988	7/5/1988	7/5/1988
		BHPLB0008806-06-03	BHPLB0008806-06-06	BHPLB0008807-08-03	BHPLB0008807-08-06	BHPLB0008807-08-09	BHPLB0008807-08-12	BHPLB0008807-08-15	BHPLB0008807-09-03	BHPLB0008807-09-06
VOCs										
Acetone	67-64-1								< 1	< 1
Benzene	71-43-2								< 1	< 1
Bromodichloromethane	75-27-4								< 1	< 1
Bromoform	75-25-2								< 1	< 1
Bromomethane	74-83-9								< 1	< 1
Carbon Disulfide	75-15-0								< 1	< 1
Carbon Tetrachloride	56-23-5								< 1	< 1
Chlorobenzene	108-90-7								< 1	< 1
Chloroethane	75-00-3								< 1	< 1
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3								< 1	< 1
Chloromethane	74-87-3								< 1	< 1
cis-1,3-Dichloropropene	10061-01-5								< 1	< 1
Dibromochloromethane	124-48-1								< 1	< 1
Dichloroethane, 1,1-	75-34-3								< 1	< 1
Dichloroethane, 1,2-	107-06-2								< 1	< 1
Dichloroethene, 1,1-	75-35-4								< 1	< 1
Dichloroethene, 1,2- (Total)	540-59-0								< 1	< 1
Dichloropropane, 1,2-	78-87-5								< 1	< 1
Dichloropropene, trans-1,3-	10061-02-6								< 1	< 1
Ethylbenzene	100-41-4								< 1	< 1
Hexanone, 2-	591-78-6								< 1	< 1
Methyl Ethyl Ketone (2-Butanone)	78-93-3								< 1	< 1
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1								< 1	< 1
Methylene Chloride	75-09-2								< 1	< 1
Styrene	100-42-5								< 1	< 1
Tetrachloroethane, 1,1,2,2-	79-34-5								< 1	< 1
Tetrachloroethene	127-18-4								< 1	< 1
Toluene	108-88-3								< 1	< 1
Trichloroethane, 1,1,1-	71-55-6								< 1	< 1
Trichloroethane, 1,1,2-	79-00-5								< 1	< 1
Trichloroethene	79-01-6								< 1	< 1
Trichlorofluoromethane	75-69-4									
Vinyl Acetate	108-05-4								< 1	< 1
Vinyl Chloride	75-01-4								< 1	< 1
Xylenes	1330-20-7								< 1	< 1
SVOCs										
Dichlorobutane, 1,4-	110-56-5									
Metals and Inorganics										
Arsenic	7440-38-2	2.16	4.11	1.52	4.32				3.7	3.33
Barium	7440-39-3	156	135	24.2	121				138	147
Cadmium	7440-43-9	***3.78***	***2.67***	***0.9***	***2.8***				***3***	***3.7***
Chromium, Total	7440-47-3	19.5	13.1	3.6	17				16	16
Cyanide	57-12-5	< 0.1	< 0.1	< 0.1	< 0.1				< 0.1	< 0.1
Lead	7439-92-1	***12***	11	3.1	***14.3***				***16***	***22.8***

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH06	PLB88BH06	PLB88BH08	PLB88BH08	PLB88BH08	PLB88BH08	PLB88BH08	PLB88BH09	PLB88BH09
		6/28/1988	6/28/1988	7/1/1988	7/1/1988	7/1/1988	7/1/1988	7/1/1988	7/5/1988	7/5/1988
		BHPLB0008806-06-03	BHPLB0008806-06-06	BHPLB0008807-08-03	BHPLB0008807-08-06	BHPLB0008807-08-09	BHPLB0008807-08-12	BHPLB0008807-08-15	BHPLB0008807-09-03	BHPLB0008807-09-06
Mercury	7439-97-6	< 0.02	< 0.02	< 0.02	< 0.02				< 0.02	< 0.02
Selenium	7782-49-2	< 0.1	< 0.1	< 0.1	< 0.1				< 0.1	< 0.1
Silver	7440-22-4	0.3	0.46	< 0.5	< 0.5				0.5	< 0.5
PCBs and Dioxins										
Aroclor 1232	11141-16-5	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	< 0.16	< 0.16	< 0.16	< 0.16	47.5	128	8.58	0.9	0.4
Aroclor 1248	12672-29-6	< 0.16	< 0.16	3120	940	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH09	PLB88BH10	PLB88BH10	PLB88BH10	PLB88BH11	PLB88BH11	PLB88BH12	PLB88BH12	PLB88BH12
		7/5/1988	7/5/1988	7/5/1988	7/5/1988	7/6/1988	7/6/1988	7/1/1988	7/1/1988	7/1/1988
		BHPLB0008807-09-09	BHPLB0008807-10-03	BHPLB0008807-10-06	BHPLB0008807-10-12	BHPLB0008807-11-03	BHPLB0008807-11-06	BHPLB0008807-12-03	BHPLB0008807-12-06	BHPLB0008807-12-09
VOCs										
Acetone	67-64-1	< 1								
Benzene	71-43-2	< 1								
Bromodichloromethane	75-27-4	< 1								
Bromoform	75-25-2	< 1								
Bromomethane	74-83-9	< 1								
Carbon Disulfide	75-15-0	< 1								
Carbon Tetrachloride	56-23-5	< 1								
Chlorobenzene	108-90-7	< 1								
Chloroethane	75-00-3	< 1								
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3	< 1								
Chloromethane	74-87-3	< 1								
cis-1,3-Dichloropropene	10061-01-5	< 1								
Dibromochloromethane	124-48-1	< 1								
Dichloroethane, 1,1-	75-34-3	< 1								
Dichloroethane, 1,2-	107-06-2	< 1								
Dichloroethene, 1,1-	75-35-4	< 1								
Dichloroethene, 1,2- (Total)	540-59-0	< 1								
Dichloropropane, 1,2-	78-87-5	< 1								
Dichloropropene, trans-1,3-	10061-02-6	< 1								
Ethylbenzene	100-41-4	< 1								
Hexanone, 2-	591-78-6	< 1								
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 1								
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 1								
Methylene Chloride	75-09-2	< 1								
Styrene	100-42-5	< 1								
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1								
Tetrachloroethene	127-18-4	< 1								
Toluene	108-88-3	< 1								
Trichloroethane, 1,1,1-	71-55-6	< 1								
Trichloroethane, 1,1,2-	79-00-5	< 1								
Trichloroethene	79-01-6	< 1								
Trichlorofluoromethane	75-69-4									
Vinyl Acetate	108-05-4	< 1								
Vinyl Chloride	75-01-4	< 1								
Xylenes	1330-20-7	< 1								
SVOCs										
Dichlorobutane, 1,4-	110-56-5									
Metals and Inorganics										
Arsenic	7440-38-2	2.73	4.1	3.86		1.94	2	3.44	3.03	
Barium	7440-39-3	127	141	134		145	165	137	145	
Cadmium	7440-43-9	***4***	***3.5***	***3.7***		***3.42***	***4.5***	***3***	***4.4***	
Chromium, Total	7440-47-3	17.5	14	16.2		16.6	22	20.7	***26.2***	
Cyanide	57-12-5	< 0.1	< 0.1	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	
Lead	7439-92-1	***11.9***	9.96	8.92		***19***	***19***	***25.5***	***18.1***	

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH09	PLB88BH10	PLB88BH10	PLB88BH10	PLB88BH11	PLB88BH11	PLB88BH12	PLB88BH12	PLB88BH12
		7/5/1988	7/5/1988	7/5/1988	7/5/1988	7/6/1988	7/6/1988	7/1/1988	7/1/1988	7/1/1988
		BHPLB0008807-09-09	BHPLB0008807-10-03	BHPLB0008807-10-06	BHPLB0008807-10-12	BHPLB0008807-11-03	BHPLB0008807-11-06	BHPLB0008807-12-03	BHPLB0008807-12-06	BHPLB0008807-12-09
Mercury	7439-97-6	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	
Selenium	7782-49-2	< 0.1	< 0.1	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	
Silver	7440-22-4	< 0.5	1.09	0.6		1.47	0.5	1.47	0.89	
PCBs and Dioxins										
Aroclor 1232	11141-16-5	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	275
Aroclor 1248	12672-29-6	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	205	113	< 0.16
Aroclor 1254	11097-69-1	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH12	PLB88BH12	PLB88BH12	PLB88BH13	PLB88BH13	PLB88BH13	PLB88BH14	PLB88BH14	PLB88BH14
		7/1/1988	7/1/1988	7/1/1988	7/6/1988	7/6/1988	7/6/1988	7/12/1988	7/12/1988	7/12/1988
		BHPLB0008807-12-10	BHPLB0008807-12-12	BHPLB0008807-12-15	BHPLB0008807-13-03	BHPLB0008807-13-03R	BHPLB0008807-13-06R	BHPLB0008807-14-03	BHPLB0008807-14-06	BHPLB0008807-14-09
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									< 1
Bromodichloromethane	75-27-4									< 1
Bromoform	75-25-2									< 1
Bromomethane	74-83-9									< 1
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									< 1
Chlorobenzene	108-90-7									< 1
Chloroethane	75-00-3									< 1
Chloroethyl Vinyl Ether, 2-	110-75-8									< 1
Chloroform	67-66-3									< 1
Chloromethane	74-87-3									< 1
cis-1,3-Dichloropropene	10061-01-5									< 1
Dibromochloromethane	124-48-1									< 1
Dichloroethane, 1,1-	75-34-3									< 1
Dichloroethane, 1,2-	107-06-2									< 1
Dichloroethene, 1,1-	75-35-4									< 1
Dichloroethene, 1,2- (Total)	540-59-0									< 1
Dichloropropane, 1,2-	78-87-5									< 1
Dichloropropene, trans-1,3-	10061-02-6									< 1
Ethylbenzene	100-41-4									< 1
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									< 1
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									< 1
Tetrachloroethene	127-18-4									< 1
Toluene	108-88-3									< 1
Trichloroethane, 1,1,1-	71-55-6									< 1
Trichloroethane, 1,1,2-	79-00-5									< 1
Trichloroethene	79-01-6									< 1
Trichlorofluoromethane	75-69-4									< 1
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									< 1
Xylenes	1330-20-7									
SVOCs										
Dichlorobutane, 1,4-	110-56-5									< 1
Metals and Inorganics										
Arsenic	7440-38-2				3.19	2.65	1.48	2.59	2.68	2.59
Barium	7440-39-3				171	169	99.8	153	171	172
Cadmium	7440-43-9				***5.2***	***4.4***	***3.3***	***4.7***	***6.1***	***6.9***
Chromium, Total	7440-47-3				***28.7***	21.2	18.3	20.4	25.2	25.1
Cyanide	57-12-5				< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Lead	7439-92-1				***21.8***	9.98	6.85	***17.4***	***23.5***	***23***

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH12	PLB88BH12	PLB88BH12	PLB88BH13	PLB88BH13	PLB88BH13	PLB88BH14	PLB88BH14	PLB88BH14
		7/1/1988	7/1/1988	7/1/1988	7/6/1988	7/6/1988	7/6/1988	7/12/1988	7/12/1988	7/12/1988
		BHPLB0008807-12-10	BHPLB0008807-12-12	BHPLB0008807-12-15	BHPLB0008807-13-03	BHPLB0008807-13-03R	BHPLB0008807-13-06R	BHPLB0008807-14-03	BHPLB0008807-14-06	BHPLB0008807-14-09
Mercury	7439-97-6				< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Selenium	7782-49-2				< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Silver	7440-22-4				1.28	< 0.5	< 0.5	0.55	0.88	1
PCBs and Dioxins										
Aroclor 1232	11141-16-5		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9		2.85	20	0.25	< 0.16	< 0.16	< 0.16	0.18	0.16
Aroclor 1248	12672-29-6		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1		< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	0.42	0.718
Aroclor 1260	11096-82-5		< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)		745								

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH15	PLB88BH15	PLB88BH15	PLB88BH15	PLB88BH16	PLB88BH16	PLB88BH17	PLB88BH17	PLB88BH18
		7/11/1988	7/11/1988	7/11/1988	7/11/1988	7/11/1988	7/11/1988	7/7/1988	7/7/1988	7/8/1988
		BHPLB0008807-15-03	BHPLB0008807-15-06	BHPLB0008807-15-12	BHPLB0008807-15-15	BHPLB0008807-16-03	BHPLB0008807-16-06	BHPLB0008807-17-03	BHPLB0008807-17-06	BHPLB0008807-18-03
VOCs										
Acetone	67-64-1									
Benzene	71-43-2				< 1					
Bromodichloromethane	75-27-4				< 1					
Bromoform	75-25-2				< 1					
Bromomethane	74-83-9				< 1					
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5				< 1					
Chlorobenzene	108-90-7				< 1					
Chloroethane	75-00-3				< 1					
Chloroethyl Vinyl Ether, 2-	110-75-8				< 1					
Chloroform	67-66-3				< 1					
Chloromethane	74-87-3				< 1					
cis-1,3-Dichloropropene	10061-01-5				< 1					
Dibromochloromethane	124-48-1				< 1					
Dichloroethane, 1,1-	75-34-3				< 1					
Dichloroethane, 1,2-	107-06-2				< 1					
Dichloroethene, 1,1-	75-35-4				< 1					
Dichloroethene, 1,2- (Total)	540-59-0				< 1					
Dichloropropane, 1,2-	78-87-5				< 1					
Dichloropropene, trans-1,3-	10061-02-6				< 1					
Ethylbenzene	100-41-4				< 1					
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2				< 1					
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5				< 1					
Tetrachloroethene	127-18-4				< 1					
Toluene	108-88-3				< 1					
Trichloroethane, 1,1,1-	71-55-6				< 1					
Trichloroethane, 1,1,2-	79-00-5				< 1					
Trichloroethene	79-01-6				3.53					
Trichlorofluoromethane	75-69-4				< 1					
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4				< 1					
Xylenes	1330-20-7									
SVOCs										
Dichlorobutane, 1,4-	110-56-5				< 1					
Metals and Inorganics										
Arsenic	7440-38-2	2.31	3.48		6.99	7.96	7.51	1.58	2.17	2.17
Barium	7440-39-3	122	144		205	160	216	50.2	72.3	72.3
Cadmium	7440-43-9	***6.71***	***4.23***		***2.73***	***3.39***	***3.14***	***13.1***	***28.4***	***28.4***
Chromium, Total	7440-47-3	***158***	***68***		17	17	22	6	14	14
Cyanide	57-12-5	0.18	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Lead	7439-92-1	***12.8***	***19***		***14.1***	***12.3***	***13.1***	***39.8***	***17.7***	***17.7***

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH15	PLB88BH15	PLB88BH15	PLB88BH15	PLB88BH16	PLB88BH16	PLB88BH17	PLB88BH17	PLB88BH18
		7/11/1988	7/11/1988	7/11/1988	7/11/1988	7/11/1988	7/11/1988	7/7/1988	7/7/1988	7/8/1988
		BHPLB0008807-15-03	BHPLB0008807-15-06	BHPLB0008807-15-12	BHPLB0008807-15-15	BHPLB0008807-16-03	BHPLB0008807-16-06	BHPLB0008807-17-03	BHPLB0008807-17-06	BHPLB0008807-18-03
Mercury	7439-97-6	0.043	0.026		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Selenium	7782-49-2	< 0.1	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Silver	7440-22-4	0.6	0.55		0.6	0.6	0.5	0.3	0.49	0.49
PCBs and Dioxins										
Aroclor 1232	11141-16-5	< 0.16	< 0.16		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	< 0.16	< 0.16		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1248	12672-29-6	< 0.16	< 0.16		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1	< 0.08	< 0.08		< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5	< 0.08	< 0.08		< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)				156	77					

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH18	PLB88BH18	PLB88BH19	PLB88BH19	PLB88BH20	PLB88BH20	PLB88BH21	PLB88BH21	PLB88BH21
		7/8/1988	7/8/1988	7/8/1988	7/8/1988	7/7/1988	7/7/1988	6/30/1988	6/30/1988	6/30/1988
		BHPLB0008807-18-06	BHPLB0008807-18-09	BHPLB0008807-19-03	BHPLB0008807-19-06	BHPLB0008807-20-03	BHPLB0008807-20-06	BHPLB0008806-21-03	BHPLB0008806-21-06	BHPLB0008806-21-09
VOCs										
Acetone	67-64-1		< 1							
Benzene	71-43-2		< 1							
Bromodichloromethane	75-27-4		< 1							
Bromoform	75-25-2		< 1							
Bromomethane	74-83-9		< 1							
Carbon Disulfide	75-15-0		< 1							
Carbon Tetrachloride	56-23-5		< 1							
Chlorobenzene	108-90-7		< 1							
Chloroethane	75-00-3		< 1							
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3		< 1							
Chloromethane	74-87-3		< 1							
cis-1,3-Dichloropropene	10061-01-5		< 1							
Dibromochloromethane	124-48-1		< 1							
Dichloroethane, 1,1-	75-34-3		< 1							
Dichloroethane, 1,2-	107-06-2		< 1							
Dichloroethene, 1,1-	75-35-4		< 1							
Dichloroethene, 1,2- (Total)	540-59-0		< 1							
Dichloropropane, 1,2-	78-87-5		< 1							
Dichloropropene, trans-1,3-	10061-02-6		< 1							
Ethylbenzene	100-41-4		< 1							
Hexanone, 2-	591-78-6		< 1							
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 1							
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 1							
Methylene Chloride	75-09-2		< 1							
Styrene	100-42-5		< 1							
Tetrachloroethane, 1,1,2,2-	79-34-5		< 1							
Tetrachloroethene	127-18-4		< 1							
Toluene	108-88-3		< 1							
Trichloroethane, 1,1,1-	71-55-6		< 1							
Trichloroethane, 1,1,2-	79-00-5		< 1							
Trichloroethene	79-01-6		< 1							
Trichlorofluoromethane	75-69-4									
Vinyl Acetate	108-05-4		< 1							
Vinyl Chloride	75-01-4		< 1							
Xylenes	1330-20-7		< 1							
SVOCs										
Dichlorobutane, 1,4-	110-56-5									
Metals and Inorganics										
Arsenic	7440-38-2	2.62	3.37	13.4	12.6	3.83	2.12	2.34	4.77	
Barium	7440-39-3	203	146	163	154	122	109	162	119	
Cadmium	7440-43-9	***4.46***	***4.61***	***3.4***	***4.3***	***3.7***	***3.7***	***3.9***	***4.8***	
Chromium, Total	7440-47-3	21.5	22.3	19.3	19.5	23	23	24	23	
Cyanide	57-12-5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
Lead	7439-92-1	***17***	9.94	***25.1***	***19***	***11.4***	***14.4***	***14.9***	***15.4***	

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH18	PLB88BH18	PLB88BH19	PLB88BH19	PLB88BH20	PLB88BH20	PLB88BH21	PLB88BH21	PLB88BH21
		7/8/1988	7/8/1988	7/8/1988	7/8/1988	7/7/1988	7/7/1988	6/30/1988	6/30/1988	6/30/1988
		BHPLB0008807-18-06	BHPLB0008807-18-09	BHPLB0008807-19-03	BHPLB0008807-19-06	BHPLB0008807-20-03	BHPLB0008807-20-06	BHPLB0008806-21-03	BHPLB0008806-21-06	BHPLB0008806-21-09
Mercury	7439-97-6	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Selenium	7782-49-2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
Silver	7440-22-4	0.5	0.4	0.6	0.5	0.5	0.54	< 0.5	1.4	
PCBs and Dioxins										
Aroclor 1232	11141-16-5	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	0.81	< 0.16
Aroclor 1242	53469-21-9	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	15.9
Aroclor 1248	12672-29-6	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)			94							

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH21	PLB88BH21	PLB88BH22	PLB88BH22	PLB88BH22	PLB88BH22	PLB88BH22	PLB88BH23	PLB88BH23
		6/30/1988	6/30/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988
		BHPLB0008806-21-12	BHPLB0008806-21-15	BHPLB0008809-22-03	BHPLB0008809-22-06	BHPLB0008809-22-09	BHPLB0008809-22-12	BHPLB0008809-22-15	BHPLB0008809-23-03	BHPLB0008809-23-06
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Dichlorobutane, 1,4-	110-56-5									
Metals and Inorganics										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cyanide	57-12-5									
Lead	7439-92-1									

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH21	PLB88BH21	PLB88BH22	PLB88BH22	PLB88BH22	PLB88BH22	PLB88BH22	PLB88BH23	PLB88BH23
		6/30/1988	6/30/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988
		BHPLB0008806-21-12	BHPLB0008806-21-15	BHPLB0008809-22-03	BHPLB0008809-22-06	BHPLB0008809-22-09	BHPLB0008809-22-12	BHPLB0008809-22-15	BHPLB0008809-23-03	BHPLB0008809-23-06
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									
PCBs and Dioxins										
Aroclor 1232	11141-16-5			< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	242	166	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	0.4
Aroclor 1248	12672-29-6			< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1			< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5			< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH23	PLB88BH23	PLB88BH23	PLB88BH24	PLB88BH24	PLB88BH24	PLB88BH24	PLB88BH24	PLB88BH25
		9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988
		BHPLB0008809-23-09	BHPLB0008809-23-12	BHPLB0008809-23-15	BHPLB0008809-24-03	BHPLB0008809-24-06	BHPLB0008809-24-09	BHPLB0008809-24-12	BHPLB0008809-24-15	BHPLB0008809-25-03
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Dichlorobutane, 1,4-	110-56-5									
Metals and Inorganics										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cyanide	57-12-5				< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
Lead	7439-92-1									

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH23	PLB88BH23	PLB88BH23	PLB88BH24	PLB88BH24	PLB88BH24	PLB88BH24	PLB88BH24	PLB88BH25
		9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988
		BHPLB0008809-23-09	BHPLB0008809-23-12	BHPLB0008809-23-15	BHPLB0008809-24-03	BHPLB0008809-24-06	BHPLB0008809-24-09	BHPLB0008809-24-12	BHPLB0008809-24-15	BHPLB0008809-25-03
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									
PCBs and Dioxins										
Aroclor 1232	11141-16-5	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	< 0.16	< 0.16	< 0.16	133	2.5	2.4	1.3	0.33	2.8
Aroclor 1248	12672-29-6	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1	< 0.08	< 0.08	< 0.08	25	< 0.08	< 0.08	< 0.08	< 0.08	0.87
Aroclor 1260	11096-82-5	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)										130

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH26	PLB88BH26	PLB88BH26	PLB88BH27	PLB88BH27	PLB88BH27	PLB88BH27	PLB88BH27	PLB88BH28
		9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/8/1988
		BHPLB0008809-26-06	BHPLB0008809-26-11	BHPLB0008809-26-15	BHPLB0008809-27-03	BHPLB0008809-27-06	BHPLB0008809-27-09	BHPLB0008809-27-12	BHPLB0008809-27-15	BHPLB0008809-28-03
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Dichlorobutane, 1,4-	110-56-5									
Metals and Inorganics										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cyanide	57-12-5									
Lead	7439-92-1									

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH26	PLB88BH26	PLB88BH26	PLB88BH27	PLB88BH27	PLB88BH27	PLB88BH27	PLB88BH27	PLB88BH28
		9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/7/1988	9/8/1988
		BHPLB0008809-26-06	BHPLB0008809-26-11	BHPLB0008809-26-15	BHPLB0008809-27-03	BHPLB0008809-27-06	BHPLB0008809-27-09	BHPLB0008809-27-12	BHPLB0008809-27-15	BHPLB0008809-28-03
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									
PCBs and Dioxins										
Aroclor 1232	11141-16-5	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	2.2	9.6	19	< 0.16	< 0.16	0.24	0.25	6.16	0.68
Aroclor 1248	12672-29-6	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1	< 0.08	0.99	2.5	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)		11700	1450	3700	88	78	88	49	38	< 25

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH28	PLB88BH28	PLB88BH28	PLB88BH28	PLB88BH29	PLB88BH29	PLB88BH29	PLB88BH29	PLB88BH29
		9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988
		BHPLB0008809-28-06	BHPLB0008809-28-09	BHPLB0008809-28-12	BHPLB0008809-28-15	BHPLB0008809-29-03	BHPLB0008809-29-06	BHPLB0008809-29-09	BHPLB0008809-29-12	BHPLB0008809-29-15
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Dichlorobutane, 1,4-	110-56-5									
Metals and Inorganics										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cyanide	57-12-5									
Lead	7439-92-1									

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH28	PLB88BH28	PLB88BH28	PLB88BH28	PLB88BH29	PLB88BH29	PLB88BH29	PLB88BH29	PLB88BH29
		9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988
		BHPLB0008809-28-06	BHPLB0008809-28-09	BHPLB0008809-28-12	BHPLB0008809-28-15	BHPLB0008809-29-03	BHPLB0008809-29-06	BHPLB0008809-29-09	BHPLB0008809-29-12	BHPLB0008809-29-15
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									
PCBs and Dioxins										
Aroclor 1232	11141-16-5	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	55.2	0.91	410	5	34	129	20.5	2030	2010
Aroclor 1248	12672-29-6	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	0.99	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)		27	< 25	72	< 25	655	< 25	< 25	91	84

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH30	PLB88BH30	PLB88BH30	PLB88BH30	PLB88BH30	PLB88BH31	PLB88BH31	PLB88BH31	PLB88BH31
		9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/9/1988	9/9/1988	9/9/1988	9/9/1988
		BHPLB0008809-30-03	BHPLB0008809-30-06	BHPLB0008809-30-09	BHPLB0008809-30-12	BHPLB0008809-30-15	BHPLB0008809-31-03	BHPLB0008809-31-04	BHPLB0008809-31-06R	BHPLB0008809-31-09R
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Dichlorobutane, 1,4-	110-56-5									
Metals and Inorganics										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cyanide	57-12-5									
Lead	7439-92-1									

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH30	PLB88BH30	PLB88BH30	PLB88BH30	PLB88BH30	PLB88BH31	PLB88BH31	PLB88BH31	PLB88BH31
		9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/9/1988	9/9/1988	9/9/1988	9/9/1988
		BHPLB0008809-30-03	BHPLB0008809-30-06	BHPLB0008809-30-09	BHPLB0008809-30-12	BHPLB0008809-30-15	BHPLB0008809-31-03	BHPLB0008809-31-04	BHPLB0008809-31-06R	BHPLB0008809-31-09R
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									
PCBs and Dioxins										
Aroclor 1232	11141-16-5	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	0.27	< 0.16	< 0.16	0.19	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1248	12672-29-6	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)		40	26	< 25	< 25	< 25				

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH31	PLB88BH31	PLB88BH32	PLB88BH32	PLB88BH32	PLB88BH32	PLB88BH32	PLB88BH33	PLB88BH33
		9/9/1988	9/9/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988
		BHPLB0008809-31-12R	BHPLB0008809-31-15R	BHPLB0008809-32-03	BHPLB0008809-32-06	BHPLB0008809-32-09	BHPLB0008809-32-12	BHPLB0008809-32-15	BHPLB0008809-33-03	BHPLB0008809-33-06
VOCs										
Acetone	67-64-1									
Benzene	71-43-2									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chloroethane	75-00-3									
Chloroethyl Vinyl Ether, 2-	110-75-8									
Chloroform	67-66-3									
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Dibromochloromethane	124-48-1									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4									
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexanone, 2-	591-78-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methylene Chloride	75-09-2									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4									
Toluene	108-88-3									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6									
Trichlorofluoromethane	75-69-4									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4									
Xylenes	1330-20-7									
SVOCs										
Dichlorobutane, 1,4-	110-56-5									
Metals and Inorganics										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cyanide	57-12-5									
Lead	7439-92-1									

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH31	PLB88BH31	PLB88BH32	PLB88BH32	PLB88BH32	PLB88BH32	PLB88BH32	PLB88BH33	PLB88BH33
		9/9/1988	9/9/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988	9/8/1988
		BHPLB0008809-31-12R	BHPLB0008809-31-15R	BHPLB0008809-32-03	BHPLB0008809-32-06	BHPLB0008809-32-09	BHPLB0008809-32-12	BHPLB0008809-32-15	BHPLB0008809-33-03	BHPLB0008809-33-06
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									
PCBs and Dioxins										
Aroclor 1232	11141-16-5	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	< 0.16	< 0.16	214	0.67	0.16	0.64	< 0.16	< 0.16	< 0.16
Aroclor 1248	12672-29-6	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons										
TPH (Total)										

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH33	PLB88BH33	PLB88BH33	PLB88BH34	PLB88BH34	PLB88BH34	PLB88BH34	PLB88BH34
		9/8/1988	9/8/1988	9/8/1988	9/9/1988	9/9/1988	9/9/1988	9/9/1988	9/9/1988
		BHPLB0008809-33-09	BHPLB0008809-33-12	BHPLB0008809-33-15	BHPLB0008809-34-03	BHPLB0008809-34-06	BHPLB0008809-34-09	BHPLB0008809-34-12	BHPLB0008809-34-15
VOCs									
Acetone	67-64-1								
Benzene	71-43-2								
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon Disulfide	75-15-0								
Carbon Tetrachloride	56-23-5								
Chlorobenzene	108-90-7								
Chloroethane	75-00-3								
Chloroethyl Vinyl Ether, 2-	110-75-8								
Chloroform	67-66-3								
Chloromethane	74-87-3								
cis-1,3-Dichloropropene	10061-01-5								
Dibromochloromethane	124-48-1								
Dichloroethane, 1,1-	75-34-3								
Dichloroethane, 1,2-	107-06-2								
Dichloroethene, 1,1-	75-35-4								
Dichloroethene, 1,2- (Total)	540-59-0								
Dichloropropane, 1,2-	78-87-5								
Dichloropropene, trans-1,3-	10061-02-6								
Ethylbenzene	100-41-4								
Hexanone, 2-	591-78-6								
Methyl Ethyl Ketone (2-Butanone)	78-93-3								
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1								
Methylene Chloride	75-09-2								
Styrene	100-42-5								
Tetrachloroethane, 1,1,2,2-	79-34-5								
Tetrachloroethene	127-18-4								
Toluene	108-88-3								
Trichloroethane, 1,1,1-	71-55-6								
Trichloroethane, 1,1,2-	79-00-5								
Trichloroethene	79-01-6								
Trichlorofluoromethane	75-69-4								
Vinyl Acetate	108-05-4								
Vinyl Chloride	75-01-4								
Xylenes	1330-20-7								
SVOCs									
Dichlorobutane, 1,4-	110-56-5								
Metals and Inorganics									
Arsenic	7440-38-2								
Barium	7440-39-3								
Cadmium	7440-43-9								
Chromium, Total	7440-47-3								
Cyanide	57-12-5								
Lead	7439-92-1								

Table A-8
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB88)
Bannister Federal Complex

Chemical	CAS	PLB88BH33	PLB88BH33	PLB88BH33	PLB88BH34	PLB88BH34	PLB88BH34	PLB88BH34	PLB88BH34
		9/8/1988	9/8/1988	9/8/1988	9/9/1988	9/9/1988	9/9/1988	9/9/1988	9/9/1988
		BHPLB0008809-33-09	BHPLB0008809-33-12	BHPLB0008809-33-15	BHPLB0008809-34-03	BHPLB0008809-34-06	BHPLB0008809-34-09	BHPLB0008809-34-12	BHPLB0008809-34-15
Mercury	7439-97-6								
Selenium	7782-49-2								
Silver	7440-22-4								
PCBs and Dioxins									
Aroclor 1232	11141-16-5	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1242	53469-21-9	0.17	0.2	< 0.16	0.56	0.67	< 0.16	0.31	< 0.16
Aroclor 1248	12672-29-6	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Aroclor 1254	11097-69-1	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Aroclor 1260	11096-82-5	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Hydrocarbons									
TPH (Total)									

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH01	PLB91BH01	PLB91BH01	PLB91BH01	PLB91BH01	PLB91BH02	PLB91BH02	PLB91BH02	PLB91BH02
		7/24/1991	7/24/1991	7/24/1991	7/24/1991	7/24/1991	7/24/1991	7/24/1991	7/24/1991	7/24/1991
		BHPLB0009107-01-03	BHPLB0009107-01-06	BHPLB0009107-01-09	BHPLB0009107-01-12	BHPLB0009107-01-15	BHPLB0009107-02-03	BHPLB0009107-02-06	BHPLB0009107-02-09	BHPLB0009107-02-12
VOCs										
Acetone	67-64-1	< 0.01				< 0.01	< 0.01			
Benzene	71-43-2	< 0.01				< 0.01	< 0.01			
Bromodichloromethane	75-27-4	< 0.01				< 0.01	< 0.01			
Bromoform	75-25-2	< 0.01				< 0.01	< 0.01			
Bromomethane	74-83-9	< 0.01				< 0.01	< 0.01			
Carbon Disulfide	75-15-0	< 0.01				< 0.01	< 0.01			
Carbon Tetrachloride	56-23-5	< 0.01				< 0.01	< 0.01			
Chlorobenzene	108-90-7	< 0.01				< 0.01	< 0.01			
Chloroethane	75-00-3	< 0.01				< 0.01	< 0.01			
Chloroform	67-66-3	< 0.01				< 0.01	< 0.01			
Chloromethane	74-87-3	< 0.01				< 0.01	< 0.01			
cis-1,3-Dichloropropene	10061-01-5	< 0.01				< 0.01	< 0.01			
Dibromochloromethane	124-48-1	< 0.01				< 0.01	< 0.01			
Dichlorobenzene, 1,2-	95-50-1	< 0.005				< 0.005	< 0.005			
Dichlorobenzene, 1,3-	541-73-1	< 0.005				< 0.005	< 0.005			
Dichlorobenzene, 1,4-	106-46-7	< 0.005				< 0.005	< 0.005			
Dichloroethane, 1,1-	75-34-3	< 0.01				< 0.01	< 0.01			
Dichloroethane, 1,2-	107-06-2	< 0.01				< 0.01	< 0.01			
Dichloroethene, 1,1-	75-35-4	< 0.01				< 0.01	< 0.01			
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01				< 0.01	< 0.01			
Dichloropropane, 1,2-	78-87-5	< 0.01				< 0.01	< 0.01			
Dichloropropene, trans-1,3-	10061-02-6	< 0.01				< 0.01	< 0.01			
Ethylbenzene	100-41-4	< 0.01				< 0.01	< 0.01			
Hexanone, 2-	591-78-6	< 0.01				< 0.01	< 0.01			
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01				< 0.01	< 0.01			
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01				< 0.01	< 0.01			
Methylene Chloride	75-09-2	< 0.01				< 0.01	< 0.01			
Styrene	100-42-5	< 0.01				< 0.01	< 0.01			
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01				< 0.01	< 0.01			
Tetrachloroethene	127-18-4	< 0.01				< 0.01	< 0.01			
Toluene	108-88-3	0.28				< 0.01	< 0.01			
Trichloroethane, 1,1,1-	71-55-6	0.028				< 0.01	< 0.01			
Trichloroethane, 1,1,2-	79-00-5	< 0.01				< 0.01	< 0.01			
Trichloroethene	79-01-6	< 0.01				< 0.01	< 0.01			
Trichlorofluoromethane	75-69-4	< 0.01				< 0.01	< 0.01			
Trichlorotrifluoroethane, 1,1,2-		< 0.005				< 0.005	< 0.005			
Vinyl Chloride	75-01-4	< 0.01				< 0.01	< 0.01			
Xylenes	1330-20-7	0.018				< 0.01	< 0.01			
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5									
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 100	< 10	< 1	< 10	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 100	< 10	< 1	< 10	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH01	PLB91BH01	PLB91BH01	PLB91BH01	PLB91BH01	PLB91BH02	PLB91BH02	PLB91BH02	PLB91BH02
		7/24/1991	7/24/1991	7/24/1991	7/24/1991	7/24/1991	7/24/1991	7/24/1991	7/24/1991	7/24/1991
		BHPLB0009107-01-03	BHPLB0009107-01-06	BHPLB0009107-01-09	BHPLB0009107-01-12	BHPLB0009107-01-15	BHPLB0009107-02-03	BHPLB0009107-02-06	BHPLB0009107-02-09	BHPLB0009107-02-12
Aroclor 1232	11141-16-5	< 1	< 100	< 10	< 1	< 10	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	2100	560	26	860	69	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 100	< 10	< 1	< 10	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 100	< 10	< 1	< 10	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 100	< 10	< 1	< 10	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		1500	1200	230	970	167	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH02	PLB91BH03	PLB91BH03	PLB91BH03	PLB91BH03	PLB91BH03	PLB91BH04	PLB91BH04	PLB91BH04
		7/24/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		BHPLB0009107-02-15	BHPLB0009107-03-03	BHPLB0009107-03-06	BHPLB0009107-03-09	BHPLB0009107-03-12	BHPLB0009107-03-15	BHPLB0009107-04-03	BHPLB0009107-04-06	BHPLB0009107-04-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01				< 0.01	< 0.01		
Benzene	71-43-2	< 0.01	< 0.01				< 0.01	< 0.01		
Bromodichloromethane	75-27-4	< 0.01	< 0.01				< 0.01	< 0.01		
Bromoform	75-25-2	< 0.01	< 0.01				< 0.01	< 0.01		
Bromomethane	74-83-9	< 0.01	< 0.01				< 0.01	< 0.01		
Carbon Disulfide	75-15-0	< 0.01	< 0.01				< 0.01	< 0.01		
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01				< 0.01	< 0.01		
Chlorobenzene	108-90-7	< 0.01	< 0.01				< 0.01	< 0.01		
Chloroethane	75-00-3	< 0.01	< 0.01				< 0.01	< 0.01		
Chloroform	67-66-3	< 0.01	< 0.01				< 0.01	< 0.01		
Chloromethane	74-87-3	< 0.01	< 0.01				< 0.01	< 0.01		
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01				< 0.01	< 0.01		
Dibromochloromethane	124-48-1	< 0.01	< 0.01				< 0.01	< 0.01		
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005				< 0.005	< 0.005		
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005				< 0.005	< 0.005		
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005				< 0.005	< 0.005		
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01				< 0.01	< 0.01		
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01				< 0.01	< 0.01		
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01				< 0.01	< 0.01		
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01				< 0.01	< 0.01		
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01				< 0.01	< 0.01		
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01				< 0.01	< 0.01		
Ethylbenzene	100-41-4	< 0.01	< 0.01				< 0.01	< 0.01		
Hexanone, 2-	591-78-6	< 0.01	< 0.01				< 0.01	< 0.01		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01				< 0.01	< 0.01		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01				< 0.01	< 0.01		
Methylene Chloride	75-09-2	< 0.01	< 0.01				< 0.01	< 0.01		
Styrene	100-42-5	< 0.01	< 0.01				< 0.01	< 0.01		
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01				< 0.01	< 0.01		
Tetrachloroethene	127-18-4	< 0.01	< 0.01				< 0.01	< 0.01		
Toluene	108-88-3	< 0.01	< 0.01				< 0.01	< 0.01		
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01				< 0.01	< 0.01		
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01				< 0.01	< 0.01		
Trichloroethene	79-01-6	< 0.01	< 0.01				< 0.01	< 0.01		
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01				< 0.01	< 0.01		
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005				< 0.005	< 0.005		
Vinyl Chloride	75-01-4	< 0.01	< 0.01				< 0.01	< 0.01		
Xylenes	1330-20-7	< 0.01	< 0.01				< 0.01	< 0.01		
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5		< 1				< 1	< 1		
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH02	PLB91BH03	PLB91BH03	PLB91BH03	PLB91BH03	PLB91BH03	PLB91BH04	PLB91BH04	PLB91BH04
		7/24/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991
		BHPLB0009107-02-15	BHPLB0009107-03-03	BHPLB0009107-03-06	BHPLB0009107-03-09	BHPLB0009107-03-12	BHPLB0009107-03-15	BHPLB0009107-04-03	BHPLB0009107-04-06	BHPLB0009107-04-09
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	100	330	1500
Aroclor 1248	12672-29-6	< 1	2.4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	2.3	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	420	390	1200

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH04	PLB91BH04	PLB91BH05	PLB91BH05	PLB91BH05	PLB91BH06	PLB91BH06	PLB91BH06	PLB91BH06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/26/1991	7/26/1991	7/26/1991	7/26/1991
		BHPLB0009107-04-12	BHPLB0009107-04-15	BHPLB0009107-05-03	BHPLB0009107-05-12	BHPLB0009107-05-15	BHPLB0009107-06-06	BHPLB0009107-06-09	BHPLB0009107-06-12	BHPLB0009107-06-15
VOCs										
Acetone	67-64-1		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Benzene	71-43-2		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Bromodichloromethane	75-27-4		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Bromoform	75-25-2		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Bromomethane	74-83-9		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Carbon Disulfide	75-15-0		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Carbon Tetrachloride	56-23-5		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Chlorobenzene	108-90-7		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Chloroethane	75-00-3		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Chloroform	67-66-3		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Chloromethane	74-87-3		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
cis-1,3-Dichloropropene	10061-01-5		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Dibromochloromethane	124-48-1		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Dichlorobenzene, 1,2-	95-50-1		< 0.005	< 0.005		< 0.005	< 0.005			< 0.005
Dichlorobenzene, 1,3-	541-73-1		< 0.005	< 0.005		< 0.005	< 0.005			< 0.005
Dichlorobenzene, 1,4-	106-46-7		< 0.005	< 0.005		< 0.005	< 0.005			< 0.005
Dichloroethane, 1,1-	75-34-3		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Dichloroethane, 1,2-	107-06-2		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Dichloroethene, 1,1-	75-35-4		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Dichloroethene, 1,2- (Total)	540-59-0		< 0.01	< 0.01		0.34	< 0.01			< 0.01
Dichloropropane, 1,2-	78-87-5		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Dichloropropene, trans-1,3-	10061-02-6		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Ethylbenzene	100-41-4		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Hexanone, 2-	591-78-6		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Methylene Chloride	75-09-2		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Styrene	100-42-5		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Tetrachloroethene	127-18-4		< 0.01	< 0.01		0.072	< 0.01			< 0.01
Toluene	108-88-3		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Trichloroethane, 1,1,1-	71-55-6		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Trichloroethane, 1,1,2-	79-00-5		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Trichloroethene	79-01-6		< 0.01	< 0.01		1.9	< 0.01			< 0.01
Trichlorofluoromethane	75-69-4		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Trichlorotrifluoroethane, 1,1,2-			< 0.005	< 0.005		< 0.005	< 0.005			< 0.005
Vinyl Chloride	75-01-4		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Xylenes	1330-20-7		< 0.01	< 0.01		< 0.01	< 0.01			< 0.01
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5		< 1	< 1		< 1	< 1			< 1
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH04	PLB91BH04	PLB91BH05	PLB91BH05	PLB91BH05	PLB91BH06	PLB91BH06	PLB91BH06	PLB91BH06
		7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/25/1991	7/26/1991	7/26/1991	7/26/1991	7/26/1991
		BHPLB0009107-04-12	BHPLB0009107-04-15	BHPLB0009107-05-03	BHPLB0009107-05-12	BHPLB0009107-05-15	BHPLB0009107-06-06	BHPLB0009107-06-09	BHPLB0009107-06-12	BHPLB0009107-06-15
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	80	< 1	80	940	2000	800	26	2400	120
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		36	< 20	50	3100	3700	3400	200	4500	170

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH07	PLB91BH07	PLB91BH07	PLB91BH07	PLB91BH07	PLB91BH08	PLB91BH08	PLB91BH08	PLB91BH09
		8/2/1991	8/2/1991	8/2/1991	8/2/1991	8/2/1991	8/16/1991	8/16/1991	8/16/1991	8/6/1991
		BHPLB0009108-07-03	BHPLB0009108-07-06	BHPLB0009108-07-09	BHPLB0009108-07-12	BHPLB0009108-07-15	BHPLB0009108-08-03	BHPLB0009108-08-06	BHPLB0009108-08-15	BHPLB0009108-09-03
VOCs										
Acetone	67-64-1	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Benzene	71-43-2	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Bromodichloromethane	75-27-4	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Bromoform	75-25-2	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Bromomethane	74-83-9	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Carbon Disulfide	75-15-0	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Carbon Tetrachloride	56-23-5	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Chlorobenzene	108-90-7	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Chloroethane	75-00-3	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Chloroform	67-66-3	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Chloromethane	74-87-3	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Dibromochloromethane	124-48-1	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1	< 0.005				< 0.005	< 0.005		< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1	< 0.005				< 0.005	< 0.005		< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7	< 0.005				< 0.005	< 0.005		< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3	0.051				< 0.01	< 0.01		< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Dichloropropane, 1,2-	78-87-5	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Ethylbenzene	100-41-4	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Hexanone, 2-	591-78-6	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Methylene Chloride	75-09-2	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Styrene	100-42-5	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5	0.026				0.013	< 0.01		< 0.01	< 0.01
Tetrachloroethene	127-18-4	2.2				1.4	< 0.01		< 0.01	< 0.01
Toluene	108-88-3	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Trichloroethane, 1,1,1-	71-55-6	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Trichloroethene	79-01-6	< 0.01				0.036	< 0.01		< 0.01	< 0.01
Trichlorofluoromethane	75-69-4	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-		< 0.005				< 0.005	< 0.005		< 0.005	< 0.005
Vinyl Chloride	75-01-4	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Xylenes	1330-20-7	< 0.01				< 0.01	< 0.01		< 0.01	< 0.01
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5	< 1				< 1	< 1		< 1	< 1
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH07	PLB91BH07	PLB91BH07	PLB91BH07	PLB91BH07	PLB91BH08	PLB91BH08	PLB91BH08	PLB91BH09
		8/2/1991	8/2/1991	8/2/1991	8/2/1991	8/2/1991	8/16/1991	8/16/1991	8/16/1991	8/6/1991
		BHPLB0009108-07-03	BHPLB0009108-07-06	BHPLB0009108-07-09	BHPLB0009108-07-12	BHPLB0009108-07-15	BHPLB0009108-08-03	BHPLB0009108-08-06	BHPLB0009108-08-15	BHPLB0009108-09-03
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	11	2.6	5.6	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	4.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		120	240	870	270	2800	64	< 20	3600	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH09	PLB91BH09	PLB91BH09	PLB91BH09	PLB91BH10	PLB91BH10	PLB91BH10	PLB91BH10	PLB91BH10
		8/6/1991	8/6/1991	8/6/1991	8/6/1991	8/4/1991	8/4/1991	8/4/1991	8/4/1991	8/4/1991
		BHPLB0009108-09-06	BHPLB0009108-09-09	BHPLB0009108-09-12	BHPLB0009108-09-15	BHPLB0009108-10-03	BHPLB0009108-10-06	BHPLB0009108-10-09	BHPLB0009108-10-12	BHPLB0009108-10-15
VOCs										
Acetone	67-64-1				< 0.01	< 0.01				< 0.01
Benzene	71-43-2				< 0.01	< 0.01				< 0.01
Bromodichloromethane	75-27-4				< 0.01	< 0.01				< 0.01
Bromoform	75-25-2				< 0.01	< 0.01				< 0.01
Bromomethane	74-83-9				< 0.01	< 0.01				< 0.01
Carbon Disulfide	75-15-0				< 0.01	< 0.01				< 0.01
Carbon Tetrachloride	56-23-5				< 0.01	< 0.01				< 0.01
Chlorobenzene	108-90-7				< 0.01	< 0.01				< 0.01
Chloroethane	75-00-3				< 0.01	< 0.01				< 0.01
Chloroform	67-66-3				< 0.01	< 0.01				< 0.01
Chloromethane	74-87-3				< 0.01	< 0.01				< 0.01
cis-1,3-Dichloropropene	10061-01-5				< 0.01	< 0.01				< 0.01
Dibromochloromethane	124-48-1				< 0.01	< 0.01				< 0.01
Dichlorobenzene, 1,2-	95-50-1				< 0.005	< 0.005				< 0.005
Dichlorobenzene, 1,3-	541-73-1				< 0.005	< 0.005				< 0.005
Dichlorobenzene, 1,4-	106-46-7				< 0.005	< 0.005				< 0.005
Dichloroethane, 1,1-	75-34-3				< 0.01	< 0.01				< 0.01
Dichloroethane, 1,2-	107-06-2				< 0.01	< 0.01				< 0.01
Dichloroethene, 1,1-	75-35-4				< 0.01	< 0.01				< 0.01
Dichloroethene, 1,2- (Total)	540-59-0				< 0.01	< 0.01				< 0.01
Dichloropropane, 1,2-	78-87-5				< 0.01	< 0.01				< 0.01
Dichloropropene, trans-1,3-	10061-02-6				< 0.01	< 0.01				< 0.01
Ethylbenzene	100-41-4				< 0.01	< 0.01				< 0.01
Hexanone, 2-	591-78-6				< 0.01	< 0.01				< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3				< 0.01	< 0.01				< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1				< 0.01	< 0.01				< 0.01
Methylene Chloride	75-09-2				< 0.01	< 0.01				< 0.01
Styrene	100-42-5				< 0.01	< 0.01				< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5				< 0.01	< 0.01				< 0.01
Tetrachloroethene	127-18-4				< 0.01	< 0.01				< 0.01
Toluene	108-88-3				< 0.01	< 0.01				< 0.01
Trichloroethane, 1,1,1-	71-55-6				< 0.01	< 0.01				< 0.01
Trichloroethane, 1,1,2-	79-00-5				< 0.01	< 0.01				< 0.01
Trichloroethene	79-01-6				< 0.01	< 0.01				< 0.01
Trichlorofluoromethane	75-69-4				< 0.01	< 0.01				< 0.01
Trichlorotrifluoroethane, 1,1,2-					< 0.005	< 0.005				< 0.005
Vinyl Chloride	75-01-4				< 0.01	< 0.01				< 0.01
Xylenes	1330-20-7				< 0.01	< 0.01				< 0.01
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5				< 1	< 1				< 1
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH09	PLB91BH09	PLB91BH09	PLB91BH09	PLB91BH10	PLB91BH10	PLB91BH10	PLB91BH10	PLB91BH10
		8/6/1991	8/6/1991	8/6/1991	8/6/1991	8/4/1991	8/4/1991	8/4/1991	8/4/1991	8/4/1991
		BHPLB0009108-09-06	BHPLB0009108-09-09	BHPLB0009108-09-12	BHPLB0009108-09-15	BHPLB0009108-10-03	BHPLB0009108-10-06	BHPLB0009108-10-09	BHPLB0009108-10-12	BHPLB0009108-10-15
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		< 20	< 20	< 20	< 20	70	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH11	PLB91BH11	PLB91BH11	PLB91BH11	PLB91BH11	PLB91BH12	PLB91BH12	PLB91BH12	PLB91BH12
		8/3/1991	8/3/1991	8/3/1991	8/3/1991	8/3/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		BHPLB0009108-11-03	BHPLB0009108-11-06	BHPLB0009108-11-09	BHPLB0009108-11-12	BHPLB0009108-11-15	BHPLB0009108-12-03	BHPLB0009108-12-06	BHPLB0009108-12-09	BHPLB0009108-12-12
VOCs										
Acetone	67-64-1	< 0.01				< 0.01	< 0.01			
Benzene	71-43-2	< 0.01				< 0.01	< 0.01			
Bromodichloromethane	75-27-4	< 0.01				< 0.01	< 0.01			
Bromoform	75-25-2	< 0.01				< 0.01	< 0.01			
Bromomethane	74-83-9	< 0.01				< 0.01	< 0.01			
Carbon Disulfide	75-15-0	< 0.01				< 0.01	< 0.01			
Carbon Tetrachloride	56-23-5	< 0.01				< 0.01	< 0.01			
Chlorobenzene	108-90-7	< 0.01				< 0.01	< 0.01			
Chloroethane	75-00-3	< 0.01				< 0.01	< 0.01			
Chloroform	67-66-3	< 0.01				< 0.01	< 0.01			
Chloromethane	74-87-3	< 0.01				< 0.01	< 0.01			
cis-1,3-Dichloropropene	10061-01-5	< 0.01				< 0.01	< 0.01			
Dibromochloromethane	124-48-1	< 0.01				< 0.01	< 0.01			
Dichlorobenzene, 1,2-	95-50-1	< 0.005				< 0.005	< 0.005			
Dichlorobenzene, 1,3-	541-73-1	< 0.005				< 0.005	< 0.005			
Dichlorobenzene, 1,4-	106-46-7	< 0.005				< 0.005	< 0.005			
Dichloroethane, 1,1-	75-34-3	< 0.01				< 0.01	< 0.01			
Dichloroethane, 1,2-	107-06-2	< 0.01				< 0.01	< 0.01			
Dichloroethene, 1,1-	75-35-4	< 0.01				< 0.01	< 0.01			
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01				< 0.01	< 0.01			
Dichloropropane, 1,2-	78-87-5	< 0.01				< 0.01	< 0.01			
Dichloropropene, trans-1,3-	10061-02-6	< 0.01				< 0.01	< 0.01			
Ethylbenzene	100-41-4	< 0.01				< 0.01	< 0.01			
Hexanone, 2-	591-78-6	< 0.01				< 0.01	< 0.01			
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01				< 0.01	< 0.01			
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01				< 0.01	< 0.01			
Methylene Chloride	75-09-2	< 0.01				< 0.01	< 0.01			
Styrene	100-42-5	< 0.01				< 0.01	< 0.01			
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01				< 0.01	< 0.01			
Tetrachloroethene	127-18-4	< 0.01				< 0.01	< 0.01			
Toluene	108-88-3	< 0.01				< 0.01	< 0.01			
Trichloroethane, 1,1,1-	71-55-6	< 0.01				< 0.01	< 0.01			
Trichloroethane, 1,1,2-	79-00-5	< 0.01				< 0.01	< 0.01			
Trichloroethene	79-01-6	< 0.01				< 0.01	< 0.01			
Trichlorofluoromethane	75-69-4	< 0.01				< 0.01	< 0.01			
Trichlorotrifluoroethane, 1,1,2-		< 0.005				< 0.005	< 0.005			
Vinyl Chloride	75-01-4	< 0.01				< 0.01	< 0.01			
Xylenes	1330-20-7	< 0.01				< 0.01	< 0.01			
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5	< 1				< 1	< 1			
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH11	PLB91BH11	PLB91BH11	PLB91BH11	PLB91BH11	PLB91BH12	PLB91BH12	PLB91BH12	PLB91BH12
		8/3/1991	8/3/1991	8/3/1991	8/3/1991	8/3/1991	8/9/1991	8/9/1991	8/9/1991	8/9/1991
		BHPLB0009108-11-03	BHPLB0009108-11-06	BHPLB0009108-11-09	BHPLB0009108-11-12	BHPLB0009108-11-15	BHPLB0009108-12-03	BHPLB0009108-12-06	BHPLB0009108-12-09	BHPLB0009108-12-12
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH12	PLB91BH13	PLB91BH13	PLB91BH13	PLB91BH13	PLB91BH13	PLB91BH14	PLB91BH14	PLB91BH14
		8/9/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	7/31/1991	7/31/1991	7/31/1991
		BHPLB0009108-12-15	BHPLB0009108-13-03	BHPLB0009108-13-06	BHPLB0009108-13-09	BHPLB0009108-13-12	BHPLB0009108-13-15	BHPLB0009107-14-03	BHPLB0009107-14-06	BHPLB0009107-14-09
VOCs										
Acetone	67-64-1	< 0.01	< 0.01				< 0.01	< 0.01		
Benzene	71-43-2	< 0.01	< 0.01				< 0.01	< 0.01		
Bromodichloromethane	75-27-4	< 0.01	< 0.01				< 0.01	< 0.01		
Bromoform	75-25-2	< 0.01	< 0.01				< 0.01	< 0.01		
Bromomethane	74-83-9	< 0.01	< 0.01				< 0.01	< 0.01		
Carbon Disulfide	75-15-0	< 0.01	< 0.01				< 0.01	< 0.01		
Carbon Tetrachloride	56-23-5	< 0.01	< 0.01				< 0.01	< 0.01		
Chlorobenzene	108-90-7	< 0.01	< 0.01				< 0.01	< 0.01		
Chloroethane	75-00-3	< 0.01	< 0.01				< 0.01	< 0.01		
Chloroform	67-66-3	< 0.01	< 0.01				< 0.01	< 0.01		
Chloromethane	74-87-3	< 0.01	< 0.01				< 0.01	< 0.01		
cis-1,3-Dichloropropene	10061-01-5	< 0.01	< 0.01				< 0.01	< 0.01		
Dibromochloromethane	124-48-1	< 0.01	< 0.01				< 0.01	< 0.01		
Dichlorobenzene, 1,2-	95-50-1	< 0.005	< 0.005				< 0.005	< 0.005		
Dichlorobenzene, 1,3-	541-73-1	< 0.005	< 0.005				< 0.005	< 0.005		
Dichlorobenzene, 1,4-	106-46-7	< 0.005	< 0.005				< 0.005	< 0.005		
Dichloroethane, 1,1-	75-34-3	< 0.01	< 0.01				< 0.01	< 0.01		
Dichloroethane, 1,2-	107-06-2	< 0.01	< 0.01				< 0.01	< 0.01		
Dichloroethene, 1,1-	75-35-4	< 0.01	< 0.01				< 0.01	< 0.01		
Dichloroethene, 1,2- (Total)	540-59-0	< 0.01	< 0.01				***2.1***	< 0.01		
Dichloropropane, 1,2-	78-87-5	< 0.01	< 0.01				< 0.01	< 0.01		
Dichloropropene, trans-1,3-	10061-02-6	< 0.01	< 0.01				< 0.01	< 0.01		
Ethylbenzene	100-41-4	< 0.01	< 0.01				< 0.01	< 0.01		
Hexanone, 2-	591-78-6	< 0.01	< 0.01				< 0.01	< 0.01		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 0.01	< 0.01				< 0.01	< 0.01		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.01	< 0.01				< 0.01	< 0.01		
Methylene Chloride	75-09-2	< 0.01	< 0.01				< 0.01	< 0.01		
Styrene	100-42-5	< 0.01	< 0.01				< 0.01	< 0.01		
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.01	< 0.01				< 0.01	< 0.01		
Tetrachloroethene	127-18-4	< 0.01	< 0.01				< 0.01	0.35		
Toluene	108-88-3	< 0.01	< 0.01				< 0.01	< 0.01		
Trichloroethane, 1,1,1-	71-55-6	< 0.01	< 0.01				< 0.01	< 0.01		
Trichloroethane, 1,1,2-	79-00-5	< 0.01	< 0.01				< 0.01	< 0.01		
Trichloroethene	79-01-6	< 0.01	< 0.01				< 0.01	0.04		
Trichlorofluoromethane	75-69-4	< 0.01	< 0.01				< 0.01	< 0.01		
Trichlorotrifluoroethane, 1,1,2-		< 0.005	< 0.005				< 0.005	< 0.005		
Vinyl Chloride	75-01-4	< 0.01	< 0.01				< 0.01	< 0.01		
Xylenes	1330-20-7	< 0.01	< 0.01				< 0.01	< 0.01		
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5	< 1	< 1				< 1	< 1		
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH12	PLB91BH13	PLB91BH13	PLB91BH13	PLB91BH13	PLB91BH13	PLB91BH14	PLB91BH14	PLB91BH14
		8/9/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	8/8/1991	7/31/1991	7/31/1991	7/31/1991
		BHPLB0009108-12-15	BHPLB0009108-13-03	BHPLB0009108-13-06	BHPLB0009108-13-09	BHPLB0009108-13-12	BHPLB0009108-13-15	BHPLB0009107-14-03	BHPLB0009107-14-06	BHPLB0009107-14-09
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		< 20	< 20	< 20	520	300	280	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH14	PLB91BH14	PLB91BH15	PLB91BH15	PLB91BH15	PLB91BH15	PLB91BH15	PLB91BH16	PLB91BH16
		7/31/1991	7/31/1991	7/29/1991	7/29/1991	7/29/1991	7/29/1991	7/29/1991	7/29/1991	8/20/1991
		BHPLB0009107-14-12	BHPLB0009107-14-15	BHPLB0009107-15-03	BHPLB0009107-15-06	BHPLB0009107-15-09	BHPLB0009107-15-12	BHPLB0009107-15-15	BHPLB0009107-16-12	BHPLB0009108-16-03
VOCs										
Acetone	67-64-1		< 0.01	< 0.05				< 0.01		< 0.01
Benzene	71-43-2		< 0.01	< 0.05				< 0.01		< 0.01
Bromodichloromethane	75-27-4		< 0.01	< 0.05				< 0.01		< 0.01
Bromoform	75-25-2		< 0.01	< 0.05				< 0.01		< 0.01
Bromomethane	74-83-9		< 0.01	< 0.05				< 0.01		< 0.01
Carbon Disulfide	75-15-0		< 0.01	< 0.05				< 0.01		< 0.01
Carbon Tetrachloride	56-23-5		< 0.01	< 0.05				< 0.01		< 0.01
Chlorobenzene	108-90-7		< 0.01	< 0.05				< 0.01		< 0.01
Chloroethane	75-00-3		< 0.01	< 0.05				< 0.01		< 0.01
Chloroform	67-66-3		< 0.01	< 0.05				< 0.01		< 0.01
Chloromethane	74-87-3		< 0.01	< 0.05				< 0.01		< 0.01
cis-1,3-Dichloropropene	10061-01-5		< 0.01	< 0.05				< 0.01		< 0.01
Dibromochloromethane	124-48-1		< 0.01	< 0.05				< 0.01		< 0.01
Dichlorobenzene, 1,2-	95-50-1		< 0.005	< 0.025				< 0.005		< 0.005
Dichlorobenzene, 1,3-	541-73-1		< 0.005	< 0.025				< 0.005		< 0.005
Dichlorobenzene, 1,4-	106-46-7		< 0.005	< 0.025				< 0.005		< 0.005
Dichloroethane, 1,1-	75-34-3		< 0.01	< 0.05				< 0.01		< 0.01
Dichloroethane, 1,2-	107-06-2		< 0.01	< 0.05				< 0.01		< 0.01
Dichloroethene, 1,1-	75-35-4		< 0.01	< 0.05				< 0.01		< 0.01
Dichloroethene, 1,2- (Total)	540-59-0		0.013	< 0.05				< 0.01		< 0.01
Dichloropropane, 1,2-	78-87-5		< 0.01	< 0.05				< 0.01		< 0.01
Dichloropropene, trans-1,3-	10061-02-6		< 0.01	< 0.05				< 0.01		< 0.01
Ethylbenzene	100-41-4		< 0.01	< 0.05				< 0.01		< 0.01
Hexanone, 2-	591-78-6		< 0.01	< 0.05				< 0.01		< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01	< 0.05				< 0.01		< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01	< 0.05				< 0.01		< 0.01
Methylene Chloride	75-09-2		< 0.01	< 0.05				< 0.01		< 0.01
Styrene	100-42-5		< 0.01	< 0.05				< 0.01		< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5		***0.17***	< 0.05				< 0.01		< 0.01
Tetrachloroethene	127-18-4		***51***	< 0.05				< 0.01		< 0.01
Toluene	108-88-3		< 0.01	< 0.05				< 0.01		< 0.01
Trichloroethane, 1,1,1-	71-55-6		< 0.01	< 0.05				< 0.01		< 0.01
Trichloroethane, 1,1,2-	79-00-5		< 0.01	< 0.05				< 0.01		< 0.01
Trichloroethene	79-01-6		0.099	0.11				< 0.01		< 0.01
Trichlorofluoromethane	75-69-4		< 0.01	< 0.05				< 0.01		< 0.01
Trichlorotrifluoroethane, 1,1,2-			< 0.005	< 0.025				< 0.005		< 0.005
Vinyl Chloride	75-01-4		< 0.01	< 0.05				< 0.01		< 0.01
Xylenes	1330-20-7		< 0.01	< 0.05				< 0.01		< 0.01
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5		< 1	< 1				< 1		< 1
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH14	PLB91BH14	PLB91BH15	PLB91BH15	PLB91BH15	PLB91BH15	PLB91BH15	PLB91BH16	PLB91BH16
		7/31/1991	7/31/1991	7/29/1991	7/29/1991	7/29/1991	7/29/1991	7/29/1991	7/29/1991	8/20/1991
		BHPLB0009107-14-12	BHPLB0009107-14-15	BHPLB0009107-15-03	BHPLB0009107-15-06	BHPLB0009107-15-09	BHPLB0009107-15-12	BHPLB0009107-15-15	BHPLB0009107-16-12	BHPLB0009108-16-03
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	7.6	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		< 20	< 20	< 20	34	< 20	< 20	< 20	1400	55

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH16	PLB91BH16	PLB91BH16	PLB91BH17	PLB91BH17	PLB91BH17	PLB91BH17	PLB91BH17	PLB91BH17
		8/20/1991	8/20/1991	8/20/1991	8/10/1991	8/10/1991	8/10/1991	8/10/1991	8/10/1991	12/5/1991
		BHPLB0009108-16-06	BHPLB0009108-16-09	BHPLB0009108-16-12	BHPLB0009108-17-03	BHPLB0009108-17-06	BHPLB0009108-17-09	BHPLB0009108-17-12	BHPLB0009108-17-15	BHPLB0009112-17-03
VOCs										
Acetone	67-64-1				< 0.01				< 0.01	
Benzene	71-43-2				< 0.01				< 0.01	
Bromodichloromethane	75-27-4				< 0.01				< 0.01	
Bromoform	75-25-2				< 0.01				< 0.01	
Bromomethane	74-83-9				< 0.01				< 0.01	
Carbon Disulfide	75-15-0				< 0.01				< 0.01	
Carbon Tetrachloride	56-23-5				< 0.01				< 0.01	
Chlorobenzene	108-90-7				< 0.01				< 0.01	
Chloroethane	75-00-3				< 0.01				< 0.01	
Chloroform	67-66-3				< 0.01				< 0.01	
Chloromethane	74-87-3				< 0.01				< 0.01	
cis-1,3-Dichloropropene	10061-01-5				< 0.01				< 0.01	
Dibromochloromethane	124-48-1				< 0.01				< 0.01	
Dichlorobenzene, 1,2-	95-50-1				< 0.005				< 0.005	
Dichlorobenzene, 1,3-	541-73-1				< 0.005				< 0.005	
Dichlorobenzene, 1,4-	106-46-7				< 0.005				< 0.005	
Dichloroethane, 1,1-	75-34-3				< 0.01				< 0.01	
Dichloroethane, 1,2-	107-06-2				< 0.01				< 0.01	
Dichloroethene, 1,1-	75-35-4				< 0.01				< 0.01	
Dichloroethene, 1,2- (Total)	540-59-0				< 0.01				< 0.01	
Dichloropropane, 1,2-	78-87-5				< 0.01				< 0.01	
Dichloropropene, trans-1,3-	10061-02-6				< 0.01				< 0.01	
Ethylbenzene	100-41-4				< 0.01				< 0.01	
Hexanone, 2-	591-78-6				< 0.01				< 0.01	
Methyl Ethyl Ketone (2-Butanone)	78-93-3				< 0.01				< 0.01	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1				< 0.01				< 0.01	
Methylene Chloride	75-09-2				< 0.01				< 0.01	
Styrene	100-42-5				< 0.01				< 0.01	
Tetrachloroethane, 1,1,2,2-	79-34-5				< 0.01				< 0.01	
Tetrachloroethene	127-18-4				< 0.01				< 0.01	
Toluene	108-88-3				< 0.01				< 0.01	
Trichloroethane, 1,1,1-	71-55-6				< 0.01				< 0.01	
Trichloroethane, 1,1,2-	79-00-5				< 0.01				< 0.01	
Trichloroethene	79-01-6				< 0.01				0.026	
Trichlorofluoromethane	75-69-4				< 0.01				< 0.01	
Trichlorotrifluoroethane, 1,1,2-					< 0.005				< 0.005	
Vinyl Chloride	75-01-4				< 0.01				< 0.01	
Xylenes	1330-20-7				< 0.01				< 0.01	
Metals and Inorganics										
Chromium, Total	7440-47-3									***39.6***
Cyanide	57-12-5				< 1				< 1	
Lead	7439-92-1									***24.8***
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aroclor 1221	11104-28-2	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH16	PLB91BH16	PLB91BH16	PLB91BH17	PLB91BH17	PLB91BH17	PLB91BH17	PLB91BH17	PLB91BH17
		8/20/1991	8/20/1991	8/20/1991	8/10/1991	8/10/1991	8/10/1991	8/10/1991	8/10/1991	12/5/1991
		BHPLB0009108-16-06	BHPLB0009108-16-09	BHPLB0009108-16-12	BHPLB0009108-17-03	BHPLB0009108-17-06	BHPLB0009108-17-09	BHPLB0009108-17-12	BHPLB0009108-17-15	BHPLB0009112-17-03
Aroclor 1232	11141-16-5	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aroclor 1242	53469-21-9	54	5.7	< 1	< 1	< 1	< 1	< 1	< 1	
Aroclor 1248	12672-29-6	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aroclor 1254	11097-69-1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aroclor 1260	11096-82-5	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Hydrocarbons										
TPH (Total)		960	2200	1700	< 20	< 20	< 20	< 20	< 20	

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH17	PLB91BH18	PLB91BH18	PLB91BH18	PLB91BH18	PLB91BH18	PLB91BH22	PLB91BH22	PLB91BH22
		12/5/1991	8/10/1991	8/10/1991	8/10/1991	8/10/1991	8/10/1991	11/22/1991	11/22/1991	11/22/1991
		BHPLB0009112-17-15	BHPLB0009108-18-03	BHPLB0009108-18-06	BHPLB0009108-18-09	BHPLB0009108-18-12	BHPLB0009108-18-15	BHPLB0009111-22-03	BHPLB0009111-22-06	BHPLB0009111-22-09
VOCs										
Acetone	67-64-1		< 0.01				< 0.01	< 0.01		
Benzene	71-43-2		< 0.01				< 0.01	< 0.01		
Bromodichloromethane	75-27-4		< 0.01				< 0.01	< 0.01		
Bromoform	75-25-2		< 0.01				< 0.01	< 0.01		
Bromomethane	74-83-9		< 0.01				< 0.01	< 0.01		
Carbon Disulfide	75-15-0		< 0.01				< 0.01	< 0.01		
Carbon Tetrachloride	56-23-5		< 0.01				< 0.01	< 0.01		
Chlorobenzene	108-90-7		< 0.01				< 0.01	< 0.01		
Chloroethane	75-00-3		< 0.01				< 0.01	< 0.01		
Chloroform	67-66-3		< 0.01				< 0.01	< 0.01		
Chloromethane	74-87-3		< 0.01				< 0.01	< 0.01		
cis-1,3-Dichloropropene	10061-01-5		< 0.01				< 0.01	< 0.01		
Dibromochloromethane	124-48-1		< 0.01				< 0.01	< 0.01		
Dichlorobenzene, 1,2-	95-50-1		< 0.005				< 0.005	< 0.005		
Dichlorobenzene, 1,3-	541-73-1		< 0.005				< 0.005	< 0.005		
Dichlorobenzene, 1,4-	106-46-7		< 0.005				< 0.005	< 0.005		
Dichloroethane, 1,1-	75-34-3		< 0.01				< 0.01	< 0.01		
Dichloroethane, 1,2-	107-06-2		< 0.01				< 0.01	< 0.01		
Dichloroethene, 1,1-	75-35-4		< 0.01				< 0.01	< 0.01		
Dichloroethene, 1,2- (Total)	540-59-0		< 0.01				< 0.01	< 0.01		
Dichloropropane, 1,2-	78-87-5		< 0.01				< 0.01	< 0.01		
Dichloropropene, trans-1,3-	10061-02-6		< 0.01				< 0.01	< 0.01		
Ethylbenzene	100-41-4		< 0.01				< 0.01	< 0.01		
Hexanone, 2-	591-78-6		< 0.01				< 0.01	< 0.01		
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01				< 0.01	< 0.01		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01				< 0.01	< 0.01		
Methylene Chloride	75-09-2		< 0.01				< 0.01	< 0.01		
Styrene	100-42-5		< 0.01				< 0.01	< 0.01		
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.01				< 0.01	< 0.01		
Tetrachloroethene	127-18-4		< 0.01				< 0.01	< 0.01		
Toluene	108-88-3		< 0.01				< 0.01	< 0.01		
Trichloroethane, 1,1,1-	71-55-6		< 0.01				< 0.01	< 0.01		
Trichloroethane, 1,1,2-	79-00-5		< 0.01				< 0.01	< 0.01		
Trichloroethene	79-01-6		< 0.01				0.02	< 0.01		
Trichlorofluoromethane	75-69-4		< 0.01				< 0.01	< 0.01		
Trichlorotrifluoroethane, 1,1,2-			< 0.005				< 0.005	< 0.005		
Vinyl Chloride	75-01-4		< 0.01				< 0.01	< 0.01		
Xylenes	1330-20-7		< 0.01				< 0.01	< 0.01		
Metals and Inorganics										
Chromium, Total	7440-47-3	***151***								
Cyanide	57-12-5		< 1				< 1	< 1		
Lead	7439-92-1	***13***								
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 10
Aroclor 1221	11104-28-2		< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 10

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH17	PLB91BH18	PLB91BH18	PLB91BH18	PLB91BH18	PLB91BH18	PLB91BH22	PLB91BH22	PLB91BH22
		12/5/1991	8/10/1991	8/10/1991	8/10/1991	8/10/1991	8/10/1991	11/22/1991	11/22/1991	11/22/1991
		BHPLB0009112-17-15	BHPLB0009108-18-03	BHPLB0009108-18-06	BHPLB0009108-18-09	BHPLB0009108-18-12	BHPLB0009108-18-15	BHPLB0009111-22-03	BHPLB0009111-22-06	BHPLB0009111-22-09
Aroclor 1232	11141-16-5		< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 10
Aroclor 1242	53469-21-9		< 1	< 1	< 1	< 1	< 1	< 1	150	320
Aroclor 1248	12672-29-6		< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 10
Aroclor 1254	11097-69-1		< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 10
Aroclor 1260	11096-82-5		< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 10
Hydrocarbons										
TPH (Total)			< 20	< 20	< 20	< 20	< 20	< 20	790	130

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH22	PLB91BH22	PLB91BH24	PLB91BH24	PLB91BH24	PLB91BH24	PLB91BH24	PLB91BH25	PLB91BH25
		11/22/1991	11/22/1991	11/11/1991	11/11/1991	11/11/1991	11/11/1991	11/11/1991	11/13/1991	11/13/1991
		BHPLB0009111-22-12	BHPLB0009111-22-15	BHPLB0009111-24-03	BHPLB0009111-24-06	BHPLB0009111-24-09	BHPLB0009111-24-12	BHPLB0009111-24-15	BHPLB0009111-25-03	BHPLB0009111-25-06
VOCs										
Acetone	67-64-1		< 0.01	< 0.01				< 1	< 0.01	
Benzene	71-43-2		< 0.01	< 0.01				< 1	< 0.01	
Bromodichloromethane	75-27-4		< 0.01	< 0.01				< 1	< 0.01	
Bromoform	75-25-2		< 0.01	< 0.01				< 1	< 0.01	
Bromomethane	74-83-9		< 0.01	< 0.01				< 1	< 0.01	
Carbon Disulfide	75-15-0		< 0.01	< 0.01				< 1	< 0.01	
Carbon Tetrachloride	56-23-5		< 0.01	< 0.01				< 1	< 0.01	
Chlorobenzene	108-90-7		< 0.01	< 0.01				< 1	< 0.01	
Chloroethane	75-00-3		< 0.01	< 0.01				< 1	< 0.01	
Chloroform	67-66-3		< 0.01	< 0.01				< 1	< 0.01	
Chloromethane	74-87-3		< 0.01	< 0.01				< 1	< 0.01	
cis-1,3-Dichloropropene	10061-01-5		< 0.01	< 0.01				< 1	< 0.01	
Dibromochloromethane	124-48-1		< 0.01	< 0.01				< 1	< 0.01	
Dichlorobenzene, 1,2-	95-50-1		< 0.005	< 0.005				< 0.5	< 0.005	
Dichlorobenzene, 1,3-	541-73-1		< 0.005	< 0.005				< 0.5	< 0.005	
Dichlorobenzene, 1,4-	106-46-7		< 0.005	< 0.005				< 0.5	< 0.005	
Dichloroethane, 1,1-	75-34-3		< 0.01	< 0.01				< 1	< 0.01	
Dichloroethane, 1,2-	107-06-2		< 0.01	< 0.01				< 1	< 0.01	
Dichloroethene, 1,1-	75-35-4		< 0.01	< 0.01				< 1	< 0.01	
Dichloroethene, 1,2- (Total)	540-59-0		< 0.01	0.14				***1.7***	< 0.01	
Dichloropropane, 1,2-	78-87-5		< 0.01	< 0.01				< 1	< 0.01	
Dichloropropene, trans-1,3-	10061-02-6		< 0.01	< 0.01				< 1	< 0.01	
Ethylbenzene	100-41-4		< 0.01	< 0.01				< 1	< 0.01	
Hexanone, 2-	591-78-6		< 0.01	< 0.01				< 1	< 0.01	
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01	< 0.01				< 1	< 0.01	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01	< 0.01				< 1	< 0.01	
Methylene Chloride	75-09-2		< 0.01	< 0.01				< 1	< 0.01	
Styrene	100-42-5		< 0.01	< 0.01				< 1	< 0.01	
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.01	< 0.01				< 1	< 0.01	
Tetrachloroethene	127-18-4		< 0.01	0.3				0.89	< 0.01	
Toluene	108-88-3		< 0.01	< 0.01				< 1	< 0.01	
Trichloroethane, 1,1,1-	71-55-6		< 0.01	< 0.01				< 1	< 0.01	
Trichloroethane, 1,1,2-	79-00-5		< 0.01	< 0.01				< 1	< 0.01	
Trichloroethene	79-01-6		< 0.01	0.33				10	0.012	
Trichlorofluoromethane	75-69-4		< 0.01	< 0.01				< 1	< 0.01	
Trichlorotrifluoroethane, 1,1,2-			< 0.005	< 0.005				< 0.5	< 0.005	
Vinyl Chloride	75-01-4		< 0.01	< 0.01				< 1	< 0.01	
Xylenes	1330-20-7		< 0.01	< 0.01				< 1	< 0.01	
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5		< 1	< 1				< 1	< 1	
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1		< 1	< 1	< 1	< 1	< 100	< 1
Aroclor 1221	11104-28-2	< 1	< 1		< 1	< 1	< 1	< 1	< 100	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH22	PLB91BH22	PLB91BH24	PLB91BH24	PLB91BH24	PLB91BH24	PLB91BH24	PLB91BH25	PLB91BH25
		11/22/1991	11/22/1991	11/11/1991	11/11/1991	11/11/1991	11/11/1991	11/11/1991	11/13/1991	11/13/1991
		BHPLB0009111-22-12	BHPLB0009111-22-15	BHPLB0009111-24-03	BHPLB0009111-24-06	BHPLB0009111-24-09	BHPLB0009111-24-12	BHPLB0009111-24-15	BHPLB0009111-25-03	BHPLB0009111-25-06
Aroclor 1232	11141-16-5	< 1	< 1		< 1	< 1	< 1	< 1	< 100	< 1
Aroclor 1242	53469-21-9	12	< 1		< 1	< 1	< 1	< 1	470	< 1
Aroclor 1248	12672-29-6	< 1	< 1		< 1	< 1	< 1	< 1	< 100	1.3
Aroclor 1254	11097-69-1	< 1	< 1		< 1	< 1	< 1	< 1	< 100	< 1
Aroclor 1260	11096-82-5	< 1	< 1		< 1	< 1	< 1	< 1	< 100	< 1
Hydrocarbons										
TPH (Total)		< 20	< 20		22	2000	110	25	430	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH25	PLB91BH25	PLB91BH25	PLB91BH26	PLB91BH26	PLB91BH26	PLB91BH26	PLB91BH26	PLB91BH27
		11/13/1991	11/13/1991	11/13/1991	11/14/1991	11/14/1991	11/14/1991	11/14/1991	11/14/1991	11/13/1991
		BHPLB0009111-25-09	BHPLB0009111-25-12	BHPLB0009111-25-15	BHPLB0009111-26-03	BHPLB0009111-26-06	BHPLB0009111-26-09	BHPLB0009111-26-12	BHPLB0009111-26-15	BHPLB0009111-27-03
VOCs										
Acetone	67-64-1			< 0.01	< 0.01				< 0.01	< 0.01
Benzene	71-43-2			< 0.01	< 0.01				< 0.01	< 0.01
Bromodichloromethane	75-27-4			< 0.01	< 0.01				< 0.01	< 0.01
Bromoform	75-25-2			< 0.01	< 0.01				< 0.01	< 0.01
Bromomethane	74-83-9			< 0.01	< 0.01				< 0.01	< 0.01
Carbon Disulfide	75-15-0			< 0.01	< 0.01				< 0.01	< 0.01
Carbon Tetrachloride	56-23-5			< 0.01	< 0.01				< 0.01	< 0.01
Chlorobenzene	108-90-7			< 0.01	< 0.01				< 0.01	< 0.01
Chloroethane	75-00-3			< 0.01	< 0.01				< 0.01	< 0.01
Chloroform	67-66-3			< 0.01	< 0.01				< 0.01	< 0.01
Chloromethane	74-87-3			< 0.01	< 0.01				< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5			< 0.01	< 0.01				< 0.01	< 0.01
Dibromochloromethane	124-48-1			< 0.01	< 0.01				< 0.01	< 0.01
Dichlorobenzene, 1,2-	95-50-1			< 0.005	< 0.005				< 0.005	< 0.005
Dichlorobenzene, 1,3-	541-73-1			< 0.005	< 0.005				< 0.005	< 0.005
Dichlorobenzene, 1,4-	106-46-7			< 0.005	< 0.005				< 0.005	< 0.005
Dichloroethane, 1,1-	75-34-3			< 0.01	< 0.01				< 0.01	< 0.01
Dichloroethane, 1,2-	107-06-2			< 0.01	< 0.01				< 0.01	< 0.01
Dichloroethene, 1,1-	75-35-4			< 0.01	< 0.01				< 0.01	< 0.01
Dichloroethene, 1,2- (Total)	540-59-0			< 0.01	< 0.01				< 0.01	< 0.01
Dichloropropane, 1,2-	78-87-5			< 0.01	< 0.01				< 0.01	< 0.01
Dichloropropene, trans-1,3-	10061-02-6			< 0.01	< 0.01				< 0.01	< 0.01
Ethylbenzene	100-41-4			< 0.01	< 0.01				< 0.01	< 0.01
Hexanone, 2-	591-78-6			< 0.01	< 0.01				< 0.01	< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 0.01	< 0.01				< 0.01	< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			< 0.01	< 0.01				< 0.01	< 0.01
Methylene Chloride	75-09-2			< 0.01	< 0.01				< 0.01	< 0.01
Styrene	100-42-5			< 0.01	< 0.01				< 0.01	< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5			< 0.01	< 0.01				< 0.01	< 0.01
Tetrachloroethene	127-18-4			< 0.01	< 0.01				< 0.01	< 0.01
Toluene	108-88-3			< 0.01	< 0.01				< 0.01	< 0.01
Trichloroethane, 1,1,1-	71-55-6			< 0.01	< 0.01				< 0.01	< 0.01
Trichloroethane, 1,1,2-	79-00-5			< 0.01	< 0.01				< 0.01	< 0.01
Trichloroethene	79-01-6			0.012	< 0.01				< 0.01	< 0.01
Trichlorofluoromethane	75-69-4			< 0.01	< 0.01				< 0.01	< 0.01
Trichlorotrifluoroethane, 1,1,2-				< 0.005	< 0.005				< 0.005	< 0.005
Vinyl Chloride	75-01-4			< 0.01	< 0.01				< 0.01	< 0.01
Xylenes	1330-20-7			< 0.01	< 0.01				< 0.01	< 0.01
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5			< 1	< 1				< 1	< 0.01
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1000	< 1000	< 100	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1000	< 1000	< 100	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH25	PLB91BH25	PLB91BH25	PLB91BH26	PLB91BH26	PLB91BH26	PLB91BH26	PLB91BH26	PLB91BH27
		11/13/1991	11/13/1991	11/13/1991	11/14/1991	11/14/1991	11/14/1991	11/14/1991	11/14/1991	11/13/1991
		BHPLB0009111-25-09	BHPLB0009111-25-12	BHPLB0009111-25-15	BHPLB0009111-26-03	BHPLB0009111-26-06	BHPLB0009111-26-09	BHPLB0009111-26-12	BHPLB0009111-26-15	BHPLB0009111-27-03
Aroclor 1232	11141-16-5	< 1000	< 1000	< 100	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	2300	2200	340	< 1	< 1	< 1	< 1	< 1	1.4
Aroclor 1248	12672-29-6	< 1000	< 1000	< 100	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1000	< 1000	< 100	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1000	< 1000	< 100	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		2200	1400	83	< 20	< 20	< 20	< 20	< 20	45

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH27	PLB91BH27	PLB91BH27	PLB91BH27	PLB91BH28	PLB91BH28	PLB91BH28	PLB91BH28	PLB91BH28
		11/13/1991	11/13/1991	11/13/1991	11/13/1991	11/23/1991	11/23/1991	11/23/1991	11/23/1991	11/23/1991
		BHPLB0009111-27-06	BHPLB0009111-27-09	BHPLB0009111-27-11	BHPLB0009111-27-15	BHPLB0009111-28-03	BHPLB0009111-28-06	BHPLB0009111-28-09	BHPLB0009111-28-12	BHPLB0009111-28-15
VOCs										
Acetone	67-64-1				< 0.01	< 0.01				< 0.01
Benzene	71-43-2				< 0.01	< 0.01				< 0.01
Bromodichloromethane	75-27-4				< 0.01	< 0.01				< 0.01
Bromoform	75-25-2				< 0.01	< 0.01				< 0.01
Bromomethane	74-83-9				< 0.01	< 0.01				< 0.01
Carbon Disulfide	75-15-0				< 0.01	< 0.01				< 0.01
Carbon Tetrachloride	56-23-5				< 0.01	< 0.01				< 0.01
Chlorobenzene	108-90-7				< 0.01	< 0.01				< 0.01
Chloroethane	75-00-3				< 0.01	< 0.01				< 0.01
Chloroform	67-66-3				< 0.01	< 0.01				< 0.01
Chloromethane	74-87-3				< 0.01	< 0.01				< 0.01
cis-1,3-Dichloropropene	10061-01-5				< 0.01	< 0.01				< 0.01
Dibromochloromethane	124-48-1				< 0.01	< 0.01				< 0.01
Dichlorobenzene, 1,2-	95-50-1				< 0.005	< 0.005				< 0.005
Dichlorobenzene, 1,3-	541-73-1				< 0.005	< 0.005				< 0.005
Dichlorobenzene, 1,4-	106-46-7				< 0.005	< 0.005				< 0.005
Dichloroethane, 1,1-	75-34-3				< 0.01	< 0.01				< 0.01
Dichloroethane, 1,2-	107-06-2				< 0.01	< 0.01				< 0.01
Dichloroethene, 1,1-	75-35-4				< 0.01	< 0.01				< 0.01
Dichloroethene, 1,2- (Total)	540-59-0				< 0.01	< 0.01				< 0.01
Dichloropropane, 1,2-	78-87-5				< 0.01	< 0.01				< 0.01
Dichloropropene, trans-1,3-	10061-02-6				< 0.01	< 0.01				< 0.01
Ethylbenzene	100-41-4				< 0.01	< 0.01				< 0.01
Hexanone, 2-	591-78-6				< 0.01	< 0.01				< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3				< 0.01	< 0.01				< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1				< 0.01	< 0.01				< 0.01
Methylene Chloride	75-09-2				< 0.01	< 0.01				< 0.01
Styrene	100-42-5				< 0.01	< 0.01				< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5				< 0.01	< 0.01				< 0.01
Tetrachloroethene	127-18-4				< 0.01	< 0.01				< 0.01
Toluene	108-88-3				< 0.01	< 0.01				< 0.01
Trichloroethane, 1,1,1-	71-55-6				< 0.01	< 0.01				< 0.01
Trichloroethane, 1,1,2-	79-00-5				< 0.01	< 0.01				< 0.01
Trichloroethene	79-01-6				< 0.01	< 0.01				< 0.01
Trichlorofluoromethane	75-69-4				< 0.01	< 0.01				< 0.01
Trichlorotrifluoroethane, 1,1,2-					< 0.005	< 0.005				< 0.005
Vinyl Chloride	75-01-4				< 0.01	< 0.01				< 0.01
Xylenes	1330-20-7				< 0.01	< 0.01				< 0.01
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5				< 1	< 1				< 1
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH27	PLB91BH27	PLB91BH27	PLB91BH27	PLB91BH28	PLB91BH28	PLB91BH28	PLB91BH28	PLB91BH28
		11/13/1991	11/13/1991	11/13/1991	11/13/1991	11/23/1991	11/23/1991	11/23/1991	11/23/1991	11/23/1991
		BHPLB0009111-27-06	BHPLB0009111-27-09	BHPLB0009111-27-11	BHPLB0009111-27-15	BHPLB0009111-28-03	BHPLB0009111-28-06	BHPLB0009111-28-09	BHPLB0009111-28-12	BHPLB0009111-28-15
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	3.4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		31	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH29	PLB91BH29	PLB91BH30	PLB91BH30	PLB91BH30	PLB91BH30	PLB91BH30	PLB91BH31	PLB91BH31
		11/23/1991	11/23/1991	12/6/1991	12/6/1991	12/6/1991	12/6/1991	12/6/1991	12/5/1991	12/5/1991
		BHPLB0009111-29-12	BHPLB0009111-29-15	BHPLB0009112-30-03	BHPLB0009112-30-06	BHPLB0009112-30-09	BHPLB0009112-30-12	BHPLB0009112-30-15	BHPLB0009112-31-03	BHPLB0009112-31-06
VOCs										
Acetone	67-64-1		< 0.01	< 0.01				< 0.01	< 0.01	
Benzene	71-43-2		< 0.01	< 0.01				< 0.01	< 0.01	
Bromodichloromethane	75-27-4		< 0.01	< 0.01				< 0.01	< 0.01	
Bromoform	75-25-2		< 0.01	< 0.01				< 0.01	< 0.01	
Bromomethane	74-83-9		< 0.01	< 0.01				< 0.01	< 0.01	
Carbon Disulfide	75-15-0		< 0.01	< 0.01				< 0.01	< 0.01	
Carbon Tetrachloride	56-23-5		< 0.01	< 0.01				< 0.01	< 0.01	
Chlorobenzene	108-90-7		< 0.01	< 0.01				< 0.01	< 0.01	
Chloroethane	75-00-3		< 0.01	< 0.01				< 0.01	< 0.01	
Chloroform	67-66-3		< 0.01	< 0.01				< 0.01	< 0.01	
Chloromethane	74-87-3		< 0.01	< 0.01				< 0.01	< 0.01	
cis-1,3-Dichloropropene	10061-01-5		< 0.01	< 0.01				< 0.01	< 0.01	
Dibromochloromethane	124-48-1		< 0.01	< 0.01				< 0.01	< 0.01	
Dichlorobenzene, 1,2-	95-50-1		< 0.005	< 0.005				< 0.005	< 0.005	
Dichlorobenzene, 1,3-	541-73-1		< 0.005	< 0.005				< 0.005	< 0.005	
Dichlorobenzene, 1,4-	106-46-7		< 0.005	< 0.005				< 0.005	< 0.005	
Dichloroethane, 1,1-	75-34-3		< 0.01	< 0.01				< 0.01	< 0.01	
Dichloroethane, 1,2-	107-06-2		< 0.01	< 0.01				< 0.01	< 0.01	
Dichloroethene, 1,1-	75-35-4		< 0.01	< 0.01				< 0.01	< 0.01	
Dichloroethene, 1,2- (Total)	540-59-0		< 0.01	0.039				0.7	0.22	
Dichloropropane, 1,2-	78-87-5		< 0.01	< 0.01				< 0.01	< 0.01	
Dichloropropene, trans-1,3-	10061-02-6		< 0.01	< 0.01				< 0.01	< 0.01	
Ethylbenzene	100-41-4		< 0.01	< 0.01				< 0.01	< 0.01	
Hexanone, 2-	591-78-6		< 0.01	< 0.01				< 0.01	< 0.01	
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 0.01	< 0.01				< 0.01	< 0.01	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 0.01	< 0.01				< 0.01	< 0.01	
Methylene Chloride	75-09-2		< 0.01	< 0.01				< 0.01	< 0.01	
Styrene	100-42-5		< 0.01	< 0.01				< 0.01	< 0.01	
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.01	< 0.01				< 0.01	< 0.01	
Tetrachloroethene	127-18-4		< 0.01	< 0.01				0.044	< 0.01	
Toluene	108-88-3		< 0.01	< 0.01				< 0.01	< 0.01	
Trichloroethane, 1,1,1-	71-55-6		< 0.01	< 0.01				< 0.01	< 0.01	
Trichloroethane, 1,1,2-	79-00-5		< 0.01	< 0.01				< 0.01	< 0.01	
Trichloroethene	79-01-6		< 0.01	0.021				0.91	< 0.01	
Trichlorofluoromethane	75-69-4		< 0.01	< 0.01				< 0.01	< 0.01	
Trichlorotrifluoroethane, 1,1,2-			< 0.005	< 0.005				< 0.005	< 0.005	
Vinyl Chloride	75-01-4		< 0.01	< 0.01				< 0.01	< 0.01	
Xylenes	1330-20-7		< 0.01	< 0.01				< 0.01	< 0.01	
Metals and Inorganics										
Chromium, Total	7440-47-3									
Cyanide	57-12-5		< 1	< 1				< 1	< 1	
Lead	7439-92-1									
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH29	PLB91BH29	PLB91BH30	PLB91BH30	PLB91BH30	PLB91BH30	PLB91BH30	PLB91BH31	PLB91BH31
		11/23/1991	11/23/1991	12/6/1991	12/6/1991	12/6/1991	12/6/1991	12/6/1991	12/5/1991	12/5/1991
		BHPLB0009111-29-12	BHPLB0009111-29-15	BHPLB0009112-30-03	BHPLB0009112-30-06	BHPLB0009112-30-09	BHPLB0009112-30-12	BHPLB0009112-30-15	BHPLB0009112-31-03	BHPLB0009112-31-06
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons										
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH31	PLB91BH31	PLB91BH31	PLB91BH32	PLB91BH32	PLB91BH32	PLB91BH32	PLB91BH32
		12/5/1991	12/5/1991	12/5/1991	12/5/1991	12/5/1991	12/5/1991	12/5/1991	12/5/1991
		BHPLB0009112-31-09	BHPLB0009112-31-12	BHPLB0009112-31-15	BHPLB0009112-32-03	BHPLB0009112-32-06	BHPLB0009112-32-09	BHPLB0009112-32-12	BHPLB0009112-32-15
VOCs									
Acetone	67-64-1			< 0.01	< 0.01				< 0.01
Benzene	71-43-2			< 0.01	< 0.01				< 0.01
Bromodichloromethane	75-27-4			< 0.01	< 0.01				< 0.01
Bromoform	75-25-2			< 0.01	< 0.01				< 0.01
Bromomethane	74-83-9			< 0.01	< 0.01				< 0.01
Carbon Disulfide	75-15-0			< 0.01	< 0.01				< 0.01
Carbon Tetrachloride	56-23-5			< 0.01	< 0.01				< 0.01
Chlorobenzene	108-90-7			< 0.01	< 0.01				< 0.01
Chloroethane	75-00-3			< 0.01	< 0.01				< 0.01
Chloroform	67-66-3			< 0.01	< 0.01				< 0.01
Chloromethane	74-87-3			< 0.01	< 0.01				< 0.01
cis-1,3-Dichloropropene	10061-01-5			< 0.01	< 0.01				< 0.01
Dibromochloromethane	124-48-1			< 0.01	< 0.01				< 0.01
Dichlorobenzene, 1,2-	95-50-1			< 0.005	< 0.005				< 0.005
Dichlorobenzene, 1,3-	541-73-1			< 0.005	< 0.005				< 0.005
Dichlorobenzene, 1,4-	106-46-7			< 0.005	< 0.005				< 0.005
Dichloroethane, 1,1-	75-34-3			< 0.01	< 0.01				< 0.01
Dichloroethane, 1,2-	107-06-2			< 0.01	< 0.01				< 0.01
Dichloroethene, 1,1-	75-35-4			< 0.01	0.037				0.048
Dichloroethene, 1,2- (Total)	540-59-0			0.2	< 0.01				< 0.01
Dichloropropane, 1,2-	78-87-5			< 0.01	< 0.01				< 0.01
Dichloropropene, trans-1,3-	10061-02-6			< 0.01	< 0.01				< 0.01
Ethylbenzene	100-41-4			< 0.01	< 0.01				< 0.01
Hexanone, 2-	591-78-6			< 0.01	< 0.01				< 0.01
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 0.01	< 0.01				< 0.01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			< 0.01	< 0.01				< 0.01
Methylene Chloride	75-09-2			< 0.01	< 0.01				< 0.01
Styrene	100-42-5			< 0.01	< 0.01				< 0.01
Tetrachloroethane, 1,1,2,2-	79-34-5			< 0.01	< 0.01				< 0.01
Tetrachloroethene	127-18-4			0.37	0.028				< 0.01
Toluene	108-88-3			< 0.01	< 0.01				< 0.01
Trichloroethane, 1,1,1-	71-55-6			< 0.01	< 0.01				< 0.01
Trichloroethane, 1,1,2-	79-00-5			< 0.01	< 0.01				< 0.01
Trichloroethene	79-01-6			0.43	0.042				0.31
Trichlorofluoromethane	75-69-4			< 0.01	< 0.01				< 0.01
Trichlorotrifluoroethane, 1,1,2-				< 0.005	< 0.005				< 0.005
Vinyl Chloride	75-01-4			< 0.01	< 0.01				< 0.01
Xylenes	1330-20-7			< 0.01	< 0.01				< 0.01
Metals and Inorganics									
Chromium, Total	7440-47-3								
Cyanide	57-12-5			< 1	< 1				< 1
Lead	7439-92-1								
PCBs and Dioxins									
Aroclor 1016	12674-11-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1221	11104-28-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table A-9
Comparison of Subsurface Soil Data to Human Health Screening Criteria (PLB91)
Bannister Federal Complex

Chemical	CAS	PLB91BH31	PLB91BH31	PLB91BH31	PLB91BH32	PLB91BH32	PLB91BH32	PLB91BH32	PLB91BH32
		12/5/1991	12/5/1991	12/5/1991	12/5/1991	12/5/1991	12/5/1991	12/5/1991	12/5/1991
		BHPLB0009112-31-09	BHPLB0009112-31-12	BHPLB0009112-31-15	BHPLB0009112-32-03	BHPLB0009112-32-06	BHPLB0009112-32-09	BHPLB0009112-32-12	BHPLB0009112-32-15
Aroclor 1232	11141-16-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1242	53469-21-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1248	12672-29-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1254	11097-69-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1260	11096-82-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hydrocarbons									
TPH (Total)		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20

Notes:
< = Result is non-detect, less than the reporting limit given.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health residential screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-10
Comparison of Background Groundwater Data (Total) to Tapwater Screening Criteria
Bannister Federal Complex

Chemical	CAS	KC84-010	KC84-010	KC84-010	KC84-010	KC84-010	KC84-010	KC84-012	KC84-012
		9/18/2009	9/18/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	10/17/2011	10/17/2011
		KC84-010L-090918-01	KC84-010U-090918-01	KC84-010L-101310-01	KC84-010U-101013-01	KC84-010L-111017-01	KC84-010U-111017-01	KC84-012L-111017-01	KC84-012U-111017-01
VOCs									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-11
Comparison of Background Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Bannister Federal Complex

Chemical	CAS	KC84-010	KC84-010	KC84-010	KC84-010	KC84-010	KC84-010	KC84-012	KC84-012
		9/18/2009	9/18/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	10/17/2011	10/17/2011
		KC84-010L-090918-01	KC84-010U-090918-01	KC84-010L-101310-01	KC84-010U-101013-01	KC84-010L-111017-01	KC84-010U-111017-01	KC84-012L-111017-01	KC84-012U-111017-01
VOCs									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01
VOCs										
Acetone	67-64-1	< 50	< 5000	< 500	< 100	< 50	< 50	< 500		
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 5	< 500	< 50	< 10	< 5	< 5	< 50	3.3 J	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Bromochloromethane	74-97-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Bromodichloromethane	75-27-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Bromoform	75-25-2	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Bromomethane	74-83-9	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Butylbenzene, n-	104-51-8	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Butylbenzene, sec-	135-98-8	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Butylbenzene, tert-	98-06-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Carbon Disulfide	75-15-0	< 25	< 2500	< 250	< 50	< 25	< 25	< 250		
Carbon Tetrachloride	56-23-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 7	< 0.7
Chloroethane	75-00-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Chloroform	67-66-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Chloromethane	74-87-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Chlorotoluene, p-	106-43-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
cis-1,3-Dichloropropene	10061-01-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8	< 12.5	< 1250	< 125	< 25	< 12.5	< 12.5	< 125		
Dibromochloromethane	124-48-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dibromoethane, 1,2-	106-93-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dibromomethane (Methylene Bromide)	74-95-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 10	< 1
Dichlorobenzene, 1,3-	541-73-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichlorobenzene, 1,4-	106-46-7	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichlorodifluoromethane	75-71-8	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloroethane, 1,1-	75-34-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 13	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 5	< 500	238	< 10	< 5	< 5	< 50	3.5 J	0.95
Dichloroethylene, 1,2-cis-	156-59-2	< 5	< 500	238	< 10	< 5	< 5	< 50		
Dichloroethylene, 1,2-trans-	156-60-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01
Dichloropropane, 1,2-	78-87-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloropropane, 1,3-	142-28-9	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloropropane, 2,2-	594-20-7	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloropropene, 1,1-	563-58-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloropropene, trans-1,3-	10061-02-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Diisopropyl Ether	108-20-3					< 1	< 1	< 1		
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethyl tert Butyl Ether	637-92-3					< 1	< 1	< 1		
Ethylbenzene	100-41-4	< 5	< 2	< 50	< 10	< 5	< 5	< 50	< 20	< 2
Hexachlorobutadiene	87-68-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Hexanone, 2-	591-78-6	< 50	< 5000	< 500	< 100	< 50	< 50	< 500		
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Isopropyltoluene, p-	99-87-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 50	< 5000	< 500	< 100	< 50	< 50	< 500		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 50	< 5000	< 500	< 100	< 50	< 50	< 500	< 50	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 5	< 500	< 50	< 10	< 1	< 1	< 1		
Methylene Chloride	75-09-2	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Naphthalene	91-20-3	< 50	< 5000	< 500	< 100	< 1	< 1	< 1		
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Styrene	100-42-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
tert-Butyl alcohol	75-65-0	< 50	< 5000	< 500	< 100	< 10	< 10	< 10		
Tertiary-Amyl-Methyl Ether	994-05-8					< 1	< 1	< 1		
Tetrachloroethane, 1,1,1,2-	630-20-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Tetrachloroethane, 1,1,2,2-	79-34-5	< 5	< 500	< 50	< 10					
Tetrachloroethene	127-18-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 5	< 0.5
Toluene	108-88-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50	1.6 J	< 2
Trichlorobenzene, 1,2,3-	87-61-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Trichlorobenzene, 1,2,4-	120-82-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Trichloroethane, 1,1,1-	71-55-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Trichloroethene	79-01-6	11.8	43300	1330	< 10	< 5	< 5	< 50	477	516
Trichlorofluoromethane	75-69-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50	2.7 J	3.6
Trichloropropane, 1,2,3-	96-18-4	< 12.5	< 1250	< 125	< 25	< 12.5	< 12.5	< 125		
Trichlorotrifluoroethane, 1,1,2-									3.1 J	< 5
Trimethylbenzene, 1,2,4-	95-63-6	< 5	2.4	< 50	< 10	< 5	< 5	< 50		
Trimethylbenzene, 1,3,5-	108-67-8	< 5	< 2	< 50	< 10	< 5	< 5	< 50		
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 18	< 1.8

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 15	< 1500	< 150	< 30	< 15	< 15	< 150	5.2 J	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9					< 1	< 1	< 1		
Acenaphthylene	208-96-8					< 1	< 1	< 1		
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7					< 1	< 1	< 1		
Aramite	140-57-8									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3					< 1	< 1	1.1		
Benzo[a]pyrene	50-32-8					< 1	< 1	< 1		
Benzo[b]fluoranthene	205-99-2					< 1	< 1	1.7		
Benzo[g,h,i]perylene	191-24-2					< 1	< 1	< 1		
Benzo[k]fluoranthene	207-08-9					< 1	< 1	< 1		
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, 3&4-										
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9					< 1	< 1	1.1		
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3					< 1	< 1	< 1		
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Diphenylhydrazine, 1,2-	122-66-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0					< 1	1.1	3.6		
Fluorene	86-73-7					< 1	< 1	< 1		
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5					< 1	< 1	< 1		
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8					< 1	< 1	3.2		
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01
Picoline, 2-	109-06-8									
Pyrene	129-00-0					< 1	< 1	2.3		
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2					1090	695	493		
Barium	7440-39-3					3960	11400	5480		
Beryllium	7440-41-7									
Cadmium	7440-43-9					413	251	146		
Chromium, Total	7440-47-3					399	658	438		
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1					2670	1550	1350		
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2					192	192	16		
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2								< 0.5	< 0.5
Aroclor 1221	11104-28-2								< 0.5	< 0.5
Aroclor 1232	11141-16-5								< 0.5	< 0.5
Aroclor 1242	53469-21-9								< 0.5	< 0.5
Aroclor 1248	12672-29-6								< 0.5	< 0.5
Aroclor 1254	11097-69-1								< 0.5	< 0.5
Aroclor 1260	11096-82-5								< 0.5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Diesel Range Organics						< 1000	< 1000	< 1000		
Gasoline Range Organics						< 500	< 500	< 500		
Oil Range Hydrocarbons						< 1000	< 1000	< 1000		

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 200	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 70	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 100	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 1	< 70	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	13.5 J	15.4	23.9	4	6.5	2.5	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	2.9	10600	17600	16200	1260	2030	452	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethyl tert Butyl Ether	637-92-3									
Ethylbenzene	100-41-4	< 2	< 200	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 500	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 200	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	607	< 120	3.1	9.8	247	5	1980	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	5	< 100	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		5.5	< 500	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	7250	7710	7730	154	183	23.3	< 1.8	< 1.8

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 700	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, 3&4-										
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Diphenylhydrazine, 1,2-	122-66-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1248	12672-29-6		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Diesel Range Organics										
Gasoline Range Organics										
Oil Range Hydrocarbons										

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 400	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 140	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 200	< 1	5.2	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 140	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 100	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 260	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 100	2.2	7.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethyl tert Butyl Ether	637-92-3									
Ethylbenzene	100-41-4	< 2	< 400	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 1000	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 100	2.8	3.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 400	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 100	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	11800	8380	28800	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	23.5 J	30.9	39.8	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 1000	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 360	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 1400	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, 3&4-										
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Diphenylhydrazine, 1,2-	122-66-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1248	12672-29-6		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Diesel Range Organics										
Gasoline Range Organics										
Oil Range Hydrocarbons										

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 20	< 2	< 2	< 2	< 2	< 2		
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4								< 1.5	
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7		
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7								< 1.6	
Chlorophenol, 2-	95-57-8								< 1.4	
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7								< 1.3	
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 10	< 1	< 1	< 1	< 1	37.3	< 1.5	
Dichlorobenzene, 1,3-	541-73-1								< 1.5	
Dichlorobenzene, 1,4-	106-46-7								< 1.5	
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7		
Dichloroethane, 1,2-	107-06-2	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Dichloroethene, 1,1-	75-35-4	< 1.3	1.1 J	1.5	1.3	< 1.3	< 1.3	< 1.3		
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	440	469	454	4.3	13	47.1		
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethyl tert Butyl Ether	637-92-3									
Ethylbenzene	100-41-4	< 2	< 20	< 2	< 2	< 2	< 2	< 2		
Hexachlorobutadiene	87-68-3								< 1.3	
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 50	< 5	< 5	< 5	< 5	< 5		
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3								< 0.09	
Nitrobenzene	98-95-3								< 2	
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Toluene	108-88-3	< 2	1.4 J	< 2	< 2	< 2	< 2	< 2		
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1								< 1.5	
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 12	9.7	3.5	76.9	101	2750		
Trichlorofluoromethane	75-69-4	< 1	< 10	< 1	< 1	< 1	< 1	< 1		
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 50	< 5	< 5	< 5	< 5	< 5		
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 18	26.3	16.2	< 1.8	< 1.8	< 1.8		

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	2 J	< 7	< 7	< 7	< 7	< 7		
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9								< 0.05	
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3								< 5.3	
Anthracene	120-12-7								< 0.06	
Aramite	140-57-8									
Benzidine	92-87-5								< 6.9	
Benzo[a]anthracene	56-55-3								< 0.05	
Benzo[a]pyrene	50-32-8								< 0.08	
Benzo[b]fluoranthene	205-99-2								< 0.07	
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9								< 0.07	
Benzoic Acid	65-85-0								< 5.8	
Benzyl Alcohol	100-51-6								< 1.5	
Bis(2-chloroethoxy)methane	111-91-1								< 1.5	
bis(2-Chloroisopropyl)ether	39638-32-9								< 2.3	
Bis(2-ethylhexyl)phthalate	117-81-7								3 J	
Bromophenyl phenyl ether, 4-	101-55-3								< 1.6	
Butyl Benzyl Phthlate	85-68-7								< 1.9	
Carbazole	86-74-8								< 1.7	
Chloroaniline, 3&4-										
Chloroaniline, p-	106-47-8								< 5	
Chlorophenyl-phenylether, 4-	7005-72-3								< 1.5	
Chrysene	218-01-9								< 0.05	
Cresol, 3&4-									< 1.8	
Cresol, o-	95-48-7								< 0.97	
Dibenz[a,h]anthracene	53-70-3								< 0.07	
Dibenzofuran	132-64-9								< 1.5	
Dibutyl Phthalate	84-74-2								< 1.2	
Dichlorobenzidine, 3,3'-	91-94-1								< 3.7	
Dichlorophenol, 2,4-	120-83-2								< 2.6	
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2								< 1.2	
Dimethyl phthalate	131-11-3								< 1.2	
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9								< 1.5	
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1								< 1.6	
Dinitrophenol, 2,4-	51-28-5								< 18	

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01
Dinitrotoluene, 2,4-	121-14-2								< 1.7	
Dinitrotoluene, 2,6-	606-20-2								< 1.5	
Di-n-octylphthalate									< 1.5	
Dinoseb	88-85-7									
Diphenylhydrazine, 1,2-	122-66-7								< 1.6	
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0								< 0.05	
Fluorene	86-73-7								< 0.08	
Hexachlorobenzene	118-74-1								< 1.6	
Hexachlorocyclopentadiene	77-47-4								< 6	
Hexachloroethane	67-72-1								< 1.1	
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1								< 1.4	
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4								< 1.7	
Nitroaniline, 3-	99-09-2								< 3.9	
Nitroaniline, 4-	100-01-6								< 2.7	
Nitrophenol, 2-	88-75-5								< 2.3	
Nitrophenol, 4-	100-02-7								< 7.8	
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9								< 1.1	
Nitroso-di-N-propylamine, N-	621-64-7								< 1.7	
Nitrosodiphenylamine, N-	86-30-6								< 1.9	
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5								< 15	
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2								< 0.87	
Phenylenediamine, p-	106-50-3									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01
Picoline, 2-	109-06-8									
Pyrene	129-00-0								< 0.09	
Pyridine	110-86-1								< 1.2	
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4								< 1.3	
Trichlorophenol, 2,4,6-	88-06-2								< 1.3	
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2								2170	931 J
Barium	7440-39-3								27900	20100 J
Beryllium	7440-41-7									
Cadmium	7440-43-9								394	110 J
Chromium, Total	7440-47-3								1520	1410 J
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1								940	1350 J
Mercury	7439-97-6								5.8	4 J
Nickel	7440-02-0									
Selenium	7782-49-2								20.2 J	189 J
Silver	7440-22-4								18.6 J	97.9 J
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1221	11104-28-2		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1232	11141-16-5		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1242	53469-21-9		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1248	12672-29-6		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1254	11097-69-1		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1260	11096-82-5		< 0.5	< 0.5		< 0.5	< 0.5			
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Diesel Range Organics										
Gasoline Range Organics										
Oil Range Hydrocarbons										

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01
VOCs										
Acetone	67-64-1								< 10	
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2							< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4	< 1.3	< 1.3	< 1.4	< 1.3					
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0								< 5	
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7							36.7	35.2	24.5
Chloroethane	75-00-3									
Chloroform	67-66-3								< 0.5	
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7	< 1.4	< 1.4	< 1.5	< 1.4					
Chlorophenol, 2-	95-57-8	< 1.2	< 1.2	< 1.3	< 1.2					
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7	< 1.2	< 1.2	< 1.3	< 1.2					
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1.3	< 1.3	< 1.3	< 1.3			10.8	12	8.6
Dichlorobenzene, 1,3-	541-73-1	< 1.3	< 1.3	< 1.3	< 1.3					
Dichlorobenzene, 1,4-	106-46-7	< 1.3	< 1.3	< 1.4	< 1.3					
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3							4.1	4.6	4.7
Dichloroethane, 1,2-	107-06-2							< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4							< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0							218	384	167
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethyl tert Butyl Ether	637-92-3									
Ethylbenzene	100-41-4							< 2		< 2
Hexachlorobutadiene	87-68-3	< 1.1	< 1.1	< 1.2	< 1.1					
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3								< 5	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3	< 0.08	< 0.08	< 0.08	< 0.08					
Nitrobenzene	98-95-3	< 1.7	< 1.7	< 1.9	< 1.7					
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4							< 0.5	< 0.5	< 0.5
Toluene	108-88-3							< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1	< 1.3	< 1.3	< 1.4	< 1.3					
Trichloroethane, 1,1,1-	71-55-6							< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5								< 0.5	
Trichloroethene	79-01-6							< 1.2	1.3	< 1.2
Trichlorofluoromethane	75-69-4							< 1		< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-								< 5		< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4							9.9	14.3	14

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01
Xylene, o-	95-47-6									
Xylenes	1330-20-7							< 7		< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9	< 0.04	< 0.04	< 0.05	< 0.04					
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3	< 4.6	< 4.6	< 4.9	< 4.6					
Anthracene	120-12-7	< 0.05	< 0.05	< 0.06	< 0.05					
Aramite	140-57-8									
Benzidine	92-87-5	< 6	< 6	< 6.4	< 6					
Benzo[a]anthracene	56-55-3	< 0.04	< 0.04	< 0.04	< 0.04					
Benzo[a]pyrene	50-32-8	< 0.06	< 0.06	< 0.07	< 0.06					
Benzo[b]fluoranthene	205-99-2	< 0.06	< 0.06	< 0.07	< 0.06					
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9	< 0.06	< 0.06	< 0.06	< 0.06					
Benzoic Acid	65-85-0	< 5	< 5	< 5.4	< 5					
Benzyl Alcohol	100-51-6	< 1.3	< 1.3	< 1.4	< 1.3					
Bis(2-chloroethoxy)methane	111-91-1	< 1.3	< 1.3	< 1.4	< 1.3					
bis(2-Chloroisopropyl)ether	39638-32-9	< 2	< 2	< 2.1	< 2					
Bis(2-ethylhexyl)phthalate	117-81-7	3.5 J	2.3 J	2.4 J	< 1.8					
Bromophenyl phenyl ether, 4-	101-55-3	< 1.4	< 1.4	< 1.5	< 1.4					
Butyl Benzyl Phthlate	85-68-7	< 1.6	< 1.6	< 1.8	< 1.6					
Carbazole	86-74-8	< 1.5	< 1.5	< 1.6	< 1.5					
Chloroaniline, 3&4-										
Chloroaniline, p-	106-47-8	< 4.3	< 4.3	< 4.6	< 4.3					
Chlorophenyl-phenylether, 4-	7005-72-3	< 1.3	< 1.3	< 1.4	< 1.3					
Chrysene	218-01-9	< 0.04	< 0.04	< 0.05	< 0.04					
Cresol, 3&4-		< 1.6	< 1.6	< 1.7	< 1.6					
Cresol, o-	95-48-7	< 0.83	< 0.83	< 0.9	< 0.83					
Dibenz[a,h]anthracene	53-70-3	< 0.06	< 0.06	< 0.06	< 0.06					
Dibenzofuran	132-64-9	< 1.3	< 1.3	< 1.4	< 1.3					
Dibutyl Phthalate	84-74-2	< 1	< 1	< 1.1	< 1					
Dichlorobenzidine, 3,3'-	91-94-1	< 3.2	< 3.2	< 3.4	< 3.2					
Dichlorophenol, 2,4-	120-83-2	< 2.2	< 2.2	< 2.4	< 2.2					
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2	< 1.1	< 1.1	< 1.2	< 1.1					
Dimethyl phthalate	131-11-3	< 1.1	< 1.1	< 1.1	< 1.1					
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9	< 1.3	< 1.3	< 1.4	< 1.3					
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1	< 1.4	< 1.4	< 1.5	< 1.4					
Dinitrophenol, 2,4-	51-28-5	< 15	< 15	< 16	< 15					

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01
Dinitrotoluene, 2,4-	121-14-2	< 1.4	< 1.4	< 1.5	< 1.4					
Dinitrotoluene, 2,6-	606-20-2	< 1.3	< 1.3	< 1.4	< 1.3					
Di-n-octylphthalate		< 1.3	< 1.3	< 1.4	< 1.3					
Dinoseb	88-85-7									
Diphenylhydrazine, 1,2-	122-66-7	< 1.4	< 1.4	< 1.5	< 1.4					
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0	< 0.05	< 0.05	< 0.05	< 0.05					
Fluorene	86-73-7	< 0.06	< 0.06	< 0.07	< 0.06					
Hexachlorobenzene	118-74-1	< 1.3	< 1.3	< 1.4	< 1.3					
Hexachlorocyclopentadiene	77-47-4	< 5.2	< 5.2	< 5.6	< 5.2					
Hexachloroethane	67-72-1	< 0.97	< 0.97	< 1	< 0.97					
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1	< 1.2	< 1.2	< 1.3	< 1.2					
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4	< 1.4	< 1.4	< 1.5	< 1.4					
Nitroaniline, 3-	99-09-2	< 3.3	< 3.3	< 3.6	< 3.3					
Nitroaniline, 4-	100-01-6	< 2.3	< 2.3	< 2.5	< 2.3					
Nitrophenol, 2-	88-75-5	< 2	< 2	< 2.1	< 2					
Nitrophenol, 4-	100-02-7	< 6.7	< 6.7	< 7.2	< 6.7					
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9	< 0.97	< 0.97	< 1	< 0.97					
Nitroso-di-N-propylamine, N-	621-64-7	< 1.4	< 1.4	< 1.5	< 1.4					
Nitrosodiphenylamine, N-	86-30-6	< 1.7	< 1.7	< 1.8	< 1.7					
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5	< 13	< 13	< 14	< 13					
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2	< 0.75	< 0.75	< 0.81	< 0.75					
Phenylenediamine, p-	106-50-3									

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01
Picoline, 2-	109-06-8									
Pyrene	129-00-0	< 0.08	< 0.08	< 0.09	< 0.08					
Pyridine	110-86-1	< 0.99	< 0.99	< 1.1	< 0.99					
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4	< 1.2	< 1.2	< 1.2	< 1.2					
Trichlorophenol, 2,4,6-	88-06-2	< 1.1	< 1.1	< 1.2	< 1.1					
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2	87.7	404	139	92.4	116	250			
Barium	7440-39-3	1750	4960	2860	1590	2680	7430			
Beryllium	7440-41-7									
Cadmium	7440-43-9	17.1	48.2	412	147	400	4130			
Chromium, Total	7440-47-3	758	725	518	457	324	1190			
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1	153	466	456	313	415	6340			
Mercury	7439-97-6	0.39	1.5	1.9	0.57	2.4	5.2			
Nickel	7440-02-0									
Selenium	7782-49-2	< 3.2	< 16	172	25.6	64.3	282			
Silver	7440-22-4	4.1 J	12.7	17.2	11.3	20.4	40.3 J			
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2	< 0.22		< 0.15	< 0.14					
Aroclor 1221	11104-28-2	< 0.33		< 0.23	< 0.21					
Aroclor 1232	11141-16-5	< 0.17		< 0.12	< 0.11					
Aroclor 1242	53469-21-9	< 0.17		< 0.12	< 0.11					
Aroclor 1248	12672-29-6	< 0.22		< 0.16	< 0.15					
Aroclor 1254	11097-69-1	< 0.16		< 0.11	< 0.11					
Aroclor 1260	11096-82-5	< 0.17		< 0.12	< 0.11					
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Diesel Range Organics										
Gasoline Range Organics										
Oil Range Hydrocarbons										

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01
VOCs					
Acetone	67-64-1	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8	< 100			
Acetophenone	98-86-2	< 10			
Acrolein	107-02-8	< 20			
Acrylonitrile	107-13-1	< 20			
Allyl Chloride	107-05-1	< 10			
Benzene	71-43-2	< 5	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1	< 10			
Bis(2-chloroethyl)ether	111-44-4	< 10			
Bromobenzene	108-86-1				
Bromochloromethane	74-97-5				
Bromodichloromethane	75-27-4	< 5			
Bromoform	75-25-2	< 5			
Bromomethane	74-83-9	< 5			
Butylbenzene, n-	104-51-8				
Butylbenzene, sec-	135-98-8				
Butylbenzene, tert-	98-06-6				
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 5			
Chloro-1,3-butadiene, 2-	126-99-8	< 5			
Chlorobenzene	108-90-7	< 5	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3	< 5			
Chloroform	67-66-3	< 5	< 0.5	< 0.5	< 1
Chloromethane	74-87-3	< 5			
Chloronaphthalene, Beta-	91-58-7	< 10			
Chlorophenol, 2-	95-57-8	< 10			
Chlorotoluene, o-	95-49-8				
Chlorotoluene, p-	106-43-4				
cis-1,3-Dichloropropene	10061-01-5	< 5			
Cresol, p-chloro-m-	59-50-7	< 10			
Dibromo-3-chloropropane, 1,2-	96-12-8	< 5			
Dibromochloromethane	124-48-1	< 5			
Dibromoethane, 1,2-	106-93-4	< 5			
Dibromomethane (Methylene Bromide)	74-95-3	< 5			
Dichloro-2-butene, trans-1,4-	110-57-6	< 5			
Dichlorobenzene, 1,2-	95-50-1	< 10	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1	< 10			
Dichlorobenzene, 1,4-	106-46-7	< 10			
Dichlorodifluoromethane	75-71-8	< 5			
Dichloroethane, 1,1-	75-34-3	< 5	4.4	5.5	5.6
Dichloroethane, 1,2-	107-06-2	< 5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 5	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0		7.1	8.2	7.9
Dichloroethylene, 1,2-cis-	156-59-2				
Dichloroethylene, 1,2-trans-	156-60-5	< 5			

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01
Dichloropropane, 1,2-	78-87-5	< 5			
Dichloropropane, 1,3-	142-28-9				
Dichloropropane, 2,2-	594-20-7				
Dichloropropene, 1,1-	563-58-6				
Dichloropropene, trans-1,3-	10061-02-6	< 5			
Diisopropyl Ether	108-20-3				
Dioxane, 1,4-	123-91-1	< 250			
Ethyl Methacrylate	97-63-2	< 10			
Ethyl tert Butyl Ether	637-92-3				
Ethylbenzene	100-41-4	< 5			
Hexachlorobutadiene	87-68-3	< 10			
Hexanone, 2-	591-78-6	< 10			
Iodomethane	74-88-4	< 5			
Isobutyl Alcohol	78-83-1	< 250			
Isopropylbenzene (Cumene)	98-82-8				
Isopropyltoluene, p-	99-87-6				
Methacrylonitrile	126-98-7	< 100			
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 5	< 5	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 10	< 5	< 5	< 5
Methyl Methacrylate	80-62-6	< 10			
Methyl tert-Butyl Ether (MTBE)	1634-04-4				
Methylene Chloride	75-09-2	< 5			
Naphthalene	91-20-3	< 10			
Nitrobenzene	98-95-3	< 10			
Nitroso-di-N-butylamine, N-	924-16-3	< 10			
Propionitrile	107-12-0	< 20			
Propylbenzene, n-	103-65-1				
Styrene	100-42-5	< 5			
tert-Butyl alcohol	75-65-0				
Tertiary-Amyl-Methyl Ether	994-05-8				
Tetrachloroethane, 1,1,1,2-	630-20-6	< 5			
Tetrachloroethane, 1,1,2,2-	79-34-5	< 5			
Tetrachloroethene	127-18-4	< 5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 5	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6				
Trichlorobenzene, 1,2,4-	120-82-1	< 10			
Trichloroethane, 1,1,1-	71-55-6	< 5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 5	< 0.5	< 0.5	< 1
Trichloroethene	79-01-6	< 5	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 5			
Trichloropropane, 1,2,3-	96-18-4	< 5			
Trichlorotrifluoroethane, 1,1,2-					
Trimethylbenzene, 1,2,4-	95-63-6				
Trimethylbenzene, 1,3,5-	108-67-8				
Vinyl Acetate	108-05-4	< 10			
Vinyl Chloride	75-01-4	< 5	< 1.8	2	2.1

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01
Xylene, o-	95-47-6	< 5			
Xylenes	1330-20-7				
Xylenes, m & p		< 5			
SVOCs					
Acenaphthene	83-32-9	< 10			
Acenaphthylene	208-96-8	< 10			
Acetylaminofluorene, 2-	53-96-3	< 10			
Aniline	62-53-3	< 10			
Anthracene	120-12-7	< 10			
Aramite	140-57-8	< 10			
Benzidine	92-87-5				
Benzo[a]anthracene	56-55-3	< 10			
Benzo[a]pyrene	50-32-8	< 10			
Benzo[b]fluoranthene	205-99-2	< 10			
Benzo[g,h,i]perylene	191-24-2	< 10			
Benzo[k]fluoranthene	207-08-9	< 10			
Benzoic Acid	65-85-0				
Benzyl Alcohol	100-51-6	< 10			
Bis(2-chloroethoxy)methane	111-91-1	< 10			
bis(2-Chloroisopropyl)ether	39638-32-9				
Bis(2-ethylhexyl)phthalate	117-81-7	< 10			
Bromophenyl phenyl ether, 4-	101-55-3	< 10			
Butyl Benzyl Phthlate	85-68-7	< 10			
Carbazole	86-74-8				
Chloroaniline, 3&4-		< 10			
Chloroaniline, p-	106-47-8				
Chlorophenyl-phenylether, 4-	7005-72-3	< 10			
Chrysene	218-01-9	< 10			
Cresol, 3&4-		< 10			
Cresol, o-	95-48-7	< 10			
Dibenz[a,h]anthracene	53-70-3	< 10			
Dibenzofuran	132-64-9	< 10			
Dibutyl Phthalate	84-74-2	< 10			
Dichlorobenzidine, 3,3'-	91-94-1	< 20			
Dichlorophenol, 2,4-	120-83-2	< 10			
Dichlorophenol, 2,6-	87-65-0	< 10			
Diethyl Phthalate	84-66-2	< 10			
Dimethyl phthalate	131-11-3	< 10			
Dimethylamino azobenzene [p-]	60-11-7	< 10			
Dimethylbenz(a)anthracene, 7,12-	57-97-6	< 10			
Dimethylbenzidine, 3,3'-	119-93-7	< 10			
Dimethylphenol, 2,4-	105-67-9	< 10			
Dimethylphenylethylamine, a,a-		< 10			
Dinitrobenzene, 1,3-	99-65-0	< 10			
Dinitro-o-cresol, 4,6-	534-52-1	< 10			
Dinitrophenol, 2,4-	51-28-5	< 10			

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01
Dinitrotoluene, 2,4-	121-14-2	< 10			
Dinitrotoluene, 2,6-	606-20-2	< 10			
Di-n-octylphthalate		< 10			
Dinoseb	88-85-7	< 10			
Diphenylhydrazine, 1,2-	122-66-7				
Ethyl Methanesulfonate	62-50-0	< 10			
Fluoranthene	206-44-0	< 10			
Fluorene	86-73-7	< 10			
Hexachlorobenzene	118-74-1	< 10			
Hexachlorocyclopentadiene	77-47-4	< 10			
Hexachloroethane	67-72-1	< 10			
Hexachlorophene	70-30-4	< 250			
Hexachloropropene	1888-71-7	< 10			
Indeno[1,2,3-cd]pyrene	193-39-5	< 10			
Isophorone	78-59-1	< 10			
Isosafrole	120-58-1	< 10			
Methapyrilene	91-80-5	< 10			
Methyl methanesulfonate	66-27-3	< 10			
Methyl-5-Nitroaniline, 2-	99-55-8	< 10			
Methylcholanthrene, 3-	56-49-5	< 10			
Methylnaphthalene, 2-	91-57-6	< 10			
Naphthoquinone, 1,4-	130-15-4	< 50			
Naphthylamine, 1-	134-32-7	< 10			
Naphthylamine, 2-	91-59-8	< 10			
Nitroaniline, 2-	88-74-4	< 10			
Nitroaniline, 3-	99-09-2	< 10			
Nitroaniline, 4-	100-01-6	< 10			
Nitrophenol, 2-	88-75-5	< 10			
Nitrophenol, 4-	100-02-7	< 10			
Nitroquinoline-n-oxide, 4-	56-57-5	< 10			
Nitrosodiethylamine, N-	55-18-5	< 10			
Nitrosodimethylamine, N-	62-75-9	< 10			
Nitroso-di-N-propylamine, N-	621-64-7	< 10			
Nitrosodiphenylamine, N-	86-30-6	< 10			
Nitrosomethylethylamine, N-	10595-95-6	< 10			
Nitrosomorpholine [N-]	59-89-2	< 10			
Nitrosopiperidine [N-]	100-75-4	< 10			
Nitrosopyrrolidine, N-	930-55-2	< 10			
Pentachlorobenzene	608-93-5	< 10			
Pentachloroethane	76-01-7	< 10			
Pentachloronitrobenzene	82-68-8	< 10			
Pentachlorophenol	87-86-5	< 10			
Phenacetin	62-44-2	< 10			
Phenanthrene	85-01-8	< 10			
Phenol	108-95-2	< 10			
Phenylenediamine, p-	106-50-3	< 10			

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01
Picoline, 2-	109-06-8	< 10			
Pyrene	129-00-0	< 10			
Pyridine	110-86-1	< 10			
Safrole	94-59-7	< 10			
Tetrachlorobenzene, 1,2,4,5-	95-94-3	< 10			
Tetrachlorophenol, 2,3,4,6-	58-90-2	< 10			
Toluidine, o-	95-53-4	< 10			
Trichlorophenol, 2,4,5-	95-95-4	< 10			
Trichlorophenol, 2,4,6-	88-06-2	< 10			
Trinitrobenzene, 1,3,5-	99-35-4	< 10			
Metals and Inorganics					
Antimony	7440-36-0	< 60			
Arsenic	7440-38-2	< 10			
Barium	7440-39-3	< 200			
Beryllium	7440-41-7	< 5			
Cadmium	7440-43-9	< 5			
Chromium, Total	7440-47-3	< 10			
Cobalt	7440-48-4	< 10			
Copper	7440-50-8	< 10			
Lead	7439-92-1	< 5			
Mercury	7439-97-6	< 0.2			
Nickel	7440-02-0	< 40			
Selenium	7782-49-2	< 35			
Silver	7440-22-4	< 10			
Thallium (Soluble Salts)	7440-28-0	< 10			
Tin	7440-31-5	< 50			
Vanadium	NA	< 50			
Zinc	7440-66-6	< 20			
PCBs and Dioxins					
Aminobiphenyl, 4-	92-67-1	< 10			
Aroclor 1016	12674-11-2				
Aroclor 1221	11104-28-2				
Aroclor 1232	11141-16-5				
Aroclor 1242	53469-21-9				
Aroclor 1248	12672-29-6				
Aroclor 1254	11097-69-1				
Aroclor 1260	11096-82-5				
Pesticides					
Pronamide (Kerb)	23950-58-5	< 10			
Hydrocarbons					
Diesel Range Organics					
Gasoline Range Organics					
Oil Range Hydrocarbons					

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-12
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-262
		9/25/2009	9/25/2009	10/7/2010	12/2/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	9/24/2009
		KC00-261L-090925-01	KC00-261U-090925-01	KC00-261U-101007-01	KC00-261L-101202-01	KC00-261L-110427-01	KC00-261U-110427-01	KC00-261L-111024-01	KC00-261U-111024-01	KC00-262L-090924-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	1.4	< 0.5	< 0.5	0.52	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-262
		9/25/2009	9/25/2009	10/7/2010	12/2/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	9/24/2009
		KC00-261L-090925-01	KC00-261U-090925-01	KC00-261U-101007-01	KC00-261L-101202-01	KC00-261L-110427-01	KC00-261U-110427-01	KC00-261L-111024-01	KC00-261U-111024-01	KC00-262L-090924-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	9.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-262	KC00-262	KC00-262	KC00-262	KC00-262	KC00-265	KC00-265	KC00-265	KC00-265
		9/24/2009	10/6/2010	12/2/2010	10/21/2011	10/21/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC00-262U-090924-01	KC00-262L-101006-01	KC00-262U-101202-01	KC00-262L-111021-01	KC00-262U-111021-01	KC00-265L-090916-01	KC00-265U-090916-01	KC00-265L-101006-01	KC00-265U-101006-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	26.4	< 0.5	162	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 10	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-262	KC00-262	KC00-262	KC00-262	KC00-262	KC00-265	KC00-265	KC00-265	KC00-265
		9/24/2009	10/6/2010	12/2/2010	10/21/2011	10/21/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC00-262U-090924-01	KC00-262L-101006-01	KC00-262U-101202-01	KC00-262L-111021-01	KC00-262U-111021-01	KC00-265L-090916-01	KC00-265U-090916-01	KC00-265L-101006-01	KC00-265U-101006-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	8.3	< 1.8	156	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-265	KC00-265	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267
		10/24/2011	10/24/2011	4/16/2009	4/16/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010
		KC00-265L-111024-01	KC00-265U-111024-01	KC00-267L-090416-01	KC00-267U-090416-01	KC00-267L-090925-01	KC00-267U-090925-01	KC00-267L-100331-01	KC00-267U-100331-01	KC00-267L-101007-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	29.3	< 0.5	0.9	< 0.5	< 0.5	< 0.5	0.7	< 0.5	0.52
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-265	KC00-265	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267
		10/24/2011	10/24/2011	4/16/2009	4/16/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010
		KC00-265L-111024-01	KC00-265U-111024-01	KC00-267L-090416-01	KC00-267U-090416-01	KC00-267L-090925-01	KC00-267U-090925-01	KC00-267L-100331-01	KC00-267U-100331-01	KC00-267L-101007-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	118	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-268	KC00-268	KC00-268	KC00-268
		10/7/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	4/16/2009	4/17/2009	9/25/2009	9/25/2009
		KC00-267U-101007-01	KC00-267L-110427-01	KC00-267U-110427-01	KC00-267L-111024-01	KC00-267U-111024-01	KC00-268U-090416-01	KC00-268L-090417-01	KC00-268L-090925-01	KC00-268U-090925-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	0.85	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 10	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-268	KC00-268	KC00-268	KC00-268
		10/7/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	4/16/2009	4/17/2009	9/25/2009	9/25/2009
		KC00-267U-101007-01	KC00-267L-110427-01	KC00-267U-110427-01	KC00-267L-111024-01	KC00-267U-111024-01	KC00-268U-090416-01	KC00-268L-090417-01	KC00-268L-090925-01	KC00-268U-090925-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-269
		3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	4/16/2009
		KC00-268L-100331-01	KC00-268U-100331-01	KC00-268L-101007-01	KC00-268U-101007-01	KC00-268L-110427-01	KC00-268U-110427-01	KC00-268L-111024-01	KC00-268U-111024-01	KC00-269L-090416-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-269
		3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	4/16/2009
		KC00-268L-100331-01	KC00-268U-100331-01	KC00-268L-101007-01	KC00-268U-101007-01	KC00-268L-110427-01	KC00-268U-110427-01	KC00-268L-111024-01	KC00-268U-111024-01	KC00-269L-090416-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-269	KC00-269	KC00-269	KC00-269	KC00-269	KC00-270	KC00-270	KC00-270	KC00-270
		9/16/2009	3/31/2010	10/6/2010	4/29/2011	10/24/2011	4/16/2009	9/25/2009	3/31/2010	10/6/2010
		KC00-269L-090916-01	KC00-269L-100331-01	KC00-269L-101006-01	KC00-269L-110429-01	KC00-269L-111024-01	KC00-270L-090416-01	KC00-270L-090925-01	KC00-270L-100331-01	KC00-270L-101006-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-269	KC00-269	KC00-269	KC00-269	KC00-269	KC00-270	KC00-270	KC00-270	KC00-270
		9/16/2009	3/31/2010	10/6/2010	4/29/2011	10/24/2011	4/16/2009	9/25/2009	3/31/2010	10/6/2010
		KC00-269L-090916-01	KC00-269L-100331-01	KC00-269L-101006-01	KC00-269L-110429-01	KC00-269L-111024-01	KC00-270L-090416-01	KC00-270L-090925-01	KC00-270L-100331-01	KC00-270L-101006-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-270	KC00-270	KC01-271	KC01-271	KC01-271	KC01-271	KC01-271	KC01-271	KC01-272
		4/29/2011	10/24/2011	4/6/2009	10/9/2009	3/29/2010	10/14/2010	5/10/2011	11/2/2011	4/6/2009
		KC00-270L-110429-01	KC00-270L-111024-01	KC01-271L-090406-01	KC01-271L-091009-01	KC01-271L-100329-01	KC01-271L-101014-01	KC01-271L-110510-01	KC01-271L-111102-01	KC01-272L-090406-01
VOCs										
Acetone	67-64-1	< 10	< 10							< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	5	16.9
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5							< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	7.3
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 1							< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.6
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	8	8.2	7.9	7.7	8.6	2.9	3.9
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	3.8	4.6	3.8	4.8	2.3	36.4
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	115	98.2	97.3	115	103	2400	7100
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4			< 2	< 2	< 2	< 2	< 2	< 2	
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 10							< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-270	KC00-270	KC01-271	KC01-271	KC01-271	KC01-271	KC01-271	KC01-271	KC01-272
		4/29/2011	10/24/2011	4/6/2009	10/9/2009	3/29/2010	10/14/2010	5/10/2011	11/2/2011	4/6/2009
		KC00-270L-110429-01	KC00-270L-111024-01	KC01-271L-090406-01	KC01-271L-091009-01	KC01-271L-100329-01	KC01-271L-101014-01	KC01-271L-110510-01	KC01-271L-111102-01	KC01-272L-090406-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	1.1	0.57	< 0.5	0.56	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 1							3.1
Trichloroethene	79-01-6	< 1.2	< 1.2	6.6	6.4	6.3	6.2	5.9	151	174
Trichlorofluoromethane	75-69-4			< 1	< 1	< 1	< 1	< 1	< 1	
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-				< 5	< 5	< 5	< 5	< 5	< 5	
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	17.5	15.8	17.7	19.1	24.6	160	147
Xylene, o-	95-47-6									
Xylenes	1330-20-7			< 7	< 7	< 7	< 7	< 7	< 7	
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1221	11104-28-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1232	11141-16-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1242	53469-21-9			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1248	12672-29-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1254	11097-69-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1260	11096-82-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-272	KC01-272	KC01-272	KC01-272	KC01-272	KC01-273	KC01-273	KC01-273	KC01-273
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010
		KC01-272L-091009-01	KC01-272L-100329-01	KC01-272L-101008-01	KC01-272L-110510-01	KC01-272L-111102-01	KC01-273L-090406-01	KC01-273L-091009-01	KC01-273L-100329-01	KC01-273L-101008-01
VOCs										
Acetone	67-64-1	94.1 J	< 500	< 10	< 10	< 10	11.5	396 J	< 1000	< 10
Benzene	71-43-2	20.8 J	< 100	24.1	17.7	22	60.8	78 J	< 200	62.8
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 250	< 250	< 5	< 5	< 5	< 5	< 1250	< 500	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 35	< 35	3.2	7.6	1.7	1.7	< 175	< 70	4.9
Chloroethane	75-00-3									
Chloroform	67-66-3	< 25	154	< 0.5	< 1	< 1	< 0.5	< 125	< 50	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 50	< 50	1.2	2.4	< 1	9.5	< 250	< 100	25.3
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	11 J	< 35	14	8.8	13.8	20.5	< 175	< 70	20.2
Dichloroethane, 1,2-	107-06-2	< 25	< 25	< 0.5	< 0.5	< 0.5	3.2	< 125	< 50	< 0.5
Dichloroethene, 1,1-	75-35-4	9.4 J	< 65	6.4	7.2	11.5	88.2	33.8 J	< 130	13.5
Dichloroethene, 1,2- (Total)	540-59-0	9760	1490	15500	8460	14900	16100	20300	20200	18400
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	69.8 J	< 250	< 5	< 10	< 10	< 5	305 J	< 500	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 250	< 250	< 5	< 5	< 5	< 5	< 1250	< 500	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-272	KC01-272	KC01-272	KC01-272	KC01-272	KC01-273	KC01-273	KC01-273	KC01-273
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010
		KC01-272L-091009-01	KC01-272L-100329-01	KC01-272L-101008-01	KC01-272L-110510-01	KC01-272L-111102-01	KC01-273L-090406-01	KC01-273L-091009-01	KC01-273L-100329-01	KC01-273L-101008-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 25	< 25	0.67	< 0.5	0.61	0.77	< 125	< 50	1.3
Toluene	108-88-3	< 100	< 100	< 2	< 2	< 2	2.5	< 500	< 200	3.2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 125	< 50	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 25	< 25	4.1	2	3.1	2.7	< 125	< 50	2.4
Trichloroethene	79-01-6	290	< 60	703	74.6	808	52.4	376	163	140
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	534	171	1040	1420	1170	1290	3060	2480	2640
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-273	KC01-273	KC01-274	KC01-274	KC01-274	KC01-274	KC01-274	KC01-274	KC01-275
		5/10/2011	11/1/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009
		KC01-273L-110510-01	KC01-273L-111101-01	KC01-274L-090406-01	KC01-274L-091009-01	KC01-274L-100329-01	KC01-274L-101008-01	KC01-274L-110510-01	KC01-274L-111102-01	KC01-275L-090406-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 50	< 50	< 10	< 10	< 10
Benzene	71-43-2	51.2	42.5	< 2	< 2	< 10	< 10	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 25	< 25	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	26.3	27.6	< 0.7	< 0.7	< 3.5	< 3.5	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	9.5	2.5 B	< 1	< 1	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	32.8	33.8	< 1	< 1	< 5	< 5	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	13.3	16.4	< 0.7	< 0.7	< 3.5	< 3.5	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	14.9	13.8	1.5	< 1.3	< 6.5	< 6.5	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	11900	9550	276	295	210	287	21.8	239	18.2
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 25	< 25	< 10	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 25	< 25	< 5	< 5	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-273	KC01-273	KC01-274	KC01-274	KC01-274	KC01-274	KC01-274	KC01-274	KC01-275
		5/10/2011	11/1/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009
		KC01-273L-110510-01	KC01-273L-111101-01	KC01-274L-090406-01	KC01-274L-091009-01	KC01-274L-100329-01	KC01-274L-101008-01	KC01-274L-110510-01	KC01-274L-111102-01	KC01-275L-090406-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	2.9	2.3	< 2	< 2	< 10	< 10	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	1.3	< 1	< 0.5	< 0.5	< 2.5	< 2.5	< 1	< 1	< 0.5
Trichloroethene	79-01-6	126	83.3	< 1.2	< 1.2	< 6	< 6	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	2990	2490	14.2	59	28.6	37.8	54.7	74.1	9.3
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-275	KC01-275	KC01-275	KC01-275	KC01-275	KC01-276	KC01-276	KC01-276	KC01-276
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009	11/5/2009	3/29/2010	10/8/2010
		KC01-275L-091009-01	KC01-275L-100329-01	KC01-275L-101008-01	KC01-275L-110510-01	KC01-275L-111102-01	KC01-276L-090406-01	KC01-276L-091105-01	KC01-276L-100329-01	KC01-276L-101008-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10				
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 400	< 500	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	10.1	< 5	< 5				
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 140	< 175	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 1				
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 200	< 250	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 140	< 175	1
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.55	< 100	< 125	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	20.4	< 260	< 325	18.5
Dichloroethene, 1,2- (Total)	540-59-0	23.3	21.1	29.4	16.6	242	8960	11300	7840	7490
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4						< 2	456	< 500	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 10				
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 1000	< 1250	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-275	KC01-275	KC01-275	KC01-275	KC01-275	KC01-276	KC01-276	KC01-276	KC01-276
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009	11/5/2009	3/29/2010	10/8/2010
		KC01-275L-091009-01	KC01-275L-100329-01	KC01-275L-101008-01	KC01-275L-110510-01	KC01-275L-111102-01	KC01-276L-090406-01	KC01-276L-091105-01	KC01-276L-100329-01	KC01-276L-101008-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	831	415	665	682
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 400	< 500	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 100	< 125	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 1				
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	39200	17800	28300	27900 E
Trichlorofluoromethane	75-69-4						< 1	< 200	< 250	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-							< 5	< 1000	< 1250	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	20.4	27	35.4	44.8	60.6	136	438	< 450	383
Xylene, o-	95-47-6									
Xylenes	1330-20-7						< 7	< 1400	< 1750	< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2						< 5	< 50	< 5	< 5
Aroclor 1221	11104-28-2						< 5	< 50	< 5	< 5
Aroclor 1232	11141-16-5						< 5	< 50	< 5	< 5
Aroclor 1242	53469-21-9						83.2	328	61.9	93.6
Aroclor 1248	12672-29-6						< 5	< 50	< 5	< 5
Aroclor 1254	11097-69-1						< 5	< 50	< 5	< 5
Aroclor 1260	11096-82-5						< 5	< 50	< 5	< 5

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-276	KC01-276	KC01-277	KC01-277	KC01-277	KC01-277	KC01-277	KC01-277	KC01-278
		5/10/2011	11/1/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009
		KC01-276L-110510-01	KC01-276L-111101-01	KC01-277L-090406-01	KC01-277L-091009-01	KC01-277L-100329-01	KC01-277L-101008-01	KC01-277L-110510-01	KC01-277L-111102-01	KC01-278L-090406-01
VOCs										
Acetone	67-64-1			< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0			< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3			< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	0.92	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	35.9	39.4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	7110	3150	11.5	4.1	6.9	2	1.3	0.53	0.77
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2							
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 5	< 5	< 5	< 5	< 10	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-276	KC01-276	KC01-277	KC01-277	KC01-277	KC01-277	KC01-277	KC01-277	KC01-278
		5/10/2011	11/1/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009
		KC01-276L-110510-01	KC01-276L-111101-01	KC01-277L-090406-01	KC01-277L-091009-01	KC01-277L-100329-01	KC01-277L-101008-01	KC01-277L-110510-01	KC01-277L-111102-01	KC01-278L-090406-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	605	259	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5			< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Trichloroethene	79-01-6	28900	11700	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1							
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5							
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	532	< 900	< 1.8	2.5	3.9	3.8	2.7	2.6	2.6
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7							
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 50	< 0.5							
Aroclor 1221	11104-28-2	< 50	< 0.5							
Aroclor 1232	11141-16-5	< 50	< 0.5							
Aroclor 1242	53469-21-9	217	88.8							
Aroclor 1248	12672-29-6	< 50	< 0.5							
Aroclor 1254	11097-69-1	< 50	< 0.5							
Aroclor 1260	11096-82-5	< 50	< 0.5							

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-278	KC01-278	KC01-278	KC01-278	KC01-278	KC06-01	KC06-01	KC06-01	KC06-01
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC01-278L-091009-01	KC01-278L-100329-01	KC01-278L-101008-01	KC01-278L-110510-01	KC01-278L-111102-01	KC06-01L-0308	KC06-01L-0908	KC06-01L-0309	KC06-01L-0909
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 25	< 25	< 25	< 25
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromobenzene	108-86-1						< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4						< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2						< 1	< 1	< 1	< 1
Bromomethane	74-83-9						< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8						< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8						< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6						< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5						< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3						< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3						< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8						< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4						< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5						< 0.5	< 0.5	< 0.5	< 0.5
Dibromo-3-chloropropane, 1,2-	96-12-8						< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1						< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4						< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3						< 1	< 1	< 1	< 1
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1						< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7						< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8						< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0	2.2	11.9	0.56	1.1	242				
Dichloroethylene, 1,2-cis-	156-59-2						0.9	0.7	0.9	0.7
Dichloroethylene, 1,2-trans-	156-60-5						< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5						< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,3-	142-28-9						< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7						< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6						< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6						< 1	< 1	< 1	< 1
Ethylbenzene	100-41-4						< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3						< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6						< 25	< 25	< 25	< 25
Isopropylbenzene (Cumene)	98-82-8						< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6						< 0.5	< 0.5	< 0.5	< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 10	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 25	< 25	< 25	< 25

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-278	KC01-278	KC01-278	KC01-278	KC01-278	KC06-01	KC06-01	KC06-01	KC06-01
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC01-278L-091009-01	KC01-278L-100329-01	KC01-278L-101008-01	KC01-278L-110510-01	KC01-278L-111102-01	KC06-01L-0308	KC06-01L-0908	KC06-01L-0309	KC06-01L-0909
Methyl tert-Butyl Ether (MTBE)	1634-04-4						< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	75-09-2						< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3						< 1	< 1	< 1	< 1
Propylbenzene, n-	103-65-1						< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5						< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6						< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5						< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6						< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1						< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1	0.8	0.6	0.6	< 0.5
Trichlorofluoromethane	75-69-4						< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4						< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6						< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8						< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Chloride	75-01-4	2.3	8.5	< 1.8	4.6	77.4	< 0.5	< 0.5	< 0.5	< 0.5
Xylene, o-	95-47-6						< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p							< 1	< 1	< 1	< 1
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC06-01	KC06-01	KC06-02	KC06-02	KC06-02	KC06-02	KC06-02	KC06-02	KC06-03
		3/29/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	9/16/2008
		KC06-01L-0310	KC06-01L-0910	KC06-02L-0308	KC06-02L-0908	KC06-02L-0309	KC06-02L-0909	KC06-02L-0310	KC06-02L-0910	KC06-03L-0908
VOCs										
Acetone	67-64-1	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Benzene	71-43-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromobenzene	108-86-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	74-83-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	108-90-7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromo-3-chloropropane, 1,2-	96-12-8	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,2-	95-50-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	0.6	0.7	0.6	0.9	0.5	0.7	0.6	0.8	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,3-	142-28-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	100-41-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Isopropylbenzene (Cumene)	98-82-8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC06-01	KC06-01	KC06-02	KC06-02	KC06-02	KC06-02	KC06-02	KC06-02	KC06-03
		3/29/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	9/16/2008
		KC06-01L-0310	KC06-01L-0910	KC06-02L-0308	KC06-02L-0908	KC06-02L-0309	KC06-02L-0909	KC06-02L-0310	KC06-02L-0910	KC06-03L-0908
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	75-09-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Propylbenzene, n-	103-65-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Chloride	75-01-4	< 0.5	< 0.5	1.3	1	1.6	0.7	1	0.6	< 0.5
Xylene, o-	95-47-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC06-03	KC06-03	KC06-03	KC06-03
		3/17/2009	9/15/2009	3/29/2010	9/14/2010
		KC06-03L-0309	KC06-03L-0909	KC06-03L-0310	KC06-03L-0910
VOCs					
Acetone	67-64-1	< 25	< 25	< 25	< 25
Benzene	71-43-2	< 0.5	< 0.5	< 0.5	< 5
Bromobenzene	108-86-1	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2	< 1	< 1	< 1	< 1
Bromomethane	74-83-9	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	108-90-7	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromo-3-chloropropane, 1,2-	96-12-8	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,2-	95-50-1	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0				
Dichloroethylene, 1,2-cis-	156-59-2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,3-	142-28-9	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 1	< 1	< 1	< 1
Ethylbenzene	100-41-4	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6	< 25	< 25	< 25	< 25
Isopropylbenzene (Cumene)	98-82-8	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6	< 0.5	< 0.5	< 0.5	< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 25	< 25	< 25	< 25

Table A-13
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC06-03	KC06-03	KC06-03	KC06-03
		3/17/2009	9/15/2009	3/29/2010	9/14/2010
		KC06-03L-0309	KC06-03L-0909	KC06-03L-0310	KC06-03L-0910
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	75-09-2	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3	< 1	< 1	< 1	< 1
Propylbenzene, n-	103-65-1	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-					
Trimethylbenzene, 1,2,4-	95-63-6	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Chloride	75-01-4	< 0.5	< 0.5	< 0.5	< 0.5
Xylene, o-	95-47-6	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7				
Xylenes, m & p		< 1	< 1	< 1	< 1
PCBs and Dioxins					
Aroclor 1016	12674-11-2				
Aroclor 1221	11104-28-2				
Aroclor 1232	11141-16-5				
Aroclor 1242	53469-21-9				
Aroclor 1248	12672-29-6				
Aroclor 1254	11097-69-1				
Aroclor 1260	11096-82-5				

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006
		4/15/2009	9/23/2009	9/23/2009	9/23/2009	4/1/2010	9/30/2010	9/30/2010	9/30/2010	10/14/2011
		KC84-006L-090415-01	KC84-006L-090923-01	KC84-006M-090923-01	KC84-006U-090923-01	KC84-006L-100401-01	KC84-006L-100930-01	KC84-006M-100930-01	KC84-006U-100930-01	KC84-006L-111014-01
VOCs										
Acetone	67-64-1						< 10	< 10	< 10	
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0						< 5	< 5	< 5	
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3						< 0.5	< 0.5	< 0.5	
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	132	125	159	0.91	113	99.5	68.5	0.69	61.7
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2				< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3						< 5	< 5	< 5	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006
		4/15/2009	9/23/2009	9/23/2009	9/23/2009	4/1/2010	9/30/2010	9/30/2010	9/30/2010	10/14/2011
		KC84-006L-090415-01	KC84-006L-090923-01	KC84-006M-090923-01	KC84-006U-090923-01	KC84-006L-100401-01	KC84-006L-100930-01	KC84-006M-100930-01	KC84-006U-100930-01	KC84-006L-111014-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5						< 0.5	< 0.5	< 0.5	
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1				< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5				< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	3.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7				< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5								
Aroclor 1221	11104-28-2	< 0.5								
Aroclor 1232	11141-16-5	< 0.5								
Aroclor 1242	53469-21-9	< 0.5								
Aroclor 1248	12672-29-6	< 0.5								
Aroclor 1254	11097-69-1	< 0.5								
Aroclor 1260	11096-82-5	< 0.5								

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-006	KC84-006	KC84-015	KC84-015	KC84-015	KC84-015	KC84-015	KC84-015	KC84-016
		10/14/2011	10/14/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	3/17/2008
		KC84-006M-111014-01	KC84-006U-111014-01	KC84-015L-0308	KC84-015L-0908	KC84-015L-0309	KC84-015L-0909	KC84-015L-0310	KC84-015L-0910	KC84-016L-0308-01
VOCs										
Acetone	67-64-1			< 25	< 25	< 25	< 25	< 25	< 25	< 100
Benzene	71-43-2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Bromobenzene	108-86-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Bromodichloromethane	75-27-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Bromoform	75-25-2			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Bromomethane	74-83-9			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Butylbenzene, n-	104-51-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Butylbenzene, sec-	135-98-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Butylbenzene, tert-	98-06-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Carbon Disulfide	75-15-0			< 5	< 5	< 5	< 5	< 5	< 5	< 20
Carbon Tetrachloride	56-23-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	202
Chloroethane	75-00-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Chloroform	67-66-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Chloromethane	74-87-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Chlorotoluene, o-	95-49-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Chlorotoluene, p-	106-43-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
cis-1,3-Dichloropropene	10061-01-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dibromo-3-chloropropane, 1,2-	96-12-8			< 10	< 10	< 10	< 10	< 10	< 10	< 40
Dibromochloromethane	124-48-1			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Dibromoethane, 1,2-	106-93-4			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Dibromomethane (Methylene Bromide)	74-95-3			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichlorobenzene, 1,3-	541-73-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichlorobenzene, 1,4-	106-46-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3
Dichlorodifluoromethane	75-71-8			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloroethene, 1,2- (Total)	540-59-0	48.6	< 0.5							
Dichloroethylene, 1,2-cis-	156-59-2			20.4	23.1	26	21	23.4	19.7	6.3
Dichloroethylene, 1,2-trans-	156-60-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloropropane, 1,2-	78-87-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloropropane, 1,3-	142-28-9			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloropropane, 2,2-	594-20-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloropropene, 1,1-	563-58-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloropropene, trans-1,3-	10061-02-6			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Ethylbenzene	100-41-4	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Hexachlorobutadiene	87-68-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Hexanone, 2-	591-78-6			< 25	< 25	< 25	< 25	< 25	< 25	< 100
Isopropylbenzene (Cumene)	98-82-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Isopropyltoluene, p-	99-87-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 25	< 25	< 25	< 25	< 25	< 25	< 100
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 25	< 25	< 25	< 25	< 25	< 25	< 100
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-006	KC84-006	KC84-015	KC84-015	KC84-015	KC84-015	KC84-015	KC84-015	KC84-016
		10/14/2011	10/14/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	3/17/2008
		KC84-006M-111014-01	KC84-006U-111014-01	KC84-015L-0308	KC84-015L-0908	KC84-015L-0309	KC84-015L-0909	KC84-015L-0310	KC84-015L-0910	KC84-016L-0308-01
Methylene Chloride	75-09-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Naphthalene	91-20-3			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Propylbenzene, n-	103-65-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Styrene	100-42-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Tetrachloroethane, 1,1,1,2-	630-20-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Tetrachloroethane, 1,1,2,2-	79-34-5			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Toluene	108-88-3	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Trichlorobenzene, 1,2,3-	87-61-6			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Trichlorobenzene, 1,2,4-	120-82-1			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Trichloroethane, 1,1,2-	79-00-5			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Trichloroethene	79-01-6	< 1.2	< 1.2	1.1	0.6	0.6	0.5	1	< 0.5	< 2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 4
Trichloropropane, 1,2,3-	96-18-4			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5							
Trimethylbenzene, 1,2,4-	95-63-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Trimethylbenzene, 1,3,5-	108-67-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Vinyl Chloride	75-01-4	4.3	< 1.8	1.1	1	1.3	0.9	1	< 0.5	10
Xylene, o-	95-47-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Xylenes	1330-20-7	< 7	< 7							
Xylenes, m & p				< 1	< 1	< 1	< 1	< 1	< 1	< 4
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-016	KC84-016	KC84-016	KC84-016	KC84-016	KC84-018	KC84-018	KC84-018	KC84-018
		9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	9/23/2009	9/23/2009	9/23/2009	10/5/2010
		KC84-016L-0908-01	KC84-016L-0309-01	KC84-016L-0909-01	KC84-016L-0310-01	KC84-016L-0910	KC84-018L-090923-01	KC84-018M-090923-01	KC84-018U-090923-01	KC84-018L-101005-01
VOCs										
Acetone	67-64-1	< 63	< 130	< 100	< 100	< 100	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 1	< 3	< 2	< 2	< 2	22.1	4.2	< 2	21.1
Bromobenzene	108-86-1	< 1	< 3	< 2	< 2	< 2				
Bromodichloromethane	75-27-4	< 1	< 3	< 2	< 2	< 2				
Bromoform	75-25-2	< 2.5	< 5	< 4	< 4	< 4				
Bromomethane	74-83-9	< 2.5	< 5	< 4	< 4	< 4				
Butylbenzene, n-	104-51-8	< 1	< 3	< 2	< 2	< 2				
Butylbenzene, sec-	135-98-8	< 1	< 3	< 2	< 2	< 2				
Butylbenzene, tert-	98-06-6	< 1	< 3	< 2	< 2	< 2				
Carbon Disulfide	75-15-0	< 13	< 25	< 20	< 20	< 20	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 1	< 3	< 2	< 2	< 2				
Chlorobenzene	108-90-7	156	209	202	243	42.1	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3	< 1	< 3	< 2	< 2	< 2				
Chloroform	67-66-3	< 1	< 3	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3	< 1	< 3	< 2	< 2	< 2				
Chlorotoluene, o-	95-49-8	< 1	< 3	< 2	< 2	< 2				
Chlorotoluene, p-	106-43-4	< 1	< 3	< 2	< 2	< 2				
cis-1,3-Dichloropropene	10061-01-5	< 1	< 3	< 2	< 2	< 2				
Dibromo-3-chloropropane, 1,2-	96-12-8	< 30	< 50	< 40	< 40	< 40				
Dibromochloromethane	124-48-1	< 2.5	< 5	< 4	< 4	< 4				
Dibromoethane, 1,2-	106-93-4	< 2.5	< 5	< 4	< 4	< 4				
Dibromomethane (Methylene Bromide)	74-95-3	< 2.5	< 5	< 4	< 4	< 4				
Dichlorobenzene, 1,2-	95-50-1	< 1	< 3	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1	< 1	< 3	< 2	< 2	< 2				
Dichlorobenzene, 1,4-	106-46-7	2.7	3	3	3	< 2				
Dichlorodifluoromethane	75-71-8	< 2.5	< 5	< 4	< 4	< 4				
Dichloroethane, 1,1-	75-34-3	< 1	< 3	< 2	< 2	< 2	9.7	14.6	< 0.7	7.3
Dichloroethane, 1,2-	107-06-2	< 1	< 3	< 2	< 2	< 2	0.91	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1	< 3	< 2	< 2	< 2	4.8	2.3	< 1.3	4.1
Dichloroethene, 1,2- (Total)	540-59-0						1830	1540	< 0.5	1680
Dichloroethylene, 1,2-cis-	156-59-2	5.9	4	3	3	< 2				
Dichloroethylene, 1,2-trans-	156-60-5	< 1	< 3	< 2	< 2	< 2				
Dichloropropane, 1,2-	78-87-5	< 1	< 3	< 2	< 2	< 2				
Dichloropropane, 1,3-	142-28-9	< 1	< 3	< 2	< 2	< 2				
Dichloropropane, 2,2-	594-20-7	< 1	< 3	< 2	< 2	< 2				
Dichloropropene, 1,1-	563-58-6	< 1	< 3	< 2	< 2	< 2				
Dichloropropene, trans-1,3-	10061-02-6	< 2.5	< 5	< 4	< 4	< 4				
Ethylbenzene	100-41-4	< 1	< 3	< 2	< 2	< 2				
Hexachlorobutadiene	87-68-3	< 1	< 3	< 2	< 2	< 2				
Hexanone, 2-	591-78-6	< 63	< 130	< 100	< 100	< 100				
Isopropylbenzene (Cumene)	98-82-8	< 1	< 3	< 2	< 2	< 2				
Isopropyltoluene, p-	99-87-6	< 1	< 3	< 2	< 2	< 2				
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 63	< 130	< 100	< 100	< 100	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 63	< 130	< 100	< 100	< 100	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 1	< 3	< 2	< 2	< 2				

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-016	KC84-016	KC84-016	KC84-016	KC84-016	KC84-018	KC84-018	KC84-018	KC84-018
		9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	9/23/2009	9/23/2009	9/23/2009	10/5/2010
		KC84-016L-0908-01	KC84-016L-0309-01	KC84-016L-0909-01	KC84-016L-0310-01	KC84-016L-0910	KC84-018L-090923-01	KC84-018M-090923-01	KC84-018U-090923-01	KC84-018L-101005-01
Methylene Chloride	75-09-2	< 1	< 3	< 2	< 2	< 2				
Naphthalene	91-20-3	< 2.5	< 5	< 4	< 4	< 4				
Propylbenzene, n-	103-65-1	< 1	< 3	< 2	< 2	< 2				
Styrene	100-42-5	< 1	< 3	< 2	< 2	< 2				
Tetrachloroethane, 1,1,1,2-	630-20-6	< 1	< 3	< 2	< 2	< 2				
Tetrachloroethane, 1,1,2,2-	79-34-5	< 2.5	< 5	< 4	< 4	< 4				
Tetrachloroethene	127-18-4	< 1	< 3	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 1	< 3	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6	< 2.5	< 5	< 4	< 4	< 4				
Trichlorobenzene, 1,2,4-	120-82-1	< 2.5	< 5	< 4	< 4	< 4				
Trichloroethane, 1,1,1-	71-55-6	< 1	< 3	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 2.5	< 5	< 4	< 4	< 4	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1	< 3	< 2	< 2	< 2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 2.5	< 5	< 4	< 4	< 4				
Trichloropropane, 1,2,3-	96-18-4	< 2.5	< 5	< 4	< 4	< 4				
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 1	< 3	< 2	< 2	< 2				
Trimethylbenzene, 1,3,5-	108-67-8	< 1	< 3	< 2	< 2	< 2				
Vinyl Chloride	75-01-4	5.2	5.8	2	5.2	< 2	920	167	< 1.8	892
Xylene, o-	95-47-6	< 1	< 3	< 2	< 2	< 2				
Xylenes	1330-20-7									
Xylenes, m & p		< 2.5	< 5	< 4	< 4	< 4				
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
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Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-024
		10/5/2010	10/5/2010	4/26/2011	4/26/2011	4/26/2011	10/20/2011	10/20/2011	10/20/2011	9/23/2009
		KC84-018M-101005-01	KC84-018U-101005-01	KC84-018L-110426-01	KC84-018M-110426-01	KC84-018U-110426-01	KC84-018L-111020-01	KC84-018M-111020-01	KC84-018U-111020-01	KC84-024L-090923-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	2.4	< 2	15.8	< 2	< 2	27.1	3.3	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	11.3	< 0.7	7	3.1	< 0.7	7.3	17.2	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	1.7	< 1.3	3	< 1.3	< 1.3	4	3.2	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	1230	< 0.5	1250	330	< 0.5	1630	1680	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-024
		10/5/2010	10/5/2010	4/26/2011	4/26/2011	4/26/2011	10/20/2011	10/20/2011	10/20/2011	9/23/2009
		KC84-018M-101005-01	KC84-018U-101005-01	KC84-018L-110426-01	KC84-018M-110426-01	KC84-018U-110426-01	KC84-018L-111020-01	KC84-018M-111020-01	KC84-018U-111020-01	KC84-024L-090923-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	180	< 1.8	810	< 1.8	< 1.8	1200	199	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-024	KC84-024	KC85-030	KC85-030	KC85-030	KC85-032	KC85-032	KC85-032	KC85-032
		10/5/2010	10/21/2011	9/25/2009	10/5/2010	10/18/2011	9/28/2009	9/28/2009	9/28/2009	10/4/2010
		KC84-024L-101005-01	KC84-024L-111021-01	KC85-030L-090925-01	KC85-030L-101005-01	KC85-030L-111018-01	KC85-032L-090928-01	KC85-032M-090928-01	KC85-032U-090928-01	KC85-032L-101004-01
VOCs										
Acetone	67-64-1	< 10	< 10							
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5							
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	0.57	< 1							
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	4.1	< 0.7	0.74	6.4
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	2.1	< 1.3	< 1.3	4.2
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	16.2	4.5	3	35.7
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4			< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 10							
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-024	KC84-024	KC85-030	KC85-030	KC85-030	KC85-032	KC85-032	KC85-032	KC85-032
		10/5/2010	10/21/2011	9/25/2009	10/5/2010	10/18/2011	9/28/2009	9/28/2009	9/28/2009	10/4/2010
		KC84-024L-101005-01	KC84-024L-111021-01	KC85-030L-090925-01	KC85-030L-101005-01	KC85-030L-111018-01	KC85-032L-090928-01	KC85-032M-090928-01	KC85-032U-090928-01	KC85-032L-101004-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 1							
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-				< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7			< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-032	KC85-032	KC85-032	KC85-032	KC85-032	KC85-032	KC85-033	KC85-033	KC85-033
		10/4/2010	10/4/2010	4/25/2011	10/25/2011	10/25/2011	10/25/2011	10/5/2009	10/5/2009	10/5/2009
		KC85-032M-101004-01	KC85-032U-101004-01	KC85-032U-110425-01	KC85-032L-111025-01	KC85-032M-111025-01	KC85-032U-111025-01	KC85-033L-091005-01	KC85-033M-091005-01	KC85-033U-091005-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	1.9	< 0.7	6.4	< 0.7	0.95	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	3.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	4.6	8.8	0.92	27.9	5.2	3.7	75.7	2.7	1.6
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-032	KC85-032	KC85-032	KC85-032	KC85-032	KC85-032	KC85-033	KC85-033	KC85-033
		10/4/2010	10/4/2010	4/25/2011	10/25/2011	10/25/2011	10/25/2011	10/5/2009	10/5/2009	10/5/2009
		KC85-032M-101004-01	KC85-032U-101004-01	KC85-032U-110425-01	KC85-032L-111025-01	KC85-032M-111025-01	KC85-032U-111025-01	KC85-033L-091005-01	KC85-033M-091005-01	KC85-033U-091005-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	169	1.5	2.6
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	2.2	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									< 0.5
Aroclor 1221	11104-28-2									< 0.5
Aroclor 1232	11141-16-5									< 0.5
Aroclor 1242	53469-21-9									< 0.5
Aroclor 1248	12672-29-6									< 0.5
Aroclor 1254	11097-69-1									< 0.5
Aroclor 1260	11096-82-5									< 0.5

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-033	KC85-033	KC85-033	KC85-033	KC85-033	KC85-033	KC85-034	KC85-034	KC85-034
		10/20/2010	10/20/2010	10/20/2010	10/31/2011	10/31/2011	10/31/2011	10/5/2009	10/5/2009	10/5/2009
		KC85-033L-101020-01	KC85-033M-101020-01	KC85-033U-101020-01	KC85-033L-111031-01	KC85-033M-111031-01	KC85-033U-111031-01	KC85-034L-091005-01	KC85-034M-091005-01	KC85-034U-091005-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 1	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	54	3.2	0.6	117	4.1	< 0.5	24.1	175	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-033	KC85-033	KC85-033	KC85-033	KC85-033	KC85-033	KC85-034	KC85-034	KC85-034
		10/20/2010	10/20/2010	10/20/2010	10/31/2011	10/31/2011	10/31/2011	10/5/2009	10/5/2009	10/5/2009
		KC85-033L-101020-01	KC85-033M-101020-01	KC85-033U-101020-01	KC85-033L-111031-01	KC85-033M-111031-01	KC85-033U-111031-01	KC85-034L-091005-01	KC85-034M-091005-01	KC85-034U-091005-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	1.1	< 0.5	< 0.5	2.7	< 0.5	< 0.5	8.7	4.6	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	112	1.8	< 1.2	171	2.7	1.3	42.4	24.8	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	13.5	14.5	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 1	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	2.1	< 1.8	< 1.8	7.3	45.3	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1221	11104-28-2			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1232	11141-16-5			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1242	53469-21-9			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1248	12672-29-6			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1254	11097-69-1			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1260	11096-82-5			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-034	KC85-034	KC85-034	KC85-034	KC85-034	KC85-034	KC85-035	KC85-035	KC85-035
		10/19/2010	10/19/2010	10/19/2010	10/31/2011	10/31/2011	10/31/2011	4/15/2009	9/29/2009	9/29/2009
		KC85-034L-101019-01	KC85-034M-101019-01	KC85-034U-101019-01	KC85-034L-111031-01	KC85-034M-111031-01	KC85-034U-111031-01	KC85-035L-090415-01	KC85-035L-090929-01	KC85-035U-090929-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	17.2	103	< 0.5	24.9	51.5	< 0.5	6.1	12	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-034	KC85-034	KC85-034	KC85-034	KC85-034	KC85-034	KC85-035	KC85-035	KC85-035
		10/19/2010	10/19/2010	10/19/2010	10/31/2011	10/31/2011	10/31/2011	4/15/2009	9/29/2009	9/29/2009
		KC85-034L-101019-01	KC85-034M-101019-01	KC85-034U-101019-01	KC85-034L-111031-01	KC85-034M-111031-01	KC85-034U-111031-01	KC85-035L-090415-01	KC85-035L-090929-01	KC85-035U-090929-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	5.2	3	< 0.5	6.1	2.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	28.1	19.7	< 1.2	33.3	16.3	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	7.7	9.9	< 1	5.5	6.3	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	7.1	32.6	< 1.8	4.4	11.4	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-035	KC85-035	KC85-035	KC85-035	KC85-035	KC85-037	KC85-037	KC85-037	KC85-037
		4/1/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/15/2009	9/23/2009	9/23/2009	9/23/2009
		KC85-035L-100401-01	KC85-035L-101004-01	KC85-035U-101004-01	KC85-035L-111018-01	KC85-035U-111018-01	KC85-037M-090415-01	KC85-037L-090923-01	KC85-037M-090923-01	KC85-037U-090923-01
VOCs										
Acetone	67-64-1						70.8	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	44.6
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0						< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3						2	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	0.85	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	4.1	5.9	< 1.3	11
Dichloroethene, 1,2- (Total)	540-59-0	9.6	13.9	1.4	7.1	< 0.5	1680	2960	117	31900
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2				
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3						< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-035	KC85-035	KC85-035	KC85-035	KC85-035	KC85-037	KC85-037	KC85-037	KC85-037
		4/1/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/15/2009	9/23/2009	9/23/2009	9/23/2009
		KC85-035L-100401-01	KC85-035L-101004-01	KC85-035U-101004-01	KC85-035L-111018-01	KC85-035U-111018-01	KC85-037M-090415-01	KC85-037L-090923-01	KC85-037M-090923-01	KC85-037U-090923-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	3.3
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5						< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	51.2	< 1.2	8.8
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1				
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5				
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	78	90.7	< 1.8	1780
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7				
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037
		6/16/2010	6/16/2010	9/30/2010	9/30/2010	9/30/2010	4/25/2011	10/14/2011	10/14/2011	10/14/2011
		KC85-037M-100616-01	KC85-037U-100616-01	KC85-037L-100930-01	KC85-037M-100930-01	KC85-037U-100930-01	KC85-037U-110425-01	KC85-037L-111014-01	KC85-037M-111014-01	KC85-037U-111014-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	3.3	36.4	2.7	3.6	50	28.2	3.1	2.6	43.9
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	1	1.1	0.85	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	4.1	10.7	5.7	7.3	21.9	< 1.3	5.3	6.2	15.5
Dichloroethene, 1,2- (Total)	540-59-0	2680	25000	2380	2020	32700	19000	3180	1840	30400
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037
		6/16/2010	6/16/2010	9/30/2010	9/30/2010	9/30/2010	4/25/2011	10/14/2011	10/14/2011	10/14/2011
		KC85-037M-100616-01	KC85-037U-100616-01	KC85-037L-100930-01	KC85-037M-100930-01	KC85-037U-100930-01	KC85-037U-110425-01	KC85-037L-111014-01	KC85-037M-111014-01	KC85-037U-111014-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	2.7	< 2	< 2	6	< 2	< 2	< 2	3.2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Trichloroethene	79-01-6	1.4	2.3	30.1	< 1.2	8.6	4.6	15.1	< 1.2	10.3
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	67.7	1640	139	121	2860	< 1.8	111	87.8	2480
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038
		9/23/2009	9/23/2009	9/23/2009	9/30/2010	9/30/2010	9/30/2010	10/14/2011	10/14/2011	10/14/2011
		KC85-038L-090923-01	KC85-038M-090923-01	KC85-038U-090923-01	KC85-038L-100930-01	KC85-038M-100930-01	KC85-038U-100930-01	KC85-038L-111014-01	KC85-038M-111014-01	KC85-038U-111014-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038
		9/23/2009	9/23/2009	9/23/2009	9/30/2010	9/30/2010	9/30/2010	10/14/2011	10/14/2011	10/14/2011
		KC85-038L-090923-01	KC85-038M-090923-01	KC85-038U-090923-01	KC85-038L-100930-01	KC85-038M-100930-01	KC85-038U-100930-01	KC85-038L-111014-01	KC85-038M-111014-01	KC85-038U-111014-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039
		4/15/2009	9/18/2009	9/18/2009	9/18/2009	4/1/2010	10/5/2010	10/5/2010	10/5/2010	10/20/2011
		KC85-039L-090415-01	KC85-039L-090918-01	KC85-039M-090918-01	KC85-039U-090918-01	KC85-039L-100401-01	KC85-039L-101005-01	KC85-039M-101005-01	KC85-039U-101005-01	KC85-039L-111020-01
VOCs										
Acetone	67-64-1	59	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	13.7	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	0.99	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	165	131	5	< 0.5	102	70.3	3.5	< 0.5	46.4
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039
		4/15/2009	9/18/2009	9/18/2009	9/18/2009	4/1/2010	10/5/2010	10/5/2010	10/5/2010	10/20/2011
		KC85-039L-090415-01	KC85-039L-090918-01	KC85-039M-090918-01	KC85-039U-090918-01	KC85-039L-100401-01	KC85-039L-101005-01	KC85-039M-101005-01	KC85-039U-101005-01	KC85-039L-111020-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	25.8	28	17.4	< 1.8	39.7	36.6	4.4	< 1.8	23
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-039	KC85-039	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040
		10/20/2011	10/20/2011	9/23/2009	9/23/2009	9/23/2009	10/5/2010	10/5/2010	10/5/2010	10/20/2011
		KC85-039M-111020-01	KC85-039U-111020-01	KC85-040L-090923-01	KC85-040M-090923-01	KC85-040U-090923-01	KC85-040L-101005-01	KC85-040M-101005-01	KC85-040U-101005-01	KC85-040L-111020-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	16.6	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	2.6	< 0.5	2.1	1.3	< 0.5	1.5	0.86	< 0.5	1.8
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-039	KC85-039	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040
		10/20/2011	10/20/2011	9/23/2009	9/23/2009	9/23/2009	10/5/2010	10/5/2010	10/5/2010	10/20/2011
		KC85-039M-111020-01	KC85-039U-111020-01	KC85-040L-090923-01	KC85-040M-090923-01	KC85-040U-090923-01	KC85-040L-101005-01	KC85-040M-101005-01	KC85-040U-101005-01	KC85-040L-111020-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	5.5	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-040	KC85-040	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041
		10/20/2011	10/20/2011	3/17/2009	3/17/2009	9/15/2009	9/15/2009	3/29/2010	3/29/2010	9/14/2010
		KC85-040M-111020-01	KC85-040U-111020-01	KC85-041L-0309	KC85-041U-0309	KC85-041L-0909	KC85-041U-0909	KC85-041L-0310	KC85-041U-0310	KC85-041L-0910
VOCs										
Acetone	67-64-1	< 10	< 10	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Benzene	71-43-2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromobenzene	108-86-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	74-83-9			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromo-3-chloropropane, 1,2-	96-12-8			< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0	1.1	< 0.5							
Dichloroethylene, 1,2-cis-	156-59-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,3-	142-28-9			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	100-41-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6			< 25	< 25	< 25	< 25	< 25	< 25	< 25
Isopropylbenzene (Cumene)	98-82-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-040	KC85-040	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041
		10/20/2011	10/20/2011	3/17/2009	3/17/2009	9/15/2009	9/15/2009	3/29/2010	3/29/2010	9/14/2010
		KC85-040M-111020-01	KC85-040U-111020-01	KC85-041L-0309	KC85-041U-0309	KC85-041L-0909	KC85-041U-0909	KC85-041L-0310	KC85-041U-0310	KC85-041L-0910
Methylene Chloride	75-09-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Propylbenzene, n-	103-65-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	75-69-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylene, o-	95-47-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p				< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-041	KC85-041	KC85-041	KC85-042	KC85-042	KC85-042	KC85-042	KC85-042	KC85-042
		9/14/2010	10/17/2011	10/17/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010
		KC85-041U-0910	KC85-041L-111017-01	KC85-041U-111017-01	KC85-042L-0308	KC85-042L-0908	KC85-042L-0309	KC85-042L-0909	KC85-042L-0310	KC85-042L-0910
VOCs										
Acetone	67-64-1	< 25	< 10	< 10	< 25	< 25	< 25	< 25	< 25	< 25
Benzene	71-43-2	< 0.5	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromobenzene	108-86-1	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	74-83-9	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	108-90-7	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromo-3-chloropropane, 1,2-	96-12-8	< 10			< 10	< 10	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,2-	95-50-1	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0		< 0.5	< 0.5						
Dichloroethylene, 1,2-cis-	156-59-2	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,3-	142-28-9	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	100-41-4	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6	< 25			< 25	< 25	< 25	< 25	< 25	< 25
Isopropylbenzene (Cumene)	98-82-8	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 25	< 10	< 10	< 25	< 25	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 25	< 5	< 5	< 25	< 25	< 25	< 25	< 25	< 25
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-041	KC85-041	KC85-041	KC85-042	KC85-042	KC85-042	KC85-042	KC85-042	KC85-042
		9/14/2010	10/17/2011	10/17/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010
		KC85-041U-0910	KC85-041L-111017-01	KC85-041U-111017-01	KC85-042L-0308	KC85-042L-0908	KC85-042L-0309	KC85-042L-0909	KC85-042L-0310	KC85-042L-0910
Methylene Chloride	75-09-2	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Propylbenzene, n-	103-65-1	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 0.5	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	< 0.5	< 1.2	< 1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	75-69-4	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Chloride	75-01-4	< 0.5	< 1.8	< 1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylene, o-	95-47-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p		< 1			< 1	< 1	< 1	< 1	< 1	< 1
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043
		9/24/2009	9/24/2009	9/24/2009	10/7/2010	10/7/2010	10/7/2010	10/18/2011	10/18/2011	10/18/2011
		KC85-043L-090924-01	KC85-043M-090924-01	KC85-043U-090924-01	KC85-043L-101007-01	KC85-043M-101007-01	KC85-043U-101007-01	KC85-043L-111018-01	KC85-043M-111018-01	KC85-043U-111018-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043
		9/24/2009	9/24/2009	9/24/2009	10/7/2010	10/7/2010	10/7/2010	10/18/2011	10/18/2011	10/18/2011
		KC85-043L-090924-01	KC85-043M-090924-01	KC85-043U-090924-01	KC85-043L-101007-01	KC85-043M-101007-01	KC85-043U-101007-01	KC85-043L-111018-01	KC85-043M-111018-01	KC85-043U-111018-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-044	KC85-044	KC85-044	KC85-044	KC85-044	KC85-044	KC85-045	KC85-045	KC85-045
		4/14/2009	10/2/2009	3/30/2010	10/18/2010	5/6/2011	10/31/2011	9/16/2009	9/16/2009	10/6/2010
		KC85-044L-090414-01	KC85-044L-091002-01	KC85-044L-100330-01	KC85-044L-101018-01	KC85-044L-110506-01	KC85-044L-111031-01	KC85-045L-090916-01	KC85-045U-090916-01	KC85-045L-101006-01
VOCs										
Acetone	67-64-1							< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0							< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3							< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	541	241	371
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2			
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3							< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-044	KC85-044	KC85-044	KC85-044	KC85-044	KC85-044	KC85-045	KC85-045	KC85-045
		4/14/2009	10/2/2009	3/30/2010	10/18/2010	5/6/2011	10/31/2011	9/16/2009	9/16/2009	10/6/2010
		KC85-044L-090414-01	KC85-044L-091002-01	KC85-044L-100330-01	KC85-044L-101018-01	KC85-044L-110506-01	KC85-044L-111031-01	KC85-045L-090916-01	KC85-045U-090916-01	KC85-045L-101006-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5							< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1			
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 1	< 5			
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7			
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-045	KC85-045	KC85-045	KC86-051	KC86-051	KC86-051	KC86-051	KC86-051	KC86-051
		10/6/2010	10/21/2011	10/21/2011	9/18/2009	9/18/2009	10/15/2010	10/15/2010	10/25/2011	10/25/2011
		KC85-045U-101006-01	KC85-045L-111021-01	KC85-045U-111021-01	KC86-051L-090918-01	KC86-051U-090918-01	KC86-051L-101015-01	KC86-051U-101015-01	KC86-051L-111025-01	KC86-051U-111025-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 3.5	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 2.5	< 1	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 3.5	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	1.5	< 1.3	< 1.3	< 1.3	< 1.3	< 6.5	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	231 E	552	271	< 0.5	1.6	< 0.5	8.8	< 0.5	1.2
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 10	< 10	< 5	< 5	< 5	< 25	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5
Methyl tert-Butyl Ether (MTBE)	1634-04-4									

Table A-14
Comparison of Site Groundwater data (Total) to Tapwater Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-045	KC85-045	KC85-045	KC86-051	KC86-051	KC86-051	KC86-051	KC86-051	KC86-051
		10/6/2010	10/21/2011	10/21/2011	9/18/2009	9/18/2009	10/15/2010	10/15/2010	10/25/2011	10/25/2011
		KC85-045U-101006-01	KC85-045L-111021-01	KC85-045U-111021-01	KC86-051L-090918-01	KC86-051U-090918-01	KC86-051L-101015-01	KC86-051U-101015-01	KC86-051L-111025-01	KC86-051U-111025-01
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 2.5	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 6	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	1.9	< 1.8	< 1.8	< 1.8	< 1.8	< 9	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-067	KC87-067	KC87-068
		9/18/2009	9/18/2009	10/5/2010	10/5/2010	10/18/2011	10/18/2011	10/20/2011	10/20/2011	4/17/2009
		KC87-060L-090918-01	KC87-060U-090918-01	KC87-060L-101005-01	KC87-060U-101005-01	KC87-060L-111018-01	KC87-060U-111018-01	KC87-067L-111020-01	KC87-067U-111020-01	KC87-068L-090417-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	68.8	< 100	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	14.4	< 20	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	97.1	916	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	46.2	637	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	11.1	< 13	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	10900	5.6	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-067	KC87-067	KC87-068
		9/18/2009	9/18/2009	10/5/2010	10/5/2010	10/18/2011	10/18/2011	10/20/2011	10/20/2011	4/17/2009
		KC87-060L-090918-01	KC87-060U-090918-01	KC87-060L-101005-01	KC87-060U-101005-01	KC87-060L-111018-01	KC87-060U-111018-01	KC87-067L-111020-01	KC87-067U-111020-01	KC87-068L-090417-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 100	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	5.4	< 12	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	645	< 18	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-067	KC87-067	KC87-068
		9/18/2009	9/18/2009	10/5/2010	10/5/2010	10/18/2011	10/18/2011	10/20/2011	10/20/2011	4/17/2009
		KC87-060L-090918-01	KC87-060U-090918-01	KC87-060L-101005-01	KC87-060U-101005-01	KC87-060L-111018-01	KC87-060U-111018-01	KC87-067L-111020-01	KC87-067U-111020-01	KC87-068L-090417-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-067	KC87-067	KC87-068
		9/18/2009	9/18/2009	10/5/2010	10/5/2010	10/18/2011	10/18/2011	10/20/2011	10/20/2011	4/17/2009
		KC87-060L-090918-01	KC87-060U-090918-01	KC87-060L-101005-01	KC87-060U-101005-01	KC87-060L-111018-01	KC87-060U-111018-01	KC87-067L-111020-01	KC87-067U-111020-01	KC87-068L-090417-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-067	KC87-067	KC87-068
		9/18/2009	9/18/2009	10/5/2010	10/5/2010	10/18/2011	10/18/2011	10/20/2011	10/20/2011	4/17/2009
		KC87-060L-090918-01	KC87-060U-090918-01	KC87-060L-101005-01	KC87-060U-101005-01	KC87-060L-111018-01	KC87-060U-111018-01	KC87-067L-111020-01	KC87-067U-111020-01	KC87-068L-090417-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068
		4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011
		KC87-068U-090417-01	KC87-068L-090925-01	KC87-068U-090925-01	KC87-068L-100331-01	KC87-068U-100331-01	KC87-068L-101007-01	KC87-068U-101007-01	KC87-068L-110427-01	KC87-068U-110427-01
VOCs										
Acetone	67-64-1	< 10	11	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068
		4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011
		KC87-068U-090417-01	KC87-068L-090925-01	KC87-068U-090925-01	KC87-068L-100331-01	KC87-068U-100331-01	KC87-068L-101007-01	KC87-068U-101007-01	KC87-068L-110427-01	KC87-068U-110427-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068
		4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011
		KC87-068U-090417-01	KC87-068L-090925-01	KC87-068U-090925-01	KC87-068L-100331-01	KC87-068U-100331-01	KC87-068L-101007-01	KC87-068U-101007-01	KC87-068L-110427-01	KC87-068U-110427-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068
		4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011
		KC87-068U-090417-01	KC87-068L-090925-01	KC87-068U-090925-01	KC87-068L-100331-01	KC87-068U-100331-01	KC87-068L-101007-01	KC87-068U-101007-01	KC87-068L-110427-01	KC87-068U-110427-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068
		4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011
		KC87-068U-090417-01	KC87-068L-090925-01	KC87-068U-090925-01	KC87-068L-100331-01	KC87-068U-100331-01	KC87-068L-101007-01	KC87-068U-101007-01	KC87-068L-110427-01	KC87-068U-110427-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069
		10/24/2011	4/14/2009	4/14/2009	9/28/2009	9/28/2009	4/2/2010	4/2/2010	10/15/2010	10/15/2010
		KC87-068L-111024-01	KC87-069L-090414-01	KC87-069U-090414-01	KC87-069L-090928-01	KC87-069U-090928-01	KC87-069L-100402-01	KC87-069U-100402-01	KC87-069L-101015-01	KC87-069U-101015-01
VOCs										
Acetone	67-64-1	< 10								
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 100	< 20	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5								
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 35	< 7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1								
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 50	< 10	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	5.7	< 0.7	7.2	< 0.7	< 35	< 7	4.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	46.9	< 1.3	28.4	< 1.3	< 65	< 13	26.4	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	9830	151	7200	140	8080	50.5	10500 E	125
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4		< 2	< 2	< 2	< 2	< 100	< 20	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069
		10/24/2011	4/14/2009	4/14/2009	9/28/2009	9/28/2009	4/2/2010	4/2/2010	10/15/2010	10/15/2010
		KC87-068L-111024-01	KC87-069L-090414-01	KC87-069U-090414-01	KC87-069L-090928-01	KC87-069U-090928-01	KC87-069L-100402-01	KC87-069U-100402-01	KC87-069L-101015-01	KC87-069U-101015-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10								
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 250	< 50	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	4.9	< 0.5	1.7	< 0.5	< 25	< 5	0.55	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 100	< 20	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1								
Trichloroethene	79-01-6	< 1.2	6700	164	6740	258	999	100	2450	306
Trichlorofluoromethane	75-69-4		< 1	< 1	< 1	< 1	< 50	< 10	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-			< 5	< 5	< 5	< 5	< 250	< 50	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	576	< 1.8	276	< 1.8	1510	< 18	288	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7		< 7	< 7	< 7	< 7	< 350	< 70	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069
		10/24/2011	4/14/2009	4/14/2009	9/28/2009	9/28/2009	4/2/2010	4/2/2010	10/15/2010	10/15/2010
		KC87-068L-111024-01	KC87-069L-090414-01	KC87-069U-090414-01	KC87-069L-090928-01	KC87-069U-090928-01	KC87-069L-100402-01	KC87-069U-100402-01	KC87-069L-101015-01	KC87-069U-101015-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069
		10/24/2011	4/14/2009	4/14/2009	9/28/2009	9/28/2009	4/2/2010	4/2/2010	10/15/2010	10/15/2010
		KC87-068L-111024-01	KC87-069L-090414-01	KC87-069U-090414-01	KC87-069L-090928-01	KC87-069U-090928-01	KC87-069L-100402-01	KC87-069U-100402-01	KC87-069L-101015-01	KC87-069U-101015-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069
		10/24/2011	4/14/2009	4/14/2009	9/28/2009	9/28/2009	4/2/2010	4/2/2010	10/15/2010	10/15/2010
		KC87-068L-111024-01	KC87-069L-090414-01	KC87-069U-090414-01	KC87-069L-090928-01	KC87-069U-090928-01	KC87-069L-100402-01	KC87-069U-100402-01	KC87-069L-101015-01	KC87-069U-101015-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2		< 0.5	< 0.5						
Aroclor 1221	11104-28-2		< 0.5	< 0.5						
Aroclor 1232	11141-16-5		< 0.5	< 0.5						
Aroclor 1242	53469-21-9		< 0.5	< 0.5						
Aroclor 1248	12672-29-6		< 0.5	< 0.5						
Aroclor 1254	11097-69-1		< 0.5	< 0.5						
Aroclor 1260	11096-82-5		< 0.5	< 0.5						
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-069	KC87-069	KC87-069	KC87-069	KC87-071	KC87-071	KC87-071	KC87-071	KC87-071
		4/25/2011	4/25/2011	10/19/2011	10/19/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011
		KC87-069L-110425-01	KC87-069U-110425-01	KC87-069L-111019-01	KC87-069U-111019-01	KC87-071L-090929-01	KC87-071U-090929-01	KC87-071L-101004-01	KC87-071U-101004-01	KC87-071L-110425-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	5.4	< 0.7	< 0.7	< 0.7	3.5	< 0.7	2.1	< 0.7	2.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	17.7	< 1.3	26.4	< 1.3	2.1	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	4950	55.1	7670	74.2	156	< 0.5	14.7	5.3	9
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-069	KC87-069	KC87-069	KC87-069	KC87-071	KC87-071	KC87-071	KC87-071	KC87-071
		4/25/2011	4/25/2011	10/19/2011	10/19/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011
		KC87-069L-110425-01	KC87-069U-110425-01	KC87-069L-111019-01	KC87-069U-111019-01	KC87-071L-090929-01	KC87-071U-090929-01	KC87-071L-101004-01	KC87-071U-101004-01	KC87-071L-110425-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	560	140	34.6	76.2	3.3	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	1620	< 1.8	1140	< 1.8	210	< 1.8	71.9	14.1	155
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-069	KC87-069	KC87-069	KC87-069	KC87-071	KC87-071	KC87-071	KC87-071	KC87-071
		4/25/2011	4/25/2011	10/19/2011	10/19/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011
		KC87-069L-110425-01	KC87-069U-110425-01	KC87-069L-111019-01	KC87-069U-111019-01	KC87-071L-090929-01	KC87-071U-090929-01	KC87-071L-101004-01	KC87-071U-101004-01	KC87-071L-110425-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-069	KC87-069	KC87-069	KC87-069	KC87-071	KC87-071	KC87-071	KC87-071	KC87-071
		4/25/2011	4/25/2011	10/19/2011	10/19/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011
		KC87-069L-110425-01	KC87-069U-110425-01	KC87-069L-111019-01	KC87-069U-111019-01	KC87-071L-090929-01	KC87-071U-090929-01	KC87-071L-101004-01	KC87-071U-101004-01	KC87-071L-110425-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-069	KC87-069	KC87-069	KC87-069	KC87-071	KC87-071	KC87-071	KC87-071	KC87-071
		4/25/2011	4/25/2011	10/19/2011	10/19/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011
		KC87-069L-110425-01	KC87-069U-110425-01	KC87-069L-111019-01	KC87-069U-111019-01	KC87-071L-090929-01	KC87-071U-090929-01	KC87-071L-101004-01	KC87-071U-101004-01	KC87-071L-110425-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-071	KC87-071	KC87-071	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072
		4/25/2011	10/24/2011	10/24/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011	4/25/2011
		KC87-071U-110425-01	KC87-071L-111024-01	KC87-071U-111024-01	KC87-072L-090929-01	KC87-072U-090929-01	KC87-072L-101004-01	KC87-072U-101004-01	KC87-072L-110425-01	KC87-072U-110425-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	3.4	< 0.7	1.2	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	2.9	52.8	2.1	94.2	< 0.5	9.5	< 0.5	2.9	0.57
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-071	KC87-071	KC87-071	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072
		4/25/2011	10/24/2011	10/24/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011	4/25/2011
		KC87-071U-110425-01	KC87-071L-111024-01	KC87-071U-111024-01	KC87-072L-090929-01	KC87-072U-090929-01	KC87-072L-101004-01	KC87-072U-101004-01	KC87-072L-110425-01	KC87-072U-110425-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	143	7	93.2	< 1.8	21.5	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-071	KC87-071	KC87-071	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072
		4/25/2011	10/24/2011	10/24/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011	4/25/2011
		KC87-071U-110425-01	KC87-071L-111024-01	KC87-071U-111024-01	KC87-072L-090929-01	KC87-072U-090929-01	KC87-072L-101004-01	KC87-072U-101004-01	KC87-072L-110425-01	KC87-072U-110425-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-071	KC87-071	KC87-071	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072
		4/25/2011	10/24/2011	10/24/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011	4/25/2011
		KC87-071U-110425-01	KC87-071L-111024-01	KC87-071U-111024-01	KC87-072L-090929-01	KC87-072U-090929-01	KC87-072L-101004-01	KC87-072U-101004-01	KC87-072L-110425-01	KC87-072U-110425-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-071	KC87-071	KC87-071	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072
		4/25/2011	10/24/2011	10/24/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011	4/25/2011
		KC87-071U-110425-01	KC87-071L-111024-01	KC87-071U-111024-01	KC87-072L-090929-01	KC87-072U-090929-01	KC87-072L-101004-01	KC87-072U-101004-01	KC87-072L-110425-01	KC87-072U-110425-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-072	KC87-072	KC87-072	KC87-072	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073
		6/3/2011	6/3/2011	10/24/2011	10/24/2011	4/14/2009	4/15/2009	10/1/2009	10/1/2009	4/2/2010
		KC87-072L-110603-01	KC87-072U-110603-01	KC87-072L-111024-01	KC87-072U-111024-01	KC87-073U-090414-01	KC87-073L-090415-01	KC87-073L-091001-01	KC87-073U-091001-01	KC87-073L-100402-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 1	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	23.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-072	KC87-072	KC87-072	KC87-072	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073
		6/3/2011	6/3/2011	10/24/2011	10/24/2011	4/14/2009	4/15/2009	10/1/2009	10/1/2009	4/2/2010
		KC87-072L-110603-01	KC87-072U-110603-01	KC87-072L-111024-01	KC87-072U-111024-01	KC87-073U-090414-01	KC87-073L-090415-01	KC87-073L-091001-01	KC87-073U-091001-01	KC87-073L-100402-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	51.2	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-072	KC87-072	KC87-072	KC87-072	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073
		6/3/2011	6/3/2011	10/24/2011	10/24/2011	4/14/2009	4/15/2009	10/1/2009	10/1/2009	4/2/2010
		KC87-072L-110603-01	KC87-072U-110603-01	KC87-072L-111024-01	KC87-072U-111024-01	KC87-073U-090414-01	KC87-073L-090415-01	KC87-073L-091001-01	KC87-073U-091001-01	KC87-073L-100402-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-072	KC87-072	KC87-072	KC87-072	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073
		6/3/2011	6/3/2011	10/24/2011	10/24/2011	4/14/2009	4/15/2009	10/1/2009	10/1/2009	4/2/2010
		KC87-072L-110603-01	KC87-072U-110603-01	KC87-072L-111024-01	KC87-072U-111024-01	KC87-073U-090414-01	KC87-073L-090415-01	KC87-073L-091001-01	KC87-073U-091001-01	KC87-073L-100402-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-072	KC87-072	KC87-072	KC87-072	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073
		6/3/2011	6/3/2011	10/24/2011	10/24/2011	4/14/2009	4/15/2009	10/1/2009	10/1/2009	4/2/2010
		KC87-072L-110603-01	KC87-072U-110603-01	KC87-072L-111024-01	KC87-072U-111024-01	KC87-073U-090414-01	KC87-073L-090415-01	KC87-073L-091001-01	KC87-073U-091001-01	KC87-073L-100402-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2					< 0.5	< 0.5			
Aroclor 1221	11104-28-2					< 0.5	< 0.5			
Aroclor 1232	11141-16-5					< 0.5	< 0.5			
Aroclor 1242	53469-21-9					< 0.5	< 0.5			
Aroclor 1248	12672-29-6					< 0.5	< 0.5			
Aroclor 1254	11097-69-1					< 0.5	< 0.5			
Aroclor 1260	11096-82-5					< 0.5	< 0.5			
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-074	KC87-074
		4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011	10/18/2011	10/18/2011	4/16/2009	4/16/2009
		KC87-073U-100402-01	KC87-073L-101004-01	KC87-073U-101004-01	KC87-073L-110427-01	KC87-073U-110427-01	KC87-073L-111018-01	KC87-073U-111018-01	KC87-074L-090416-01	KC87-074U-090416-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-074	KC87-074
		4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011	10/18/2011	10/18/2011	4/16/2009	4/16/2009
		KC87-073U-100402-01	KC87-073L-101004-01	KC87-073U-101004-01	KC87-073L-110427-01	KC87-073U-110427-01	KC87-073L-111018-01	KC87-073U-111018-01	KC87-074L-090416-01	KC87-074U-090416-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-074	KC87-074
		4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011	10/18/2011	10/18/2011	4/16/2009	4/16/2009
		KC87-073U-100402-01	KC87-073L-101004-01	KC87-073U-101004-01	KC87-073L-110427-01	KC87-073U-110427-01	KC87-073L-111018-01	KC87-073U-111018-01	KC87-074L-090416-01	KC87-074U-090416-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-074	KC87-074
		4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011	10/18/2011	10/18/2011	4/16/2009	4/16/2009
		KC87-073U-100402-01	KC87-073L-101004-01	KC87-073U-101004-01	KC87-073L-110427-01	KC87-073U-110427-01	KC87-073L-111018-01	KC87-073U-111018-01	KC87-074L-090416-01	KC87-074U-090416-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-074	KC87-074
		4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011	10/18/2011	10/18/2011	4/16/2009	4/16/2009
		KC87-073U-100402-01	KC87-073L-101004-01	KC87-073U-101004-01	KC87-073L-110427-01	KC87-073U-110427-01	KC87-073L-111018-01	KC87-073U-111018-01	KC87-074L-090416-01	KC87-074U-090416-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2								< 0.5	< 0.5
Aroclor 1221	11104-28-2								< 0.5	< 0.5
Aroclor 1232	11141-16-5								< 0.5	< 0.5
Aroclor 1242	53469-21-9								< 0.5	< 0.5
Aroclor 1248	12672-29-6								< 0.5	< 0.5
Aroclor 1254	11097-69-1								< 0.5	< 0.5
Aroclor 1260	11096-82-5								< 0.5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074
		9/28/2009	9/28/2009	4/1/2010	4/1/2010	9/30/2010	9/30/2010	4/27/2011	4/27/2011	10/18/2011
		KC87-074L-090928-01	KC87-074U-090928-01	KC87-074L-100401-01	KC87-074U-100401-01	KC87-074L-100930-01	KC87-074U-100930-01	KC87-074L-110427-01	KC87-074U-110427-01	KC87-074L-111018-01
VOCs										
Acetone	67-64-1					< 10	< 10			
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0					< 5	< 5			
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3					< 0.5	< 0.5			
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2			< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074
		9/28/2009	9/28/2009	4/1/2010	4/1/2010	9/30/2010	9/30/2010	4/27/2011	4/27/2011	10/18/2011
		KC87-074L-090928-01	KC87-074U-090928-01	KC87-074L-100401-01	KC87-074U-100401-01	KC87-074L-100930-01	KC87-074U-100930-01	KC87-074L-110427-01	KC87-074U-110427-01	KC87-074L-111018-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3					< 5	< 5			
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5					< 0.5	< 0.5			
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5			< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7			< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074
		9/28/2009	9/28/2009	4/1/2010	4/1/2010	9/30/2010	9/30/2010	4/27/2011	4/27/2011	10/18/2011
		KC87-074L-090928-01	KC87-074U-090928-01	KC87-074L-100401-01	KC87-074U-100401-01	KC87-074L-100930-01	KC87-074U-100930-01	KC87-074L-110427-01	KC87-074U-110427-01	KC87-074L-111018-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074
		9/28/2009	9/28/2009	4/1/2010	4/1/2010	9/30/2010	9/30/2010	4/27/2011	4/27/2011	10/18/2011
		KC87-074L-090928-01	KC87-074U-090928-01	KC87-074L-100401-01	KC87-074U-100401-01	KC87-074L-100930-01	KC87-074U-100930-01	KC87-074L-110427-01	KC87-074U-110427-01	KC87-074L-111018-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074
		9/28/2009	9/28/2009	4/1/2010	4/1/2010	9/30/2010	9/30/2010	4/27/2011	4/27/2011	10/18/2011
		KC87-074L-090928-01	KC87-074U-090928-01	KC87-074L-100401-01	KC87-074U-100401-01	KC87-074L-100930-01	KC87-074U-100930-01	KC87-074L-110427-01	KC87-074U-110427-01	KC87-074L-111018-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075
		10/18/2011	4/9/2009	4/9/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC87-074U-111018-01	KC87-075L-090409-01	KC87-075U-090409-01	KC87-075L-090924-01	KC87-075U-090924-01	KC87-075L-100401-01	KC87-075U-100401-01	KC87-075L-101012-01	KC87-075U-101012-01
VOCs										
Acetone	67-64-1				29.8	< 10			< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0				< 5	< 5			< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3				< 0.5	< 0.5			< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2			< 2	< 2		
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075
		10/18/2011	4/9/2009	4/9/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC87-074U-111018-01	KC87-075L-090409-01	KC87-075U-090409-01	KC87-075L-090924-01	KC87-075U-090924-01	KC87-075L-100401-01	KC87-075U-100401-01	KC87-075L-101012-01	KC87-075U-101012-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3				< 5	< 5			< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5				< 0.5	< 0.5			< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1			< 1	< 1		
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5			< 5	< 5		
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7			< 7	< 7		
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075
		10/18/2011	4/9/2009	4/9/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC87-074U-111018-01	KC87-075L-090409-01	KC87-075U-090409-01	KC87-075L-090924-01	KC87-075U-090924-01	KC87-075L-100401-01	KC87-075U-100401-01	KC87-075L-101012-01	KC87-075U-101012-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075
		10/18/2011	4/9/2009	4/9/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC87-074U-111018-01	KC87-075L-090409-01	KC87-075U-090409-01	KC87-075L-090924-01	KC87-075U-090924-01	KC87-075L-100401-01	KC87-075U-100401-01	KC87-075L-101012-01	KC87-075U-101012-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075
		10/18/2011	4/9/2009	4/9/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC87-074U-111018-01	KC87-075L-090409-01	KC87-075U-090409-01	KC87-075L-090924-01	KC87-075U-090924-01	KC87-075L-100401-01	KC87-075U-100401-01	KC87-075L-101012-01	KC87-075U-101012-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2		< 0.5	< 0.5						
Aroclor 1221	11104-28-2		< 0.5	< 0.5						
Aroclor 1232	11141-16-5		< 0.5	< 0.5						
Aroclor 1242	53469-21-9		< 0.5	< 0.5						
Aroclor 1248	12672-29-6		< 0.5	< 0.5						
Aroclor 1254	11097-69-1		< 0.5	< 0.5						
Aroclor 1260	11096-82-5		< 0.5	< 0.5						
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-075	KC87-075	KC87-075	KC87-075	KC87-076	KC87-076	KC87-076	KC87-076	KC87-076
		5/9/2011	5/9/2011	10/25/2011	10/25/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010	10/24/2011
		KC87-075L-110509-01	KC87-075U-110509-01	KC87-075L-111025-01	KC87-075U-111025-01	KC87-076L-090916-01	KC87-076U-090916-01	KC87-076L-100930-01	KC87-076U-100930-01	KC87-076L-111024-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10			< 10	< 10	
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5			< 5	< 5	
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 1	< 1			< 0.5	< 0.5	
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	3.7	< 0.5	4.5	< 0.5	3.6
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4					< 2	< 2			< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-075	KC87-075	KC87-075	KC87-075	KC87-076	KC87-076	KC87-076	KC87-076	KC87-076
		5/9/2011	5/9/2011	10/25/2011	10/25/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010	10/24/2011
		KC87-075L-110509-01	KC87-075U-110509-01	KC87-075L-111025-01	KC87-075U-111025-01	KC87-076L-090916-01	KC87-076U-090916-01	KC87-076L-100930-01	KC87-076U-100930-01	KC87-076L-111024-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 10	< 10			< 5	< 5	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 1			< 0.5	< 0.5	
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4					< 1	< 1			< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-						< 5	< 5			< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	4.7	< 1.8	1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7					< 7	< 7			< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-075	KC87-075	KC87-075	KC87-075	KC87-076	KC87-076	KC87-076	KC87-076	KC87-076
		5/9/2011	5/9/2011	10/25/2011	10/25/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010	10/24/2011
		KC87-075L-110509-01	KC87-075U-110509-01	KC87-075L-111025-01	KC87-075U-111025-01	KC87-076L-090916-01	KC87-076U-090916-01	KC87-076L-100930-01	KC87-076U-100930-01	KC87-076L-111024-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-075	KC87-075	KC87-075	KC87-075	KC87-076	KC87-076	KC87-076	KC87-076	KC87-076
		5/9/2011	5/9/2011	10/25/2011	10/25/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010	10/24/2011
		KC87-075L-110509-01	KC87-075U-110509-01	KC87-075L-111025-01	KC87-075U-111025-01	KC87-076L-090916-01	KC87-076U-090916-01	KC87-076L-100930-01	KC87-076U-100930-01	KC87-076L-111024-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-075	KC87-075	KC87-075	KC87-075	KC87-076	KC87-076	KC87-076	KC87-076	KC87-076
		5/9/2011	5/9/2011	10/25/2011	10/25/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010	10/24/2011
		KC87-075L-110509-01	KC87-075U-110509-01	KC87-075L-111025-01	KC87-075U-111025-01	KC87-076L-090916-01	KC87-076U-090916-01	KC87-076L-100930-01	KC87-076U-100930-01	KC87-076L-111024-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-076	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077
		10/24/2011	9/24/2009	9/24/2009	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011
		KC87-076U-111024-01	KC88-077L-090924-01	KC88-077U-090924-01	KC88-077L-101005-01	KC88-077U-101005-01	KC88-077L-110426-01	KC88-077U-110426-01	KC88-077L-111021-01	KC88-077U-111021-01
VOCs										
Acetone	67-64-1		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3		< 0.5	< 0.5	0.54	0.57	< 0.5	< 0.5	< 1	< 1
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	234	< 0.5	543	0.92	170	< 0.5	307	1.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2								
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-076	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077
		10/24/2011	9/24/2009	9/24/2009	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011
		KC87-076U-111024-01	KC88-077L-090924-01	KC88-077U-090924-01	KC88-077L-101005-01	KC88-077U-101005-01	KC88-077L-110426-01	KC88-077U-110426-01	KC88-077L-111021-01	KC88-077U-111021-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1								
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5								
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	2.4	10.2	41.2	1.8	45.1	< 1.8	44.1	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7								
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-076	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077
		10/24/2011	9/24/2009	9/24/2009	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011
		KC87-076U-111024-01	KC88-077L-090924-01	KC88-077U-090924-01	KC88-077L-101005-01	KC88-077U-101005-01	KC88-077L-110426-01	KC88-077U-110426-01	KC88-077L-111021-01	KC88-077U-111021-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-076	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077
		10/24/2011	9/24/2009	9/24/2009	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011
		KC87-076U-111024-01	KC88-077L-090924-01	KC88-077U-090924-01	KC88-077L-101005-01	KC88-077U-101005-01	KC88-077L-110426-01	KC88-077U-110426-01	KC88-077L-111021-01	KC88-077U-111021-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-076	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077
		10/24/2011	9/24/2009	9/24/2009	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011
		KC87-076U-111024-01	KC88-077L-090924-01	KC88-077U-090924-01	KC88-077L-101005-01	KC88-077U-101005-01	KC88-077L-110426-01	KC88-077U-110426-01	KC88-077L-111021-01	KC88-077U-111021-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-078	KC88-078	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079
		9/9/2005	9/9/2005	4/17/2009	9/16/2009	3/31/2010	10/7/2010	4/27/2011	6/3/2011	10/24/2011
		KC88-078L-050909-01	KC88-078U-050909-01	KC88-079L-090417-01	KC88-079L-090916-01	KC88-079L-100331-01	KC88-079L-101007-01	KC88-079L-110427-01	KC88-079L-110603-01	KC88-079L-111024-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	146	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	37	37	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-078	KC88-078	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079
		9/9/2005	9/9/2005	4/17/2009	9/16/2009	3/31/2010	10/7/2010	4/27/2011	6/3/2011	10/24/2011
		KC88-078L-050909-01	KC88-078U-050909-01	KC88-079L-090417-01	KC88-079L-090916-01	KC88-079L-100331-01	KC88-079L-101007-01	KC88-079L-110427-01	KC88-079L-110603-01	KC88-079L-111024-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	60.2	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	24	6.3	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-078	KC88-078	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079
		9/9/2005	9/9/2005	4/17/2009	9/16/2009	3/31/2010	10/7/2010	4/27/2011	6/3/2011	10/24/2011
		KC88-078L-050909-01	KC88-078U-050909-01	KC88-079L-090417-01	KC88-079L-090916-01	KC88-079L-100331-01	KC88-079L-101007-01	KC88-079L-110427-01	KC88-079L-110603-01	KC88-079L-111024-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-078	KC88-078	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079
		9/9/2005	9/9/2005	4/17/2009	9/16/2009	3/31/2010	10/7/2010	4/27/2011	6/3/2011	10/24/2011
		KC88-078L-050909-01	KC88-078U-050909-01	KC88-079L-090417-01	KC88-079L-090916-01	KC88-079L-100331-01	KC88-079L-101007-01	KC88-079L-110427-01	KC88-079L-110603-01	KC88-079L-111024-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-078	KC88-078	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079
		9/9/2005	9/9/2005	4/17/2009	9/16/2009	3/31/2010	10/7/2010	4/27/2011	6/3/2011	10/24/2011
		KC88-078L-050909-01	KC88-078U-050909-01	KC88-079L-090417-01	KC88-079L-090916-01	KC88-079L-100331-01	KC88-079L-101007-01	KC88-079L-110427-01	KC88-079L-110603-01	KC88-079L-111024-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083
		4/17/2009	4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011
		KC88-083L-090417-01	KC88-083U-090417-01	KC88-083L-090925-01	KC88-083U-090925-01	KC88-083L-100331-01	KC88-083U-100331-01	KC88-083L-101007-01	KC88-083U-101007-01	KC88-083L-110427-01
VOCs										
Acetone	67-64-1	< 10	< 10	10.6	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.97	< 0.5	1.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083
		4/17/2009	4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011
		KC88-083L-090417-01	KC88-083U-090417-01	KC88-083L-090925-01	KC88-083U-090925-01	KC88-083L-100331-01	KC88-083U-100331-01	KC88-083L-101007-01	KC88-083U-101007-01	KC88-083L-110427-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083
		4/17/2009	4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011
		KC88-083L-090417-01	KC88-083U-090417-01	KC88-083L-090925-01	KC88-083U-090925-01	KC88-083L-100331-01	KC88-083U-100331-01	KC88-083L-101007-01	KC88-083U-101007-01	KC88-083L-110427-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083
		4/17/2009	4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011
		KC88-083L-090417-01	KC88-083U-090417-01	KC88-083L-090925-01	KC88-083U-090925-01	KC88-083L-100331-01	KC88-083U-100331-01	KC88-083L-101007-01	KC88-083U-101007-01	KC88-083L-110427-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083
		4/17/2009	4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011
		KC88-083L-090417-01	KC88-083U-090417-01	KC88-083L-090925-01	KC88-083U-090925-01	KC88-083L-100331-01	KC88-083U-100331-01	KC88-083L-101007-01	KC88-083U-101007-01	KC88-083L-110427-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC89-102
		10/24/2011	10/24/2011	9/24/2009	9/24/2009	10/6/2010	10/6/2010	10/21/2011	10/21/2011	9/25/2009
		KC88-083L-111024-01	KC88-083U-111024-01	KC88-084L-090924-01	KC88-084U-090924-01	KC88-084L-101006-01	KC88-084U-101006-01	KC88-084L-111021-01	KC88-084U-111021-01	KC89-102L-090925-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	10	< 10	< 10	< 10	< 10	
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	0.63	< 0.5	0.63	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC89-102
		10/24/2011	10/24/2011	9/24/2009	9/24/2009	10/6/2010	10/6/2010	10/21/2011	10/21/2011	9/25/2009
		KC88-083L-111024-01	KC88-083U-111024-01	KC88-084L-090924-01	KC88-084U-090924-01	KC88-084L-101006-01	KC88-084U-101006-01	KC88-084L-111021-01	KC88-084U-111021-01	KC89-102L-090925-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 5	< 5	< 10	< 10	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC89-102
		10/24/2011	10/24/2011	9/24/2009	9/24/2009	10/6/2010	10/6/2010	10/21/2011	10/21/2011	9/25/2009
		KC88-083L-111024-01	KC88-083U-111024-01	KC88-084L-090924-01	KC88-084U-090924-01	KC88-084L-101006-01	KC88-084U-101006-01	KC88-084L-111021-01	KC88-084U-111021-01	KC89-102L-090925-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC89-102
		10/24/2011	10/24/2011	9/24/2009	9/24/2009	10/6/2010	10/6/2010	10/21/2011	10/21/2011	9/25/2009
		KC88-083L-111024-01	KC88-083U-111024-01	KC88-084L-090924-01	KC88-084U-090924-01	KC88-084L-101006-01	KC88-084U-101006-01	KC88-084L-111021-01	KC88-084U-111021-01	KC89-102L-090925-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC89-102
		10/24/2011	10/24/2011	9/24/2009	9/24/2009	10/6/2010	10/6/2010	10/21/2011	10/21/2011	9/25/2009
		KC88-083L-111024-01	KC88-083U-111024-01	KC88-084L-090924-01	KC88-084U-090924-01	KC88-084L-101006-01	KC88-084U-101006-01	KC88-084L-111021-01	KC88-084U-111021-01	KC89-102L-090925-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-102	KC89-102	KC89-102	KC89-102	KC89-102	KC89-104	KC89-104	KC89-104	KC89-104
		9/25/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC89-102U-090925-01	KC89-102L-101013-01	KC89-102U-101013-01	KC89-102L-111017-01	KC89-102U-111017-01	KC89-104L-090916-01	KC89-104U-090916-01	KC89-104L-101006-01	KC89-104U-101006-01
VOCs										
Acetone	67-64-1						< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0						< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3						< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2				
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-102	KC89-102	KC89-102	KC89-102	KC89-102	KC89-104	KC89-104	KC89-104	KC89-104
		9/25/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC89-102U-090925-01	KC89-102L-101013-01	KC89-102U-101013-01	KC89-102L-111017-01	KC89-102U-111017-01	KC89-104L-090916-01	KC89-104U-090916-01	KC89-104L-101006-01	KC89-104U-101006-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3						< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5						< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1				
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5				
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7				
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-102	KC89-102	KC89-102	KC89-102	KC89-102	KC89-104	KC89-104	KC89-104	KC89-104
		9/25/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC89-102U-090925-01	KC89-102L-101013-01	KC89-102U-101013-01	KC89-102L-111017-01	KC89-102U-111017-01	KC89-104L-090916-01	KC89-104U-090916-01	KC89-104L-101006-01	KC89-104U-101006-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-102	KC89-102	KC89-102	KC89-102	KC89-102	KC89-104	KC89-104	KC89-104	KC89-104
		9/25/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC89-102U-090925-01	KC89-102L-101013-01	KC89-102U-101013-01	KC89-102L-111017-01	KC89-102U-111017-01	KC89-104L-090916-01	KC89-104U-090916-01	KC89-104L-101006-01	KC89-104U-101006-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-102	KC89-102	KC89-102	KC89-102	KC89-102	KC89-104	KC89-104	KC89-104	KC89-104
		9/25/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC89-102U-090925-01	KC89-102L-101013-01	KC89-102U-101013-01	KC89-102L-111017-01	KC89-102U-111017-01	KC89-104L-090916-01	KC89-104U-090916-01	KC89-104L-101006-01	KC89-104U-101006-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-104	KC89-104	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-109
		10/17/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/4/2005
		KC89-104L-111017-01	KC89-104U-111017-01	KC89-105L-090416-01	KC89-105L-090928-01	KC89-105L-100331-01	KC89-105L-101006-01	KC89-105L-110429-01	KC89-105L-111017-01	KC89-109L-050404-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	18
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	25
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	0.47 J
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.29 J
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	23
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5	1.8	1.6	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	4.8
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	1.2	< 0.5	1.8	1.2	2	1.5	13000
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-104	KC89-104	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-109	
		10/17/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/4/2005	
		KC89-104L-111017-01	KC89-104U-111017-01	KC89-105L-090416-01	KC89-105L-090928-01	KC89-105L-100331-01	KC89-105L-101006-01	KC89-105L-110429-01	KC89-105L-111017-01	KC89-109L-050404-01	
Isobutyl Alcohol	78-83-1										
Methacrylonitrile	126-98-7										
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 5	< 5	< 5	< 10	< 5	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Methyl Methacrylate	80-62-6										
Methylene Chloride	75-09-2										
Naphthalene	91-20-3										
Nitrobenzene	98-95-3										
Nitroso-di-N-butylamine, N-	924-16-3										
Propionitrile	107-12-0										
Styrene	100-42-5										
Tetrachloroethane, 1,1,1,2-	630-20-6										
Tetrachloroethane, 1,1,2,2-	79-34-5										
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.7	B
Trichlorobenzene, 1,2,4-	120-82-1										
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	77	
Trichlorofluoromethane	75-69-4										
Trichloropropane, 1,2,3-	96-18-4										
Trichlorotrifluoroethane, 1,1,2-											
Vinyl Acetate	108-05-4										
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	890	
Xylene, o-	95-47-6										
Xylenes	1330-20-7										
Xylenes, m & p											
SVOCs											
Acenaphthene	83-32-9										
Acenaphthylene	208-96-8										
Acetylaminofluorene, 2-	53-96-3										
Aniline	62-53-3										
Anthracene	120-12-7										
Aramite	140-57-8										
Benzo[a]anthracene	56-55-3										
Benzo[a]pyrene	50-32-8										
Benzo[b]fluoranthene	205-99-2										
Benzo[g,h,i]perylene	191-24-2										
Benzo[k]fluoranthene	207-08-9										
Benzyl Alcohol	100-51-6										
Bis(2-chloroethoxy)methane	111-91-1										
Bis(2-ethylhexyl)phthalate	117-81-7										
Bromophenyl phenyl ether, 4-	101-55-3										
Butyl Benzyl Phthlate	85-68-7										
Chloroaniline, 3&4-											
Chlorophenyl-phenylether, 4-	7005-72-3										

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-104	KC89-104	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-109
		10/17/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/4/2005
		KC89-104L-111017-01	KC89-104U-111017-01	KC89-105L-090416-01	KC89-105L-090928-01	KC89-105L-100331-01	KC89-105L-101006-01	KC89-105L-110429-01	KC89-105L-111017-01	KC89-109L-050404-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-104	KC89-104	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-109
		10/17/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/4/2005
		KC89-104L-111017-01	KC89-104U-111017-01	KC89-105L-090416-01	KC89-105L-090928-01	KC89-105L-100331-01	KC89-105L-101006-01	KC89-105L-110429-01	KC89-105L-111017-01	KC89-109L-050404-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-104	KC89-104	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-109
		10/17/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/4/2005
		KC89-104L-111017-01	KC89-104U-111017-01	KC89-105L-090416-01	KC89-105L-090928-01	KC89-105L-100331-01	KC89-105L-101006-01	KC89-105L-110429-01	KC89-105L-111017-01	KC89-109L-050404-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-109	KC89-109	KC89-109	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115
		8/16/2005	12/22/2006	2/20/2007	8/24/2009	9/25/2009	9/25/2009	10/13/2010	10/13/2010	10/18/2011
		KC89-109L-050816-01	KC89-109L-061222-01	KC89-109L-070220-01	KC89-115L-090824-01	KC89-115L-090925-01	KC89-115U-090925-01	KC89-115L-101310-01	KC89-115U-101310-01	KC89-115L-111018-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10					
Acetonitrile	75-05-8				< 100					
Acetophenone	98-86-2				< 10					
Acrolein	107-02-8				< 20					
Acrylonitrile	107-13-1				< 20					
Allyl Chloride	107-05-1				< 10					
Benzene	71-43-2	14	17.1	8.5	< 5	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1				< 10					
Bis(2-chloroethyl)ether	111-44-4				< 10					
Bromodichloromethane	75-27-4				< 5					
Bromoform	75-25-2				< 5					
Bromomethane	74-83-9				< 5					
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5					
Carbon Tetrachloride	56-23-5				< 5					
Chloro-1,3-butadiene, 2-	126-99-8				< 5					
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3				< 5					
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 5					
Chloromethane	74-87-3				< 5					
Chloronaphthalene, Beta-	91-58-7				< 10					
Chlorophenol, 2-	95-57-8				< 10					
cis-1,3-Dichloropropene	10061-01-5				< 5					
Cresol, p-chloro-m-	59-50-7				< 10					
Dibromo-3-chloropropane, 1,2-	96-12-8				< 5					
Dibromochloromethane	124-48-1				< 5					
Dibromoethane, 1,2-	106-93-4				< 5					
Dibromomethane (Methylene Bromide)	74-95-3				< 5					
Dichloro-2-butene, trans-1,4-	110-57-6				< 5					
Dichlorobenzene, 1,2-	95-50-1	1.1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1				< 10					
Dichlorobenzene, 1,4-	106-46-7				< 10					
Dichlorodifluoromethane	75-71-8				< 5					
Dichloroethane, 1,1-	75-34-3	20	32.9	4.6	< 5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	7.3	11.1	1.9	< 5	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	6500	7310	1000		258	99.9	222	63.8	186
Dichloroethylene, 1,2-trans-	156-60-5				< 5					
Dichloropropane, 1,2-	78-87-5				< 5					
Dichloropropene, trans-1,3-	10061-02-6				< 5					
Dioxane, 1,4-	123-91-1				< 250					
Ethyl Methacrylate	97-63-2				< 10					
Ethylbenzene	100-41-4				< 5	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3				< 10					
Hexanone, 2-	591-78-6				< 10					
Iodomethane	74-88-4				< 5					

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-109	KC89-109	KC89-109	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115
		8/16/2005	12/22/2006	2/20/2007	8/24/2009	9/25/2009	9/25/2009	10/13/2010	10/13/2010	10/18/2011
		KC89-109L-050816-01	KC89-109L-061222-01	KC89-109L-070220-01	KC89-115L-090824-01	KC89-115L-090925-01	KC89-115U-090925-01	KC89-115L-101310-01	KC89-115U-101310-01	KC89-115L-111018-01
Isobutyl Alcohol	78-83-1				< 250					
Methacrylonitrile	126-98-7				< 100					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10					
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6				< 10					
Methylene Chloride	75-09-2				< 5					
Naphthalene	91-20-3				< 10					
Nitrobenzene	98-95-3				< 10					
Nitroso-di-N-butylamine, N-	924-16-3				< 10					
Propionitrile	107-12-0				< 20					
Styrene	100-42-5				< 5					
Tetrachloroethane, 1,1,1,2-	630-20-6				< 5					
Tetrachloroethane, 1,1,2,2-	79-34-5				< 5					
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 5	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1				< 10					
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 5					
Trichloroethene	79-01-6	110	32.3	1.8	24.8	26.9	< 1.2	20.2	1.6	14.8
Trichlorofluoromethane	75-69-4				< 5	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4				< 5					
Trichlorotrifluoroethane, 1,1,2-						< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4				< 10					
Vinyl Chloride	75-01-4	440	1260	176	16.3	12.3	4	5.1	< 1.8	2.7
Xylene, o-	95-47-6				< 5					
Xylenes	1330-20-7					< 7	< 7	< 7	< 7	< 7
Xylenes, m & p					< 5					
SVOCs										
Acenaphthene	83-32-9				< 10					
Acenaphthylene	208-96-8				< 10					
Acetylaminofluorene, 2-	53-96-3				< 10					
Aniline	62-53-3				< 10					
Anthracene	120-12-7				< 10					
Aramite	140-57-8				< 10					
Benzo[a]anthracene	56-55-3				< 10					
Benzo[a]pyrene	50-32-8				< 10					
Benzo[b]fluoranthene	205-99-2				< 10					
Benzo[g,h,i]perylene	191-24-2				< 10					
Benzo[k]fluoranthene	207-08-9				< 10					
Benzyl Alcohol	100-51-6				< 10					
Bis(2-chloroethoxy)methane	111-91-1				< 10					
Bis(2-ethylhexyl)phthalate	117-81-7				< 10					
Bromophenyl phenyl ether, 4-	101-55-3				< 10					
Butyl Benzyl Phthlate	85-68-7				< 10					
Chloroaniline, 3&4-					< 10					
Chlorophenyl-phenylether, 4-	7005-72-3				< 10					

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-109	KC89-109	KC89-109	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115
		8/16/2005	12/22/2006	2/20/2007	8/24/2009	9/25/2009	9/25/2009	10/13/2010	10/13/2010	10/18/2011
		KC89-109L-050816-01	KC89-109L-061222-01	KC89-109L-070220-01	KC89-115L-090824-01	KC89-115L-090925-01	KC89-115U-090925-01	KC89-115L-101310-01	KC89-115U-101310-01	KC89-115L-111018-01
Chrysene	218-01-9				< 10					
Cresol, 3&4-					< 10					
Cresol, o-	95-48-7				< 10					
Dibenz[a,h]anthracene	53-70-3				< 10					
Dibenzofuran	132-64-9				< 10					
Dibutyl Phthalate	84-74-2				< 10					
Dichlorobenzidine, 3,3'-	91-94-1				< 20					
Dichlorophenol, 2,4-	120-83-2				< 10					
Dichlorophenol, 2,6-	87-65-0				< 10					
Diethyl Phthalate	84-66-2				< 10					
Dimethyl phthalate	131-11-3				< 10					
Dimethylamino azobenzene [p-]	60-11-7				< 10					
Dimethylbenz(a)anthracene, 7,12-	57-97-6				< 10					
Dimethylbenzidine, 3,3'-	119-93-7				< 10					
Dimethylphenol, 2,4-	105-67-9				< 10					
Dimethylphenylethylamine, a,a-					< 10					
Dinitrobenzene, 1,3-	99-65-0				< 10					
Dinitro-o-cresol, 4,6-	534-52-1				< 10					
Dinitrophenol, 2,4-	51-28-5				< 10					
Dinitrotoluene, 2,4-	121-14-2				< 10					
Dinitrotoluene, 2,6-	606-20-2				< 10					
Di-n-octylphthalate					< 10					
Dinoseb	88-85-7				< 10					
Ethyl Methanesulfonate	62-50-0				< 10					
Fluoranthene	206-44-0				< 10					
Fluorene	86-73-7				< 10					
Hexachlorobenzene	118-74-1				< 10					
Hexachlorocyclopentadiene	77-47-4				< 10					
Hexachloroethane	67-72-1				< 10					
Hexachlorophene	70-30-4				< 250					
Hexachloropropene	1888-71-7				< 10					
Indeno[1,2,3-cd]pyrene	193-39-5				< 10					
Isophorone	78-59-1				< 10					
Isosafrole	120-58-1				< 10					
Methapyrilene	91-80-5				< 10					
Methyl methanesulfonate	66-27-3				< 10					
Methyl-5-Nitroaniline, 2-	99-55-8				< 10					
Methylcholanthrene, 3-	56-49-5				< 10					
Methylnaphthalene, 2-	91-57-6				< 10					
Naphthoquinone, 1,4-	130-15-4				< 50					
Naphthylamine, 1-	134-32-7				< 10					
Naphthylamine, 2-	91-59-8				< 10					
Nitroaniline, 2-	88-74-4				< 10					
Nitroaniline, 3-	99-09-2				< 10					
Nitroaniline, 4-	100-01-6				< 10					
Nitrophenol, 2-	88-75-5				< 10					

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-109	KC89-109	KC89-109	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115
		8/16/2005	12/22/2006	2/20/2007	8/24/2009	9/25/2009	9/25/2009	10/13/2010	10/13/2010	10/18/2011
		KC89-109L-050816-01	KC89-109L-061222-01	KC89-109L-070220-01	KC89-115L-090824-01	KC89-115L-090925-01	KC89-115U-090925-01	KC89-115L-101310-01	KC89-115U-101310-01	KC89-115L-111018-01
Nitrophenol, 4-	100-02-7				< 10					
Nitroquinoline-n-oxide, 4-	56-57-5				< 10					
Nitrosodiethylamine, N-	55-18-5				< 10					
Nitrosodimethylamine, N-	62-75-9				< 10					
Nitroso-di-N-propylamine, N-	621-64-7				< 10					
Nitrosodiphenylamine, N-	86-30-6				< 10					
Nitrosomethylethylamine, N-	10595-95-6				< 10					
Nitrosomorpholine [N-]	59-89-2				< 10					
Nitrosopiperidine [N-]	100-75-4				< 10					
Nitrosopyrrolidine, N-	930-55-2				< 10					
Pentachlorobenzene	608-93-5				< 10					
Pentachloroethane	76-01-7				< 10					
Pentachloronitrobenzene	82-68-8				< 10					
Pentachlorophenol	87-86-5				< 10					
Phenacetin	62-44-2				< 10					
Phenanthrene	85-01-8				< 10					
Phenol	108-95-2				< 10					
Phenylenediamine, p-	106-50-3				< 10					
Picoline, 2-	109-06-8				< 10					
Pyrene	129-00-0				< 10					
Pyridine	110-86-1				< 10					
Safrole	94-59-7				< 10					
Tetrachlorobenzene, 1,2,4,5-	95-94-3				< 10					
Tetrachlorophenol, 2,3,4,6-	58-90-2				< 10					
Toluidine, o-	95-53-4				< 10					
Trichlorophenol, 2,4,5-	95-95-4				< 10					
Trichlorophenol, 2,4,6-	88-06-2				< 10					
Trinitrobenzene, 1,3,5-	99-35-4				< 10					
Metals and Inorganics										
Antimony	7440-36-0				< 60					
Arsenic	7440-38-2				11.2					
Barium	7440-39-3				374					
Beryllium	7440-41-7				< 5					
Cadmium	7440-43-9				< 5					
Chromium, Total	7440-47-3				< 10					
Cobalt	7440-48-4				< 10					
Copper	7440-50-8				< 10					
Lead	7439-92-1				20					
Mercury	7439-97-6				< 0.2					
Nickel	7440-02-0				< 40					
Selenium	7782-49-2				< 35					
Silver	7440-22-4				< 10					
Thallium (Soluble Salts)	7440-28-0				< 10					
Tin	7440-31-5				< 50					
Vanadium	NA				< 50					
Zinc	7440-66-6				< 20					

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-109	KC89-109	KC89-109	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115
		8/16/2005	12/22/2006	2/20/2007	8/24/2009	9/25/2009	9/25/2009	10/13/2010	10/13/2010	10/18/2011
		KC89-109L-050816-01	KC89-109L-061222-01	KC89-109L-070220-01	KC89-115L-090824-01	KC89-115L-090925-01	KC89-115U-090925-01	KC89-115L-101310-01	KC89-115U-101310-01	KC89-115L-111018-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1				< 10					
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5				< 10					

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-115	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-120	KC89-120
		10/18/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009
		KC89-115U-111018-01	KC89-119L-090416-01	KC89-119L-090928-01	KC89-119L-100331-01	KC89-119L-101006-01	KC89-119L-110429-01	KC89-119L-111017-01	KC89-120L-090416-01	KC89-120L-090928-01
VOCs										
Acetone	67-64-1		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.53
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	51.8	1.9	< 0.5	1.2	1.5	1.1	1.4	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2								
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-115	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-120	KC89-120
		10/18/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009
		KC89-115U-111018-01	KC89-119L-090416-01	KC89-119L-090928-01	KC89-119L-100331-01	KC89-119L-101006-01	KC89-119L-110429-01	KC89-119L-111017-01	KC89-120L-090416-01	KC89-120L-090928-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1								
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5								
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	2.6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7								
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-115	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-120	KC89-120
		10/18/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009
		KC89-115U-111018-01	KC89-119L-090416-01	KC89-119L-090928-01	KC89-119L-100331-01	KC89-119L-101006-01	KC89-119L-110429-01	KC89-119L-111017-01	KC89-120L-090416-01	KC89-120L-090928-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-115	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-120	KC89-120
		10/18/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009
		KC89-115U-111018-01	KC89-119L-090416-01	KC89-119L-090928-01	KC89-119L-100331-01	KC89-119L-101006-01	KC89-119L-110429-01	KC89-119L-111017-01	KC89-120L-090416-01	KC89-120L-090928-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-115	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-120	KC89-120
		10/18/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009
		KC89-115U-111018-01	KC89-119L-090416-01	KC89-119L-090928-01	KC89-119L-100331-01	KC89-119L-101006-01	KC89-119L-110429-01	KC89-119L-111017-01	KC89-120L-090416-01	KC89-120L-090928-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-120	KC89-120	KC89-120	KC89-120	KC89-121	KC89-121	KC89-121	KC89-121	KC89-121
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011
		KC89-120L-100331-01	KC89-120L-101006-01	KC89-120L-110429-01	KC89-120L-111017-01	KC89-121L-090416-01	KC89-121L-090928-01	KC89-121L-100331-01	KC89-121L-101006-01	KC89-121L-110429-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	34.2	< 10	12.6	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	1.2	< 0.5	1.2	< 0.5	< 0.5	< 0.5	0.57	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-120	KC89-120	KC89-120	KC89-120	KC89-121	KC89-121	KC89-121	KC89-121	KC89-121
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011
		KC89-120L-100331-01	KC89-120L-101006-01	KC89-120L-110429-01	KC89-120L-111017-01	KC89-121L-090416-01	KC89-121L-090928-01	KC89-121L-100331-01	KC89-121L-101006-01	KC89-121L-110429-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-120	KC89-120	KC89-120	KC89-120	KC89-121	KC89-121	KC89-121	KC89-121	KC89-121
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011
		KC89-120L-100331-01	KC89-120L-101006-01	KC89-120L-110429-01	KC89-120L-111017-01	KC89-121L-090416-01	KC89-121L-090928-01	KC89-121L-100331-01	KC89-121L-101006-01	KC89-121L-110429-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-120	KC89-120	KC89-120	KC89-120	KC89-121	KC89-121	KC89-121	KC89-121	KC89-121
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011
		KC89-120L-100331-01	KC89-120L-101006-01	KC89-120L-110429-01	KC89-120L-111017-01	KC89-121L-090416-01	KC89-121L-090928-01	KC89-121L-100331-01	KC89-121L-101006-01	KC89-121L-110429-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-120	KC89-120	KC89-120	KC89-120	KC89-121	KC89-121	KC89-121	KC89-121	KC89-121
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011
		KC89-120L-100331-01	KC89-120L-101006-01	KC89-120L-110429-01	KC89-120L-111017-01	KC89-121L-090416-01	KC89-121L-090928-01	KC89-121L-100331-01	KC89-121L-101006-01	KC89-121L-110429-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-121	KC89-122	KC89-122	KC89-122	KC89-123	KC89-123	KC89-123	KC89-125	KC89-125
		10/17/2011	9/29/2009	10/19/2010	10/27/2011	9/29/2009	10/13/2010	10/27/2011	9/30/2009	9/30/2009
		KC89-121L-111017-01	KC89-122L-090929-01	KC89-122L-101019-01	KC89-122L-111027-01	KC89-123L-090929-01	KC89-123L-101013-01	KC89-123L-111027-01	KC89-125L-090930-01	KC89-125U-090930-01
VOCs										
Acetone	67-64-1	< 10								
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5								
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1								
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	0.95	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.68	1.3
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-121	KC89-122	KC89-122	KC89-122	KC89-123	KC89-123	KC89-123	KC89-125	KC89-125
		10/17/2011	9/29/2009	10/19/2010	10/27/2011	9/29/2009	10/13/2010	10/27/2011	9/30/2009	9/30/2009
		KC89-121L-111017-01	KC89-122L-090929-01	KC89-122L-101019-01	KC89-122L-111027-01	KC89-123L-090929-01	KC89-123L-101013-01	KC89-123L-111027-01	KC89-125L-090930-01	KC89-125U-090930-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10								
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1								
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	6.4	13.3
Xylene, o-	95-47-6									
Xylenes	1330-20-7		< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-121	KC89-122	KC89-122	KC89-122	KC89-123	KC89-123	KC89-123	KC89-125	KC89-125
		10/17/2011	9/29/2009	10/19/2010	10/27/2011	9/29/2009	10/13/2010	10/27/2011	9/30/2009	9/30/2009
		KC89-121L-111017-01	KC89-122L-090929-01	KC89-122L-101019-01	KC89-122L-111027-01	KC89-123L-090929-01	KC89-123L-101013-01	KC89-123L-111027-01	KC89-125L-090930-01	KC89-125U-090930-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-121	KC89-122	KC89-122	KC89-122	KC89-123	KC89-123	KC89-123	KC89-125	KC89-125
		10/17/2011	9/29/2009	10/19/2010	10/27/2011	9/29/2009	10/13/2010	10/27/2011	9/30/2009	9/30/2009
		KC89-121L-111017-01	KC89-122L-090929-01	KC89-122L-101019-01	KC89-122L-111027-01	KC89-123L-090929-01	KC89-123L-101013-01	KC89-123L-111027-01	KC89-125L-090930-01	KC89-125U-090930-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-121	KC89-122	KC89-122	KC89-122	KC89-123	KC89-123	KC89-123	KC89-125	KC89-125
		10/17/2011	9/29/2009	10/19/2010	10/27/2011	9/29/2009	10/13/2010	10/27/2011	9/30/2009	9/30/2009
		KC89-121L-111017-01	KC89-122L-090929-01	KC89-122L-101019-01	KC89-122L-111027-01	KC89-123L-090929-01	KC89-123L-101013-01	KC89-123L-111027-01	KC89-125L-090930-01	KC89-125U-090930-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-125	KC89-125	KC89-125	KC89-125	KC89-125	KC89-126	KC89-126	KC89-126	KC89-126
		10/11/2010	10/11/2010	5/10/2011	10/19/2011	10/19/2011	10/15/2010	10/15/2010	10/19/2011	10/19/2011
		KC89-125L-101011-01	KC89-125U-101011-01	KC89-125L-110510-01	KC89-125L-111019-01	KC89-125U-111019-01	KC89-126L-101015-01	KC89-126U-101015-01	KC89-126L-111019-01	KC89-126U-111019-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	1.1	1.1	< 0.5	0.94	1.3	1.7	< 0.5	2.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-125	KC89-125	KC89-125	KC89-125	KC89-125	KC89-126	KC89-126	KC89-126	KC89-126
		10/11/2010	10/11/2010	5/10/2011	10/19/2011	10/19/2011	10/15/2010	10/15/2010	10/19/2011	10/19/2011
		KC89-125L-101011-01	KC89-125U-101011-01	KC89-125L-110510-01	KC89-125L-111019-01	KC89-125U-111019-01	KC89-126L-101015-01	KC89-126U-101015-01	KC89-126L-111019-01	KC89-126U-111019-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	25.7	21.7	4	8.7	7.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-125	KC89-125	KC89-125	KC89-125	KC89-125	KC89-126	KC89-126	KC89-126	KC89-126
		10/11/2010	10/11/2010	5/10/2011	10/19/2011	10/19/2011	10/15/2010	10/15/2010	10/19/2011	10/19/2011
		KC89-125L-101011-01	KC89-125U-101011-01	KC89-125L-110510-01	KC89-125L-111019-01	KC89-125U-111019-01	KC89-126L-101015-01	KC89-126U-101015-01	KC89-126L-111019-01	KC89-126U-111019-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-125	KC89-125	KC89-125	KC89-125	KC89-125	KC89-126	KC89-126	KC89-126	KC89-126
		10/11/2010	10/11/2010	5/10/2011	10/19/2011	10/19/2011	10/15/2010	10/15/2010	10/19/2011	10/19/2011
		KC89-125L-101011-01	KC89-125U-101011-01	KC89-125L-110510-01	KC89-125L-111019-01	KC89-125U-111019-01	KC89-126L-101015-01	KC89-126U-101015-01	KC89-126L-111019-01	KC89-126U-111019-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-125	KC89-125	KC89-125	KC89-125	KC89-125	KC89-126	KC89-126	KC89-126	KC89-126
		10/11/2010	10/11/2010	5/10/2011	10/19/2011	10/19/2011	10/15/2010	10/15/2010	10/19/2011	10/19/2011
		KC89-125L-101011-01	KC89-125U-101011-01	KC89-125L-110510-01	KC89-125L-111019-01	KC89-125U-111019-01	KC89-126L-101015-01	KC89-126U-101015-01	KC89-126L-111019-01	KC89-126U-111019-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-134	KC90-134
		1/9/2009	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	11/28/2011	4/16/2009	9/28/2009
		KC90-133L-090109-01	KC90-133L-090416-01	KC90-133L-090928-01	KC90-133L-100331-01	KC90-133L-101006-01	KC90-133L-110429-01	KC90-133L-111128-01	KC90-134L-090416-01	KC90-134L-090928-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	32.1	10.4
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-134	KC90-134
		1/9/2009	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	11/28/2011	4/16/2009	9/28/2009
		KC90-133L-090109-01	KC90-133L-090416-01	KC90-133L-090928-01	KC90-133L-100331-01	KC90-133L-101006-01	KC90-133L-110429-01	KC90-133L-111128-01	KC90-134L-090416-01	KC90-134L-090928-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5.6	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-134	KC90-134
		1/9/2009	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	11/28/2011	4/16/2009	9/28/2009
		KC90-133L-090109-01	KC90-133L-090416-01	KC90-133L-090928-01	KC90-133L-100331-01	KC90-133L-101006-01	KC90-133L-110429-01	KC90-133L-111128-01	KC90-134L-090416-01	KC90-134L-090928-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-134	KC90-134
		1/9/2009	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	11/28/2011	4/16/2009	9/28/2009
		KC90-133L-090109-01	KC90-133L-090416-01	KC90-133L-090928-01	KC90-133L-100331-01	KC90-133L-101006-01	KC90-133L-110429-01	KC90-133L-111128-01	KC90-134L-090416-01	KC90-134L-090928-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-134	KC90-134
		1/9/2009	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	11/28/2011	4/16/2009	9/28/2009
		KC90-133L-090109-01	KC90-133L-090416-01	KC90-133L-090928-01	KC90-133L-100331-01	KC90-133L-101006-01	KC90-133L-110429-01	KC90-133L-111128-01	KC90-134L-090416-01	KC90-134L-090928-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-134	KC90-134	KC90-134	KC90-134	KC90-135	KC90-135	KC90-135	KC90-137	KC90-137
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	9/25/2009	10/13/2010	10/17/2011	4/15/2009	9/16/2009
		KC90-134L-100331-01	KC90-134L-101006-01	KC90-134L-110429-01	KC90-134L-111017-01	KC90-135L-090925-01	KC90-135L-101013-01	KC90-135L-111017-01	KC90-137L-090415-01	KC90-137L-090916-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10				22.2	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5				< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1				< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	25.3	28.2
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	4	5.4
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.6	1.9
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4					< 2	< 2	< 2		
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-134	KC90-134	KC90-134	KC90-134	KC90-135	KC90-135	KC90-135	KC90-137	KC90-137
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	9/25/2009	10/13/2010	10/17/2011	4/15/2009	9/16/2009
		KC90-134L-100331-01	KC90-134L-101006-01	KC90-134L-110429-01	KC90-134L-111017-01	KC90-135L-090925-01	KC90-135L-101013-01	KC90-135L-111017-01	KC90-137L-090415-01	KC90-137L-090916-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10				< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1				< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4					< 1	< 1	< 1		
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-						< 5	< 5	< 5		
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7					< 7	< 7	< 7		
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-134	KC90-134	KC90-134	KC90-134	KC90-135	KC90-135	KC90-135	KC90-137	KC90-137
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	9/25/2009	10/13/2010	10/17/2011	4/15/2009	9/16/2009
		KC90-134L-100331-01	KC90-134L-101006-01	KC90-134L-110429-01	KC90-134L-111017-01	KC90-135L-090925-01	KC90-135L-101013-01	KC90-135L-111017-01	KC90-137L-090415-01	KC90-137L-090916-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-134	KC90-134	KC90-134	KC90-134	KC90-135	KC90-135	KC90-135	KC90-137	KC90-137
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	9/25/2009	10/13/2010	10/17/2011	4/15/2009	9/16/2009
		KC90-134L-100331-01	KC90-134L-101006-01	KC90-134L-110429-01	KC90-134L-111017-01	KC90-135L-090925-01	KC90-135L-101013-01	KC90-135L-111017-01	KC90-137L-090415-01	KC90-137L-090916-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-134	KC90-134	KC90-134	KC90-134	KC90-135	KC90-135	KC90-135	KC90-137	KC90-137
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	9/25/2009	10/13/2010	10/17/2011	4/15/2009	9/16/2009
		KC90-134L-100331-01	KC90-134L-101006-01	KC90-134L-110429-01	KC90-134L-111017-01	KC90-135L-090925-01	KC90-135L-101013-01	KC90-135L-111017-01	KC90-137L-090415-01	KC90-137L-090916-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-137	KC90-137	KC90-137	KC90-137	KC90-137	KC90-140	KC90-140	KC90-140	KC90-140
		9/16/2009	9/30/2010	9/30/2010	10/14/2011	10/14/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010
		KC90-137U-090916-01	KC90-137L-100930-01	KC90-137U-100930-01	KC90-137L-111014-01	KC90-137U-111014-01	KC90-140L-090916-01	KC90-140U-090916-01	KC90-140L-100930-01	KC90-140U-100930-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	1.2	31.2	< 0.7	22.6	7.9	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	6.1	< 1.3	3.1	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	2.7	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-137	KC90-137	KC90-137	KC90-137	KC90-137	KC90-140	KC90-140	KC90-140	KC90-140
		9/16/2009	9/30/2010	9/30/2010	10/14/2011	10/14/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010
		KC90-137U-090916-01	KC90-137L-100930-01	KC90-137U-100930-01	KC90-137L-111014-01	KC90-137U-111014-01	KC90-140L-090916-01	KC90-140U-090916-01	KC90-140L-100930-01	KC90-140U-100930-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 10	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-137	KC90-137	KC90-137	KC90-137	KC90-137	KC90-140	KC90-140	KC90-140	KC90-140
		9/16/2009	9/30/2010	9/30/2010	10/14/2011	10/14/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010
		KC90-137U-090916-01	KC90-137L-100930-01	KC90-137U-100930-01	KC90-137L-111014-01	KC90-137U-111014-01	KC90-140L-090916-01	KC90-140U-090916-01	KC90-140L-100930-01	KC90-140U-100930-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-137	KC90-137	KC90-137	KC90-137	KC90-137	KC90-140	KC90-140	KC90-140	KC90-140
		9/16/2009	9/30/2010	9/30/2010	10/14/2011	10/14/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010
		KC90-137U-090916-01	KC90-137L-100930-01	KC90-137U-100930-01	KC90-137L-111014-01	KC90-137U-111014-01	KC90-140L-090916-01	KC90-140U-090916-01	KC90-140L-100930-01	KC90-140U-100930-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-137	KC90-137	KC90-137	KC90-137	KC90-137	KC90-140	KC90-140	KC90-140	KC90-140
		9/16/2009	9/30/2010	9/30/2010	10/14/2011	10/14/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010
		KC90-137U-090916-01	KC90-137L-100930-01	KC90-137U-100930-01	KC90-137L-111014-01	KC90-137U-111014-01	KC90-140L-090916-01	KC90-140U-090916-01	KC90-140L-100930-01	KC90-140U-100930-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-140	KC90-140	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143
		10/14/2011	10/14/2011	9/29/2009	9/29/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011
		KC90-140L-111014-01	KC90-140U-111014-01	KC90-143L-090929-01	KC90-143U-090929-01	KC90-143L-101014-01	KC90-143U-101014-01	KC90-143L-111026-01	KC90-143U-111026-01
VOCs									
Acetone	67-64-1	< 10	< 10	< 10	11.7	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8								
Acetophenone	98-86-2								
Acrolein	107-02-8								
Acrylonitrile	107-13-1								
Allyl Chloride	107-05-1								
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1								
Bis(2-chloroethyl)ether	111-44-4								
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5								
Chloro-1,3-butadiene, 2-	126-99-8								
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3								
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1
Chloromethane	74-87-3								
Chloronaphthalene, Beta-	91-58-7								
Chlorophenol, 2-	95-57-8								
cis-1,3-Dichloropropene	10061-01-5								
Cresol, p-chloro-m-	59-50-7								
Dibromo-3-chloropropane, 1,2-	96-12-8								
Dibromochloromethane	124-48-1								
Dibromoethane, 1,2-	106-93-4								
Dibromomethane (Methylene Bromide)	74-95-3								
Dichloro-2-butene, trans-1,4-	110-57-6								
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1								
Dichlorobenzene, 1,4-	106-46-7								
Dichlorodifluoromethane	75-71-8								
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	2.1	< 0.5	1.8	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5								
Dichloropropane, 1,2-	78-87-5								
Dichloropropene, trans-1,3-	10061-02-6								
Dioxane, 1,4-	123-91-1								
Ethyl Methacrylate	97-63-2								
Ethylbenzene	100-41-4								
Hexachlorobutadiene	87-68-3								
Hexanone, 2-	591-78-6								
Iodomethane	74-88-4								

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-140	KC90-140	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143
		10/14/2011	10/14/2011	9/29/2009	9/29/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011
		KC90-140L-111014-01	KC90-140U-111014-01	KC90-143L-090929-01	KC90-143U-090929-01	KC90-143L-101014-01	KC90-143U-101014-01	KC90-143L-111026-01	KC90-143U-111026-01
Isobutyl Alcohol	78-83-1								
Methacrylonitrile	126-98-7								
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 5	< 5	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6								
Methylene Chloride	75-09-2								
Naphthalene	91-20-3								
Nitrobenzene	98-95-3								
Nitroso-di-N-butylamine, N-	924-16-3								
Propionitrile	107-12-0								
Styrene	100-42-5								
Tetrachloroethane, 1,1,1,2-	630-20-6								
Tetrachloroethane, 1,1,2,2-	79-34-5								
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1								
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4								
Trichloropropane, 1,2,3-	96-18-4								
Trichlorotrifluoroethane, 1,1,2-									
Vinyl Acetate	108-05-4								
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6								
Xylenes	1330-20-7								
Xylenes, m & p									
SVOCs									
Acenaphthene	83-32-9								
Acenaphthylene	208-96-8								
Acetylaminofluorene, 2-	53-96-3								
Aniline	62-53-3								
Anthracene	120-12-7								
Aramite	140-57-8								
Benzo[a]anthracene	56-55-3								
Benzo[a]pyrene	50-32-8								
Benzo[b]fluoranthene	205-99-2								
Benzo[g,h,i]perylene	191-24-2								
Benzo[k]fluoranthene	207-08-9								
Benzyl Alcohol	100-51-6								
Bis(2-chloroethoxy)methane	111-91-1								
Bis(2-ethylhexyl)phthalate	117-81-7								
Bromophenyl phenyl ether, 4-	101-55-3								
Butyl Benzyl Phthlate	85-68-7								
Chloroaniline, 3&4-									
Chlorophenyl-phenylether, 4-	7005-72-3								

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-140	KC90-140	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143
		10/14/2011	10/14/2011	9/29/2009	9/29/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011
		KC90-140L-111014-01	KC90-140U-111014-01	KC90-143L-090929-01	KC90-143U-090929-01	KC90-143L-101014-01	KC90-143U-101014-01	KC90-143L-111026-01	KC90-143U-111026-01
Chrysene	218-01-9								
Cresol, 3&4-									
Cresol, o-	95-48-7								
Dibenz[a,h]anthracene	53-70-3								
Dibenzofuran	132-64-9								
Dibutyl Phthalate	84-74-2								
Dichlorobenzidine, 3,3'-	91-94-1								
Dichlorophenol, 2,4-	120-83-2								
Dichlorophenol, 2,6-	87-65-0								
Diethyl Phthalate	84-66-2								
Dimethyl phthalate	131-11-3								
Dimethylamino azobenzene [p-]	60-11-7								
Dimethylbenz(a)anthracene, 7,12-	57-97-6								
Dimethylbenzidine, 3,3'-	119-93-7								
Dimethylphenol, 2,4-	105-67-9								
Dimethylphenylethylamine, a,a-									
Dinitrobenzene, 1,3-	99-65-0								
Dinitro-o-cresol, 4,6-	534-52-1								
Dinitrophenol, 2,4-	51-28-5								
Dinitrotoluene, 2,4-	121-14-2								
Dinitrotoluene, 2,6-	606-20-2								
Di-n-octylphthalate									
Dinoseb	88-85-7								
Ethyl Methanesulfonate	62-50-0								
Fluoranthene	206-44-0								
Fluorene	86-73-7								
Hexachlorobenzene	118-74-1								
Hexachlorocyclopentadiene	77-47-4								
Hexachloroethane	67-72-1								
Hexachlorophene	70-30-4								
Hexachloropropene	1888-71-7								
Indeno[1,2,3-cd]pyrene	193-39-5								
Isophorone	78-59-1								
Isosafrole	120-58-1								
Methapyrilene	91-80-5								
Methyl methanesulfonate	66-27-3								
Methyl-5-Nitroaniline, 2-	99-55-8								
Methylcholanthrene, 3-	56-49-5								
Methylnaphthalene, 2-	91-57-6								
Naphthoquinone, 1,4-	130-15-4								
Naphthylamine, 1-	134-32-7								
Naphthylamine, 2-	91-59-8								
Nitroaniline, 2-	88-74-4								
Nitroaniline, 3-	99-09-2								
Nitroaniline, 4-	100-01-6								
Nitrophenol, 2-	88-75-5								

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-140	KC90-140	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143
		10/14/2011	10/14/2011	9/29/2009	9/29/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011
		KC90-140L-111014-01	KC90-140U-111014-01	KC90-143L-090929-01	KC90-143U-090929-01	KC90-143L-101014-01	KC90-143U-101014-01	KC90-143L-111026-01	KC90-143U-111026-01
Nitrophenol, 4-	100-02-7								
Nitroquinoline-n-oxide, 4-	56-57-5								
Nitrosodiethylamine, N-	55-18-5								
Nitrosodimethylamine, N-	62-75-9								
Nitroso-di-N-propylamine, N-	621-64-7								
Nitrosodiphenylamine, N-	86-30-6								
Nitrosomethylethylamine, N-	10595-95-6								
Nitrosomorpholine [N-]	59-89-2								
Nitrosopiperidine [N-]	100-75-4								
Nitrosopyrrolidine, N-	930-55-2								
Pentachlorobenzene	608-93-5								
Pentachloroethane	76-01-7								
Pentachloronitrobenzene	82-68-8								
Pentachlorophenol	87-86-5								
Phenacetin	62-44-2								
Phenanthrene	85-01-8								
Phenol	108-95-2								
Phenylenediamine, p-	106-50-3								
Picoline, 2-	109-06-8								
Pyrene	129-00-0								
Pyridine	110-86-1								
Safrole	94-59-7								
Tetrachlorobenzene, 1,2,4,5-	95-94-3								
Tetrachlorophenol, 2,3,4,6-	58-90-2								
Toluidine, o-	95-53-4								
Trichlorophenol, 2,4,5-	95-95-4								
Trichlorophenol, 2,4,6-	88-06-2								
Trinitrobenzene, 1,3,5-	99-35-4								
Metals and Inorganics									
Antimony	7440-36-0								
Arsenic	7440-38-2								
Barium	7440-39-3								
Beryllium	7440-41-7								
Cadmium	7440-43-9								
Chromium, Total	7440-47-3								
Cobalt	7440-48-4								
Copper	7440-50-8								
Lead	7439-92-1								
Mercury	7439-97-6								
Nickel	7440-02-0								
Selenium	7782-49-2								
Silver	7440-22-4								
Thallium (Soluble Salts)	7440-28-0								
Tin	7440-31-5								
Vanadium	NA								
Zinc	7440-66-6								

Table A-15
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-140	KC90-140	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143
		10/14/2011	10/14/2011	9/29/2009	9/29/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011
		KC90-140L-111014-01	KC90-140U-111014-01	KC90-143L-090929-01	KC90-143U-090929-01	KC90-143L-101014-01	KC90-143U-101014-01	KC90-143L-111026-01	KC90-143U-111026-01
PCBs and Dioxins									
Aminobiphenyl, 4-	92-67-1								
Aroclor 1016	12674-11-2								
Aroclor 1221	11104-28-2								
Aroclor 1232	11141-16-5								
Aroclor 1242	53469-21-9								
Aroclor 1248	12672-29-6								
Aroclor 1254	11097-69-1								
Aroclor 1260	11096-82-5								
Pesticides									
Pronamide (Kerb)	23950-58-5								

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-152	KC91-152	KC91-153
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011
		KC91-149L-090930-01	KC91-149U-090930-01	KC91-149L-101011-01	KC91-149U-101011-01	KC91-149L-111026-01	KC91-149U-111026-01	KC91-152L-111026-01	KC91-152U-111026-01	KC91-153L-111026-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	127	66.6	157	74.1	10.2	55.1	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-152	KC91-152	KC91-153
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011
		KC91-149L-090930-01	KC91-149U-090930-01	KC91-149L-101011-01	KC91-149U-101011-01	KC91-149L-111026-01	KC91-149U-111026-01	KC91-152L-111026-01	KC91-152U-111026-01	KC91-153L-111026-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	38.3	< 1.2	16.7	< 1.2	1.8	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-152	KC91-152	KC91-153
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011
		KC91-149L-090930-01	KC91-149U-090930-01	KC91-149L-101011-01	KC91-149U-101011-01	KC91-149L-111026-01	KC91-149U-111026-01	KC91-152L-111026-01	KC91-152U-111026-01	KC91-153L-111026-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-152	KC91-152	KC91-153
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011
		KC91-149L-090930-01	KC91-149U-090930-01	KC91-149L-101011-01	KC91-149U-101011-01	KC91-149L-111026-01	KC91-149U-111026-01	KC91-152L-111026-01	KC91-152U-111026-01	KC91-153L-111026-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-152	KC91-152	KC91-153
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011
		KC91-149L-090930-01	KC91-149U-090930-01	KC91-149L-101011-01	KC91-149U-101011-01	KC91-149L-111026-01	KC91-149U-111026-01	KC91-152L-111026-01	KC91-152U-111026-01	KC91-153L-111026-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-153	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-155	KC91-155
		10/26/2011	9/29/2009	9/29/2009	10/19/2010	10/19/2010	10/28/2011	10/28/2011	9/25/2009	9/25/2009
		KC91-153U-111026-01	KC91-154L-090929-01	KC91-154U-090929-01	KC91-154L-101019-01	KC91-154U-101019-01	KC91-154L-111028-01	KC91-154U-111028-01	KC91-155L-090925-01	KC91-155U-090925-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-153	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-155	KC91-155
		10/26/2011	9/29/2009	9/29/2009	10/19/2010	10/19/2010	10/28/2011	10/28/2011	9/25/2009	9/25/2009
		KC91-153U-111026-01	KC91-154L-090929-01	KC91-154U-090929-01	KC91-154L-101019-01	KC91-154U-101019-01	KC91-154L-111028-01	KC91-154U-111028-01	KC91-155L-090925-01	KC91-155U-090925-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 1	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-153	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-155	KC91-155
		10/26/2011	9/29/2009	9/29/2009	10/19/2010	10/19/2010	10/28/2011	10/28/2011	9/25/2009	9/25/2009
		KC91-153U-111026-01	KC91-154L-090929-01	KC91-154U-090929-01	KC91-154L-101019-01	KC91-154U-101019-01	KC91-154L-111028-01	KC91-154U-111028-01	KC91-155L-090925-01	KC91-155U-090925-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-153	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-155	KC91-155
		10/26/2011	9/29/2009	9/29/2009	10/19/2010	10/19/2010	10/28/2011	10/28/2011	9/25/2009	9/25/2009
		KC91-153U-111026-01	KC91-154L-090929-01	KC91-154U-090929-01	KC91-154L-101019-01	KC91-154U-101019-01	KC91-154L-111028-01	KC91-154U-111028-01	KC91-155L-090925-01	KC91-155U-090925-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-153	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-155	KC91-155
		10/26/2011	9/29/2009	9/29/2009	10/19/2010	10/19/2010	10/28/2011	10/28/2011	9/25/2009	9/25/2009
		KC91-153U-111026-01	KC91-154L-090929-01	KC91-154U-090929-01	KC91-154L-101019-01	KC91-154U-101019-01	KC91-154L-111028-01	KC91-154U-111028-01	KC91-155L-090925-01	KC91-155U-090925-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-155	KC91-155	KC91-155	KC91-155	KC91-156	KC91-156	KC91-156	KC91-156	KC91-156
		10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011
		KC91-155L-101012-01	KC91-155U-101012-01	KC91-155L-111018-01	KC91-155U-111018-01	KC91-156L-090930-01	KC91-156U-090930-01	KC91-156L-101014-01	KC91-156U-101014-01	KC91-156L-111026-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	0.61	1.5	< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-155	KC91-155	KC91-155	KC91-155	KC91-156	KC91-156	KC91-156	KC91-156	KC91-156
		10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011
		KC91-155L-101012-01	KC91-155U-101012-01	KC91-155L-111018-01	KC91-155U-111018-01	KC91-156L-090930-01	KC91-156U-090930-01	KC91-156L-101014-01	KC91-156U-101014-01	KC91-156L-111026-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-155	KC91-155	KC91-155	KC91-155	KC91-156	KC91-156	KC91-156	KC91-156	KC91-156
		10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011
		KC91-155L-101012-01	KC91-155U-101012-01	KC91-155L-111018-01	KC91-155U-111018-01	KC91-156L-090930-01	KC91-156U-090930-01	KC91-156L-101014-01	KC91-156U-101014-01	KC91-156L-111026-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-155	KC91-155	KC91-155	KC91-155	KC91-156	KC91-156	KC91-156	KC91-156	KC91-156
		10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011
		KC91-155L-101012-01	KC91-155U-101012-01	KC91-155L-111018-01	KC91-155U-111018-01	KC91-156L-090930-01	KC91-156U-090930-01	KC91-156L-101014-01	KC91-156U-101014-01	KC91-156L-111026-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-155	KC91-155	KC91-155	KC91-155	KC91-156	KC91-156	KC91-156	KC91-156	KC91-156
		10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011
		KC91-155L-101012-01	KC91-155U-101012-01	KC91-155L-111018-01	KC91-155U-111018-01	KC91-156L-090930-01	KC91-156U-090930-01	KC91-156L-101014-01	KC91-156U-101014-01	KC91-156L-111026-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-156	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-158	KC91-158
		10/26/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011	10/19/2011	10/19/2011
		KC91-156U-111026-01	KC91-157L-090930-01	KC91-157U-090930-01	KC91-157L-101014-01	KC91-157U-101014-01	KC91-157L-111026-01	KC91-157U-111026-01	KC91-158L-111019-01	KC91-158U-111019-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	1.3	0.91	3.5	0.77	4.1	1.2	2.4	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-156	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-158	KC91-158
		10/26/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011	10/19/2011	10/19/2011
		KC91-156U-111026-01	KC91-157L-090930-01	KC91-157U-090930-01	KC91-157L-101014-01	KC91-157U-101014-01	KC91-157L-111026-01	KC91-157U-111026-01	KC91-158L-111019-01	KC91-158U-111019-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	1.4	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	2.5	< 1.8	2.7	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-156	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-158	KC91-158
		10/26/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011	10/19/2011	10/19/2011
		KC91-156U-111026-01	KC91-157L-090930-01	KC91-157U-090930-01	KC91-157L-101014-01	KC91-157U-101014-01	KC91-157L-111026-01	KC91-157U-111026-01	KC91-158L-111019-01	KC91-158U-111019-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-156	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-158	KC91-158
		10/26/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011	10/19/2011	10/19/2011
		KC91-156U-111026-01	KC91-157L-090930-01	KC91-157U-090930-01	KC91-157L-101014-01	KC91-157U-101014-01	KC91-157L-111026-01	KC91-157U-111026-01	KC91-158L-111019-01	KC91-158U-111019-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-156	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-158	KC91-158
		10/26/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011	10/19/2011	10/19/2011
		KC91-156U-111026-01	KC91-157L-090930-01	KC91-157U-090930-01	KC91-157L-101014-01	KC91-157U-101014-01	KC91-157L-111026-01	KC91-157U-111026-01	KC91-158L-111019-01	KC91-158U-111019-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-163	KC91-163	KC91-163
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	10/8/2009	10/8/2009	10/15/2010
		KC91-160L-090930-01	KC91-160U-090930-01	KC91-160L-101011-01	KC91-160U-101011-01	KC91-160L-111019-01	KC91-160U-111019-01	KC91-163L-091008-01	KC91-163U-091008-01	KC91-163L-101015-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	2370	3	3120
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	11.6	< 0.5	8.5
Dichloroethene, 1,1-	75-35-4	5.8	< 1.3	4.7	< 1.3	4.2	< 1.3	< 260	< 1.3	180
Dichloroethene, 1,2- (Total)	540-59-0	1960	546	1790	419	1620	362	254	110	349
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-163	KC91-163	KC91-163
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	10/8/2009	10/8/2009	10/15/2010
		KC91-160L-090930-01	KC91-160U-090930-01	KC91-160L-101011-01	KC91-160U-101011-01	KC91-160L-111019-01	KC91-160U-111019-01	KC91-163L-091008-01	KC91-163U-091008-01	KC91-163L-101015-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	15.4	< 0.5	9.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	247	< 1.2	199	< 1.2	200	< 1.2	30.4	< 1.2	24.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	8.9	1.8	8.1	< 1.8	5.2	< 1.8	81.7	50.2	84.3
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-163	KC91-163	KC91-163
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	10/8/2009	10/8/2009	10/15/2010
		KC91-160L-090930-01	KC91-160U-090930-01	KC91-160L-101011-01	KC91-160U-101011-01	KC91-160L-111019-01	KC91-160U-111019-01	KC91-163L-091008-01	KC91-163U-091008-01	KC91-163L-101015-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-163	KC91-163	KC91-163
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	10/8/2009	10/8/2009	10/15/2010
		KC91-160L-090930-01	KC91-160U-090930-01	KC91-160L-101011-01	KC91-160U-101011-01	KC91-160L-111019-01	KC91-160U-111019-01	KC91-163L-091008-01	KC91-163U-091008-01	KC91-163L-101015-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-163	KC91-163	KC91-163
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	10/8/2009	10/8/2009	10/15/2010
		KC91-160L-090930-01	KC91-160U-090930-01	KC91-160L-101011-01	KC91-160U-101011-01	KC91-160L-111019-01	KC91-160U-111019-01	KC91-163L-091008-01	KC91-163U-091008-01	KC91-163L-101015-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-163	KC91-163	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165
		10/15/2010	10/27/2011	10/27/2011	4/14/2009	4/14/2009	10/2/2009	10/2/2009	3/30/2010	3/30/2010
		KC91-163U-101015-01	KC91-163L-111027-01	KC91-163U-111027-01	KC91-165L-090414-01	KC91-165U-090414-01	KC91-165L-091002-01	KC91-165U-091002-01	KC91-165L-100330-01	KC91-165U-100330-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	2.3	2370	2	< 0.7	< 0.7	0.9	< 0.7	1	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	6.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	153	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	102	256	78.5	198	49.5	79.4	33	64.3	36.8
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-163	KC91-163	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165
		10/15/2010	10/27/2011	10/27/2011	4/14/2009	4/14/2009	10/2/2009	10/2/2009	3/30/2010	3/30/2010
		KC91-163U-101015-01	KC91-163L-111027-01	KC91-163U-111027-01	KC91-165L-090414-01	KC91-165U-090414-01	KC91-165L-091002-01	KC91-165U-091002-01	KC91-165L-100330-01	KC91-165U-100330-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	3.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	1.3	16.3	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	12.6	75.1	7.5	335	< 1.8	204	< 1.8	153	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-163	KC91-163	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165
		10/15/2010	10/27/2011	10/27/2011	4/14/2009	4/14/2009	10/2/2009	10/2/2009	3/30/2010	3/30/2010
		KC91-163U-101015-01	KC91-163L-111027-01	KC91-163U-111027-01	KC91-165L-090414-01	KC91-165U-090414-01	KC91-165L-091002-01	KC91-165U-091002-01	KC91-165L-100330-01	KC91-165U-100330-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-163	KC91-163	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165
		10/15/2010	10/27/2011	10/27/2011	4/14/2009	4/14/2009	10/2/2009	10/2/2009	3/30/2010	3/30/2010
		KC91-163U-101015-01	KC91-163L-111027-01	KC91-163U-111027-01	KC91-165L-090414-01	KC91-165U-090414-01	KC91-165L-091002-01	KC91-165U-091002-01	KC91-165L-100330-01	KC91-165U-100330-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-163	KC91-163	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165
		10/15/2010	10/27/2011	10/27/2011	4/14/2009	4/14/2009	10/2/2009	10/2/2009	3/30/2010	3/30/2010
		KC91-163U-101015-01	KC91-163L-111027-01	KC91-163U-111027-01	KC91-165L-090414-01	KC91-165U-090414-01	KC91-165L-091002-01	KC91-165U-091002-01	KC91-165L-100330-01	KC91-165U-100330-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-168	KC91-168	KC91-168
		10/18/2010	10/18/2010	5/9/2011	5/9/2011	11/1/2011	11/1/2011	9/28/2009	9/28/2009	10/4/2010
		KC91-165L-101018-01	KC91-165U-101018-01	KC91-165L-110509-01	KC91-165U-110509-01	KC91-165L-111101-01	KC91-165U-111101-01	KC91-168L-090928-01	KC91-168U-090928-01	KC91-168L-101004-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	1.1	< 0.7	0.95	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	85.6	23.1	10.5	31.8	4.7	19.8	7.4	< 0.5	3.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-168	KC91-168	KC91-168
		10/18/2010	10/18/2010	5/9/2011	5/9/2011	11/1/2011	11/1/2011	9/28/2009	9/28/2009	10/4/2010
		KC91-165L-101018-01	KC91-165U-101018-01	KC91-165L-110509-01	KC91-165U-110509-01	KC91-165L-111101-01	KC91-165U-111101-01	KC91-168L-090928-01	KC91-168U-090928-01	KC91-168L-101004-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	236	< 1.8	128	< 1.8	80.3	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-168	KC91-168	KC91-168
		10/18/2010	10/18/2010	5/9/2011	5/9/2011	11/1/2011	11/1/2011	9/28/2009	9/28/2009	10/4/2010
		KC91-165L-101018-01	KC91-165U-101018-01	KC91-165L-110509-01	KC91-165U-110509-01	KC91-165L-111101-01	KC91-165U-111101-01	KC91-168L-090928-01	KC91-168U-090928-01	KC91-168L-101004-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-168	KC91-168	KC91-168
		10/18/2010	10/18/2010	5/9/2011	5/9/2011	11/1/2011	11/1/2011	9/28/2009	9/28/2009	10/4/2010
		KC91-165L-101018-01	KC91-165U-101018-01	KC91-165L-110509-01	KC91-165U-110509-01	KC91-165L-111101-01	KC91-165U-111101-01	KC91-168L-090928-01	KC91-168U-090928-01	KC91-168L-101004-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-168	KC91-168	KC91-168
		10/18/2010	10/18/2010	5/9/2011	5/9/2011	11/1/2011	11/1/2011	9/28/2009	9/28/2009	10/4/2010
		KC91-165L-101018-01	KC91-165U-101018-01	KC91-165L-110509-01	KC91-165U-110509-01	KC91-165L-111101-01	KC91-165U-111101-01	KC91-168L-090928-01	KC91-168U-090928-01	KC91-168L-101004-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-168	KC91-168	KC91-168	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171
		10/4/2010	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010	10/24/2011	10/24/2011
		KC91-168U-101004-01	KC91-168L-111025-01	KC91-168U-111025-01	KC91-171L-090928-01	KC91-171U-090928-01	KC91-171L-101004-01	KC91-171U-101004-01	KC91-171L-111024-01	KC91-171U-111024-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	51.2	< 0.7	95.9	< 0.7	2.3	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	16.5	< 1.3	27.8	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	140	< 0.5	102	< 0.5	187	< 0.5	3	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-168	KC91-168	KC91-168	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171
		10/4/2010	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010	10/24/2011	10/24/2011
		KC91-168U-101004-01	KC91-168L-111025-01	KC91-168U-111025-01	KC91-171L-090928-01	KC91-171U-090928-01	KC91-171L-101004-01	KC91-171U-101004-01	KC91-171L-111024-01	KC91-171U-111024-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	2.6	< 1.2	8	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	17.2	< 1.8	26.7	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-168	KC91-168	KC91-168	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171
		10/4/2010	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010	10/24/2011	10/24/2011
		KC91-168U-101004-01	KC91-168L-111025-01	KC91-168U-111025-01	KC91-171L-090928-01	KC91-171U-090928-01	KC91-171L-101004-01	KC91-171U-101004-01	KC91-171L-111024-01	KC91-171U-111024-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-168	KC91-168	KC91-168	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171
		10/4/2010	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010	10/24/2011	10/24/2011
		KC91-168U-101004-01	KC91-168L-111025-01	KC91-168U-111025-01	KC91-171L-090928-01	KC91-171U-090928-01	KC91-171L-101004-01	KC91-171U-101004-01	KC91-171L-111024-01	KC91-171U-111024-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-168	KC91-168	KC91-168	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171
		10/4/2010	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010	10/24/2011	10/24/2011
		KC91-168U-101004-01	KC91-168L-111025-01	KC91-168U-111025-01	KC91-171L-090928-01	KC91-171U-090928-01	KC91-171L-101004-01	KC91-171U-101004-01	KC91-171L-111024-01	KC91-171U-111024-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-179	KC91-179	KC91-179
		9/25/2009	9/25/2009	10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/23/2009	9/23/2009	10/5/2010
		KC91-176L-090925-01	KC91-176U-090925-01	KC91-176L-101012-01	KC91-176U-101012-01	KC91-176L-111018-01	KC91-176U-111018-01	KC91-179L-090923-01	KC91-179U-090923-01	KC91-179L-101005-01
VOCs										
Acetone	67-64-1							< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0							< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	10.3	6.7	9.1
Chloroethane	75-00-3									
Chloroform	67-66-3							< 0.5	< 0.5	0.61
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	4.1	2.5	4.8
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	0.87	< 0.7	0.95
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	7.5	< 0.5	40.4	0.72	37.3	1.8	77.3	4.8	67.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-179	KC91-179	KC91-179
		9/25/2009	9/25/2009	10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/23/2009	9/23/2009	10/5/2010
		KC91-176L-090925-01	KC91-176U-090925-01	KC91-176L-101012-01	KC91-176U-101012-01	KC91-176L-111018-01	KC91-176U-111018-01	KC91-179L-090923-01	KC91-179U-090923-01	KC91-179L-101005-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2			
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3							< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5							< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	7.8	< 1.2	8.6	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1			
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5			
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	2.6	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7			
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-179	KC91-179	KC91-179
		9/25/2009	9/25/2009	10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/23/2009	9/23/2009	10/5/2010
		KC91-176L-090925-01	KC91-176U-090925-01	KC91-176L-101012-01	KC91-176U-101012-01	KC91-176L-111018-01	KC91-176U-111018-01	KC91-179L-090923-01	KC91-179U-090923-01	KC91-179L-101005-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-179	KC91-179	KC91-179
		9/25/2009	9/25/2009	10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/23/2009	9/23/2009	10/5/2010
		KC91-176L-090925-01	KC91-176U-090925-01	KC91-176L-101012-01	KC91-176U-101012-01	KC91-176L-111018-01	KC91-176U-111018-01	KC91-179L-090923-01	KC91-179U-090923-01	KC91-179L-101005-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-179	KC91-179	KC91-179
		9/25/2009	9/25/2009	10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/23/2009	9/23/2009	10/5/2010
		KC91-176L-090925-01	KC91-176U-090925-01	KC91-176L-101012-01	KC91-176U-101012-01	KC91-176L-111018-01	KC91-176U-111018-01	KC91-179L-090923-01	KC91-179U-090923-01	KC91-179L-101005-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-179	KC91-179	KC91-179	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182
		10/5/2010	10/20/2011	10/20/2011	1/9/2009	4/15/2009	4/15/2009	9/24/2009	9/24/2009	3/31/2010
		KC91-179U-101005-01	KC91-179L-111020-01	KC91-179U-111020-01	KC91-182L-090109-01	KC91-182L-090415-01	KC91-182U-090415-01	KC91-182L-090924-01	KC91-182U-090924-01	KC91-182L-100331-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	35.1	35.9	< 10	< 10	< 100
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	2.1	< 2	< 2	< 2	< 2	< 20
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	7.4	< 0.7	7.8	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 7
Chloroethane	75-00-3									
Chloroform	67-66-3	0.54	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	1.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 1	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	4	5.9	< 1.3	3	< 1.3	< 13
Dichloroethene, 1,2- (Total)	540-59-0	0.86	25.9	< 0.5	1550	830	4.9	660	3.5	881
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-179	KC91-179	KC91-179	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182
		10/5/2010	10/20/2011	10/20/2011	1/9/2009	4/15/2009	4/15/2009	9/24/2009	9/24/2009	3/31/2010
		KC91-179U-101005-01	KC91-179L-111020-01	KC91-179U-111020-01	KC91-182L-090109-01	KC91-182L-090415-01	KC91-182U-090415-01	KC91-182L-090924-01	KC91-182U-090924-01	KC91-182L-100331-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 10	< 10	< 5	< 5	< 5	< 5	< 5	< 50
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 20
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5
Trichloroethene	79-01-6	< 1.2	< 1	< 1.2	< 1.2	1.3	64.5	5.8	65	< 12
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	2.1	< 1.8	< 1.8	< 1.8	< 1.8	< 18
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-179	KC91-179	KC91-179	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182
		10/5/2010	10/20/2011	10/20/2011	1/9/2009	4/15/2009	4/15/2009	9/24/2009	9/24/2009	3/31/2010
		KC91-179U-101005-01	KC91-179L-111020-01	KC91-179U-111020-01	KC91-182L-090109-01	KC91-182L-090415-01	KC91-182U-090415-01	KC91-182L-090924-01	KC91-182U-090924-01	KC91-182L-100331-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-179	KC91-179	KC91-179	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182
		10/5/2010	10/20/2011	10/20/2011	1/9/2009	4/15/2009	4/15/2009	9/24/2009	9/24/2009	3/31/2010
		KC91-179U-101005-01	KC91-179L-111020-01	KC91-179U-111020-01	KC91-182L-090109-01	KC91-182L-090415-01	KC91-182U-090415-01	KC91-182L-090924-01	KC91-182U-090924-01	KC91-182L-100331-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-179	KC91-179	KC91-179	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182
		10/5/2010	10/20/2011	10/20/2011	1/9/2009	4/15/2009	4/15/2009	9/24/2009	9/24/2009	3/31/2010
		KC91-179U-101005-01	KC91-179L-111020-01	KC91-179U-111020-01	KC91-182L-090109-01	KC91-182L-090415-01	KC91-182U-090415-01	KC91-182L-090924-01	KC91-182U-090924-01	KC91-182L-100331-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-183	KC91-183
		3/31/2010	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011	9/23/2009	9/23/2009
		KC91-182U-100331-01	KC91-182L-101005-01	KC91-182U-101005-01	KC91-182L-110426-01	KC91-182U-110426-01	KC91-182L-111021-01	KC91-182U-111021-01	KC91-183L-090923-01	KC91-183U-090923-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	0.65	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	2.5	< 1.3	4.8	< 1.3	2.8	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	5.1	1060	5.2	1190	4.5	1050	6.4	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-183	KC91-183
		3/31/2010	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011	9/23/2009	9/23/2009
		KC91-182U-100331-01	KC91-182L-101005-01	KC91-182U-101005-01	KC91-182L-110426-01	KC91-182U-110426-01	KC91-182L-111021-01	KC91-182U-111021-01	KC91-183L-090923-01	KC91-183U-090923-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5
Trichloroethene	79-01-6	65.2	< 1.2	52.7	< 1.2	58.5	< 1.2	58.1	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	22.5	< 1.8	3.9	< 1.8	45.9	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-183	KC91-183
		3/31/2010	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011	9/23/2009	9/23/2009
		KC91-182U-100331-01	KC91-182L-101005-01	KC91-182U-101005-01	KC91-182L-110426-01	KC91-182U-110426-01	KC91-182L-111021-01	KC91-182U-111021-01	KC91-183L-090923-01	KC91-183U-090923-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-183	KC91-183
		3/31/2010	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011	9/23/2009	9/23/2009
		KC91-182U-100331-01	KC91-182L-101005-01	KC91-182U-101005-01	KC91-182L-110426-01	KC91-182U-110426-01	KC91-182L-111021-01	KC91-182U-111021-01	KC91-183L-090923-01	KC91-183U-090923-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-183	KC91-183
		3/31/2010	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011	9/23/2009	9/23/2009
		KC91-182U-100331-01	KC91-182L-101005-01	KC91-182U-101005-01	KC91-182L-110426-01	KC91-182U-110426-01	KC91-182L-111021-01	KC91-182U-111021-01	KC91-183L-090923-01	KC91-183U-090923-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-183	KC91-183	KC91-183	KC91-183	KC92-184	KC92-184	KC92-184	KC92-184	KC92-184
		10/5/2010	10/5/2010	10/20/2011	10/20/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011
		KC91-183L-101005-01	KC91-183U-101005-01	KC91-183L-111020-01	KC91-183U-111020-01	KC92-184L-090930-01	KC92-184U-090930-01	KC92-184L-101011-01	KC92-184U-101011-01	KC92-184L-111019-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10					
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5					
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 1	< 1					
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	12.4	< 1.3	14.2	< 1.3	13.5
Dichloroethene, 1,2- (Total)	540-59-0	0.58	< 0.5	< 0.5	< 0.5	1180	8.6	1730	5.8	2790
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-183	KC91-183	KC91-183	KC91-183	KC92-184	KC92-184	KC92-184	KC92-184	KC92-184
		10/5/2010	10/5/2010	10/20/2011	10/20/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011
		KC91-183L-101005-01	KC91-183U-101005-01	KC91-183L-111020-01	KC91-183U-111020-01	KC92-184L-090930-01	KC92-184U-090930-01	KC92-184L-101011-01	KC92-184U-101011-01	KC92-184L-111019-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4					< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 10	< 10					
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 1	< 1					
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	5200	< 1.2	6280	< 1.2	6470
Trichlorofluoromethane	75-69-4					< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-						< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	11.7	< 1.8	18.1	< 1.8	14
Xylene, o-	95-47-6									
Xylenes	1330-20-7					< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-183	KC91-183	KC91-183	KC91-183	KC92-184	KC92-184	KC92-184	KC92-184	KC92-184
		10/5/2010	10/5/2010	10/20/2011	10/20/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011
		KC91-183L-101005-01	KC91-183U-101005-01	KC91-183L-111020-01	KC91-183U-111020-01	KC92-184L-090930-01	KC92-184U-090930-01	KC92-184L-101011-01	KC92-184U-101011-01	KC92-184L-111019-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-183	KC91-183	KC91-183	KC91-183	KC92-184	KC92-184	KC92-184	KC92-184	KC92-184
		10/5/2010	10/5/2010	10/20/2011	10/20/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011
		KC91-183L-101005-01	KC91-183U-101005-01	KC91-183L-111020-01	KC91-183U-111020-01	KC92-184L-090930-01	KC92-184U-090930-01	KC92-184L-101011-01	KC92-184U-101011-01	KC92-184L-111019-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-183	KC91-183	KC91-183	KC91-183	KC92-184	KC92-184	KC92-184	KC92-184	KC92-184
		10/5/2010	10/5/2010	10/20/2011	10/20/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011
		KC91-183L-101005-01	KC91-183U-101005-01	KC91-183L-111020-01	KC91-183U-111020-01	KC92-184L-090930-01	KC92-184U-090930-01	KC92-184L-101011-01	KC92-184U-101011-01	KC92-184L-111019-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-184	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-187	KC92-187
		10/19/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	9/16/2009	9/16/2009
		KC92-184U-111019-01	KC92-185L-090930-01	KC92-185U-090930-01	KC92-185L-101011-01	KC92-185U-101011-01	KC92-185L-111019-01	KC92-185U-111019-01	KC92-187L-090916-01	KC92-187U-090916-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	65.9
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.6
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	5.2	0.55	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-184	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-187	KC92-187
		10/19/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	9/16/2009	9/16/2009
		KC92-184U-111019-01	KC92-185L-090930-01	KC92-185U-090930-01	KC92-185L-101011-01	KC92-185U-101011-01	KC92-185L-111019-01	KC92-185U-111019-01	KC92-187L-090916-01	KC92-187U-090916-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	359
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	20.5
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	28.5	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	82.9
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-184	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-187	KC92-187
		10/19/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	9/16/2009	9/16/2009
		KC92-184U-111019-01	KC92-185L-090930-01	KC92-185U-090930-01	KC92-185L-101011-01	KC92-185U-101011-01	KC92-185L-111019-01	KC92-185U-111019-01	KC92-187L-090916-01	KC92-187U-090916-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-184	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-187	KC92-187
		10/19/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	9/16/2009	9/16/2009
		KC92-184U-111019-01	KC92-185L-090930-01	KC92-185U-090930-01	KC92-185L-101011-01	KC92-185U-101011-01	KC92-185L-111019-01	KC92-185U-111019-01	KC92-187L-090916-01	KC92-187U-090916-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-184	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-187	KC92-187
		10/19/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	9/16/2009	9/16/2009
		KC92-184U-111019-01	KC92-185L-090930-01	KC92-185U-090930-01	KC92-185L-101011-01	KC92-185U-101011-01	KC92-185L-111019-01	KC92-185U-111019-01	KC92-187L-090916-01	KC92-187U-090916-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-187	KC92-187	KC92-187	KC92-187	KC92-194	KC92-194	KC92-194	KC92-194	KC92-194
		10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/16/2009	9/23/2009	4/8/2010	10/14/2010	4/26/2011
		KC92-187L-101004-01	KC92-187U-101004-01	KC92-187L-111018-01	KC92-187U-111018-01	KC92-194L-090416-01	KC92-194L-090923-01	KC92-194L-100408-01	KC92-194L-101014-01	KC92-194L-110426-01
VOCs										
Acetone	67-64-1					29.5	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	55.1	< 2	49.2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0					< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	3.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	0.56	< 0.5	0.81	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-187	KC92-187	KC92-187	KC92-187	KC92-194	KC92-194	KC92-194	KC92-194	KC92-194
		10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/16/2009	9/23/2009	4/8/2010	10/14/2010	4/26/2011
		KC92-187L-101004-01	KC92-187U-101004-01	KC92-187L-111018-01	KC92-187U-111018-01	KC92-194L-090416-01	KC92-194L-090923-01	KC92-194L-100408-01	KC92-194L-101014-01	KC92-194L-110426-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	319	< 2	250					
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3					< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	18.8	< 2	14	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1					
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5					
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	5.4	< 1.8	20.3	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	74	< 7	45.1					
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-187	KC92-187	KC92-187	KC92-187	KC92-194	KC92-194	KC92-194	KC92-194	KC92-194
		10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/16/2009	9/23/2009	4/8/2010	10/14/2010	4/26/2011
		KC92-187L-101004-01	KC92-187U-101004-01	KC92-187L-111018-01	KC92-187U-111018-01	KC92-194L-090416-01	KC92-194L-090923-01	KC92-194L-100408-01	KC92-194L-101014-01	KC92-194L-110426-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-187	KC92-187	KC92-187	KC92-187	KC92-194	KC92-194	KC92-194	KC92-194	KC92-194
		10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/16/2009	9/23/2009	4/8/2010	10/14/2010	4/26/2011
		KC92-187L-101004-01	KC92-187U-101004-01	KC92-187L-111018-01	KC92-187U-111018-01	KC92-194L-090416-01	KC92-194L-090923-01	KC92-194L-100408-01	KC92-194L-101014-01	KC92-194L-110426-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-187	KC92-187	KC92-187	KC92-187	KC92-194	KC92-194	KC92-194	KC92-194	KC92-194
		10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/16/2009	9/23/2009	4/8/2010	10/14/2010	4/26/2011
		KC92-187L-101004-01	KC92-187U-101004-01	KC92-187L-111018-01	KC92-187U-111018-01	KC92-194L-090416-01	KC92-194L-090923-01	KC92-194L-100408-01	KC92-194L-101014-01	KC92-194L-110426-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-194	KC94-191	KC94-191	KC94-191	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192
		10/28/2011	10/5/2009	10/20/2010	11/1/2011	4/15/2009	4/15/2009	8/24/2009	10/5/2009	10/5/2009
		KC92-194L-111028-01	KC94-191U-091005-01	KC94-191U-101020-01	KC94-191U-111101-01	KC94-192L-090415-01	KC94-192U-090415-01	KC94-192L-090824-01	KC94-192L-091005-01	KC94-192U-091005-01
VOCs										
Acetone	67-64-1	< 10						< 500		
Acetonitrile	75-05-8							< 5000		
Acetophenone	98-86-2							< 10		
Acrolein	107-02-8							< 1000		
Acrylonitrile	107-13-1							< 1000		
Allyl Chloride	107-05-1							< 500		
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	2	< 250	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1							< 10		
Bis(2-chloroethyl)ether	111-44-4							< 10		
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4							< 250		
Bromoform	75-25-2							< 250		
Bromomethane	74-83-9							< 250		
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5						< 250		
Carbon Tetrachloride	56-23-5							< 250		
Chloro-1,3-butadiene, 2-	126-99-8							< 250		
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	0.85	< 250	< 0.7	1.1
Chloroethane	75-00-3							< 250		
Chloroform	67-66-3	< 1						< 250		
Chloromethane	74-87-3							< 250		
Chloronaphthalene, Beta-	91-58-7							< 10		
Chlorophenol, 2-	95-57-8							< 10		
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5							< 250		
Cresol, p-chloro-m-	59-50-7							< 10		
Dibromo-3-chloropropane, 1,2-	96-12-8							< 250		
Dibromochloromethane	124-48-1							< 250		
Dibromoethane, 1,2-	106-93-4							< 250		
Dibromomethane (Methylene Bromide)	74-95-3							< 250		
Dichloro-2-butene, trans-1,4-	110-57-6							< 250		
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1							< 10		
Dichlorobenzene, 1,4-	106-46-7							< 10		
Dichlorodifluoromethane	75-71-8							< 250		
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 250	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 250	1.6	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	413	193	< 250	< 1300	232
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	11.6	18.3	18.1	8790	89200		9450	84600
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5							< 250		
Dichloropropane, 1,2-	78-87-5							< 250		

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-194	KC94-191	KC94-191	KC94-191	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192
		10/28/2011	10/5/2009	10/20/2010	11/1/2011	4/15/2009	4/15/2009	8/24/2009	10/5/2009	10/5/2009
		KC92-194L-111028-01	KC94-191U-091005-01	KC94-191U-101020-01	KC94-191U-111101-01	KC94-192L-090415-01	KC94-192U-090415-01	KC94-192L-090824-01	KC94-192L-091005-01	KC94-192U-091005-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6							< 250		
Dioxane, 1,4-	123-91-1							< 12500		
Ethyl Methacrylate	97-63-2							< 500		
Ethylbenzene	100-41-4		< 2	< 2	< 2	< 2	< 2	< 250	3.6	< 2
Hexachlorobutadiene	87-68-3							< 10		
Hexanone, 2-	591-78-6							< 500		
Iodomethane	74-88-4							< 250		
Isobutyl Alcohol	78-83-1							< 12500		
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7							< 5000		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10						< 500		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	9.5	< 5	< 500	27.5	< 5
Methyl Methacrylate	80-62-6							< 500		
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2							400		
Naphthalene	91-20-3							< 10		
Nitrobenzene	98-95-3							< 10		
Nitroso-di-N-butylamine, N-	924-16-3							< 10		
Propionitrile	107-12-0							< 1000		
Propylbenzene, n-	103-65-1									
Styrene	100-42-5							< 250		
Tetrachloroethane, 1,1,1,2-	630-20-6							< 250		
Tetrachloroethane, 1,1,2,2-	79-34-5							< 250		
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	578	1570	708	743	1770
Toluene	108-88-3	< 2	< 2	< 2	< 2	11	< 2	< 250	40	11.5
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1							< 10		
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 250	3.3	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1						< 250		
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	192000	75200	299000	312000	72500
Trichlorofluoromethane	75-69-4		< 1	< 1	< 1	< 1	< 1	< 250	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4							< 250		
Trichlorotrifluoroethane, 1,1,2-			< 5	< 5	< 5	< 5	< 5		< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4							< 500		
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	118	12	301	177	249
Xylene, o-	95-47-6							< 250		
Xylenes	1330-20-7		< 7	< 7	< 7	14	< 7		9	< 7
Xylenes, m & p								< 250		
SVOCs										
Acenaphthene	83-32-9							< 10		

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-194	KC94-191	KC94-191	KC94-191	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192
		10/28/2011	10/5/2009	10/20/2010	11/1/2011	4/15/2009	4/15/2009	8/24/2009	10/5/2009	10/5/2009
		KC92-194L-111028-01	KC94-191U-091005-01	KC94-191U-101020-01	KC94-191U-111101-01	KC94-192L-090415-01	KC94-192U-090415-01	KC94-192L-090824-01	KC94-192L-091005-01	KC94-192U-091005-01
Acenaphthylene	208-96-8							< 10		
Acetylaminofluorene, 2-	53-96-3							< 10		
Aniline	62-53-3							< 10		
Anthracene	120-12-7							< 10		
Aramite	140-57-8							< 10		
Benzo[a]anthracene	56-55-3							< 10		
Benzo[a]pyrene	50-32-8							< 10		
Benzo[b]fluoranthene	205-99-2							< 10		
Benzo[g,h,i]perylene	191-24-2							< 10		
Benzo[k]fluoranthene	207-08-9							< 10		
Benzyl Alcohol	100-51-6							< 10		
Bis(2-chloroethoxy)methane	111-91-1							< 10		
Bis(2-ethylhexyl)phthalate	117-81-7							< 10		
Bromophenyl phenyl ether, 4-	101-55-3							< 10		
Butyl Benzyl Phthlate	85-68-7							< 10		
Chloroaniline, 3&4-								< 10		
Chlorophenyl-phenylether, 4-	7005-72-3							< 10		
Chrysene	218-01-9							< 10		
Cresol, 3&4-								< 10		
Cresol, o-	95-48-7							< 10		
Dibenz[a,h]anthracene	53-70-3							< 10		
Dibenzofuran	132-64-9							< 10		
Dibutyl Phthalate	84-74-2							< 10		
Dichlorobenzidine, 3,3'-	91-94-1							< 20		
Dichlorophenol, 2,4-	120-83-2							< 10		
Dichlorophenol, 2,6-	87-65-0							< 10		
Diethyl Phthalate	84-66-2							< 10		
Dimethyl phthalate	131-11-3							< 10		
Dimethylamino azobenzene [p-]	60-11-7							< 10		
Dimethylbenz(a)anthracene, 7,12-	57-97-6							< 10		
Dimethylbenzidine, 3,3'-	119-93-7							< 10		
Dimethylphenol, 2,4-	105-67-9							< 10		
Dimethylphenylethylamine, a,a-								< 10		
Dinitrobenzene, 1,3-	99-65-0							< 10		
Dinitro-o-cresol, 4,6-	534-52-1							< 10		
Dinitrophenol, 2,4-	51-28-5							< 10		
Dinitrotoluene, 2,4-	121-14-2							< 10		
Dinitrotoluene, 2,6-	606-20-2							< 10		
Di-n-octylphthalate								< 10		
Dinoseb	88-85-7							< 10		
Ethyl Methanesulfonate	62-50-0							< 10		
Fluoranthene	206-44-0							< 10		
Fluorene	86-73-7							< 10		
Hexachlorobenzene	118-74-1							< 10		
Hexachlorocyclopentadiene	77-47-4							< 10		
Hexachloroethane	67-72-1							< 10		

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-194	KC94-191	KC94-191	KC94-191	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192
		10/28/2011	10/5/2009	10/20/2010	11/1/2011	4/15/2009	4/15/2009	8/24/2009	10/5/2009	10/5/2009
		KC92-194L-111028-01	KC94-191U-091005-01	KC94-191U-101020-01	KC94-191U-111101-01	KC94-192L-090415-01	KC94-192U-090415-01	KC94-192L-090824-01	KC94-192L-091005-01	KC94-192U-091005-01
Hexachlorophene	70-30-4							< 250		
Hexachloropropene	1888-71-7							< 10		
Indeno[1,2,3-cd]pyrene	193-39-5							< 10		
Isophorone	78-59-1							< 10		
Isosafrole	120-58-1							< 10		
Methapyrilene	91-80-5							< 10		
Methyl methanesulfonate	66-27-3							< 10		
Methyl-5-Nitroaniline, 2-	99-55-8							< 10		
Methylcholanthrene, 3-	56-49-5							< 10		
Methylnaphthalene, 2-	91-57-6							< 10		
Naphthoquinone, 1,4-	130-15-4							< 50		
Naphthylamine, 1-	134-32-7							< 10		
Naphthylamine, 2-	91-59-8							< 10		
Nitroaniline, 2-	88-74-4							< 10		
Nitroaniline, 3-	99-09-2							< 10		
Nitroaniline, 4-	100-01-6							< 10		
Nitrophenol, 2-	88-75-5							< 10		
Nitrophenol, 4-	100-02-7							< 10		
Nitroquinoline-n-oxide, 4-	56-57-5							< 10		
Nitrosodiethylamine, N-	55-18-5							< 10		
Nitrosodimethylamine, N-	62-75-9							< 10		
Nitroso-di-N-propylamine, N-	621-64-7							< 10		
Nitrosodiphenylamine, N-	86-30-6							< 10		
Nitrosomethylethylamine, N-	10595-95-6							< 10		
Nitrosomorpholine [N-]	59-89-2							< 10		
Nitrosopiperidine [N-]	100-75-4							< 10		
Nitrosopyrrolidine, N-	930-55-2							< 10		
Pentachlorobenzene	608-93-5							< 10		
Pentachloroethane	76-01-7							< 10		
Pentachloronitrobenzene	82-68-8							< 10		
Pentachlorophenol	87-86-5							< 10		
Phenacetin	62-44-2							< 10		
Phenanthrene	85-01-8							< 10		
Phenol	108-95-2							< 10		
Phenylenediamine, p-	106-50-3							< 10		
Picoline, 2-	109-06-8							< 10		
Pyrene	129-00-0							< 10		
Pyridine	110-86-1							< 10		
Safrole	94-59-7							< 10		
Tetrachlorobenzene, 1,2,4,5-	95-94-3							< 10		
Tetrachlorophenol, 2,3,4,6-	58-90-2							< 10		
Toluidine, o-	95-53-4							< 10		
Trichlorophenol, 2,4,5-	95-95-4							< 10		
Trichlorophenol, 2,4,6-	88-06-2							< 10		
Trinitrobenzene, 1,3,5-	99-35-4							< 10		
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-194	KC94-191	KC94-191	KC94-191	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192
		10/28/2011	10/5/2009	10/20/2010	11/1/2011	4/15/2009	4/15/2009	8/24/2009	10/5/2009	10/5/2009
		KC92-194L-111028-01	KC94-191U-091005-01	KC94-191U-101020-01	KC94-191U-111101-01	KC94-192L-090415-01	KC94-192U-090415-01	KC94-192L-090824-01	KC94-192L-091005-01	KC94-192U-091005-01
Antimony	7440-36-0							< 60		
Arsenic	7440-38-2							< 10		
Barium	7440-39-3							< 200		
Beryllium	7440-41-7							< 5		
Cadmium	7440-43-9							< 5		
Chloride	16887-00-6									
Chromium, Total	7440-47-3							< 10		
Cobalt	7440-48-4							< 10		
Copper	7440-50-8							< 10		
Lead	7439-92-1							< 5		
Mercury	7439-97-6							< 0.2		
Nickel	7440-02-0							< 40		
Nitrate	14797-55-8									
Selenium	7782-49-2							< 35		
Silver	7440-22-4							< 10		
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0							< 10		
Tin	7440-31-5							< 50		
Vanadium	NA							< 50		
Zinc	7440-66-6							< 20		
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1							< 10		
Aroclor 1016	12674-11-2		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5	< 0.5	80	2.5		34.1	2.9
Aroclor 1248	12672-29-6		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5							< 10		
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-193
		3/30/2010	6/16/2010	10/20/2010	10/20/2010	5/6/2011	5/6/2011	11/1/2011	11/1/2011	9/29/2009
		KC94-192U-100330-01	KC94-192L-100616-01	KC94-192L-101020-01	KC94-192U-101020-01	KC94-192L-110506-01	KC94-192U-110506-01	KC94-192L-111101-01	KC94-192U-111101-01	KC94-193L-090929-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 200	< 2	2.1	< 2		< 2	2.6	2.2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 70	< 0.7	< 0.7	1.4		1.1	< 0.7	1.1	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 100	< 1	< 1	< 1		< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 70	2.4	< 0.7	< 0.7		2.3	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 50	< 0.5	3.1	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	204	75.1	< 1300	223		< 650	135	189	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	72800	6990	9970	115000		91200	18100	107000	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-193
		3/30/2010	6/16/2010	10/20/2010	10/20/2010	5/6/2011	5/6/2011	11/1/2011	11/1/2011	9/29/2009
		KC94-192U-100330-01	KC94-192L-100616-01	KC94-192L-101020-01	KC94-192U-101020-01	KC94-192L-110506-01	KC94-192U-110506-01	KC94-192L-111101-01	KC94-192U-111101-01	KC94-193L-090929-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 200	< 2	2	< 2		< 2	2.1	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 500	< 5	14.3	< 5		< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	2500	147	541	3040		2460	< 5000	2550	< 0.5
Toluene	108-88-3	< 200	< 2	16.3	11.4		< 2	3.5	3.5	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 50	< 0.5		< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	49900	138000	255000	72900		69600	255000	74600	< 1.2
Trichlorofluoromethane	75-69-4	< 100	< 1	< 1	< 1		< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 500	< 5	< 5	< 5		< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 180	92.8	< 1800	480		115	< 18000	< 9000	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 700	< 7	< 7	< 7		< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-193
		3/30/2010	6/16/2010	10/20/2010	10/20/2010	5/6/2011	5/6/2011	11/1/2011	11/1/2011	9/29/2009
		KC94-192U-100330-01	KC94-192L-100616-01	KC94-192L-101020-01	KC94-192U-101020-01	KC94-192L-110506-01	KC94-192U-110506-01	KC94-192L-111101-01	KC94-192U-111101-01	KC94-193L-090929-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-193
		3/30/2010	6/16/2010	10/20/2010	10/20/2010	5/6/2011	5/6/2011	11/1/2011	11/1/2011	9/29/2009
		KC94-192U-100330-01	KC94-192L-100616-01	KC94-192L-101020-01	KC94-192U-101020-01	KC94-192L-110506-01	KC94-192U-110506-01	KC94-192L-111101-01	KC94-192U-111101-01	KC94-193L-090929-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-193
		3/30/2010	6/16/2010	10/20/2010	10/20/2010	5/6/2011	5/6/2011	11/1/2011	11/1/2011	9/29/2009
		KC94-192U-100330-01	KC94-192L-100616-01	KC94-192L-101020-01	KC94-192U-101020-01	KC94-192L-110506-01	KC94-192U-110506-01	KC94-192L-111101-01	KC94-192U-111101-01	KC94-193L-090929-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Aroclor 1221	11104-28-2	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Aroclor 1232	11141-16-5	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Aroclor 1242	53469-21-9	1.6	30.9	26.5	2.3	122	2.4	18.7	3.1	
Aroclor 1248	12672-29-6	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Aroclor 1254	11097-69-1	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Aroclor 1260	11096-82-5	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-195	KC94-195	KC94-195
		9/29/2009	4/2/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/9/2009	4/9/2009	9/24/2009
		KC94-193U-090929-01	KC94-193L-100402-01	KC94-193L-101004-01	KC94-193U-101004-01	KC94-193L-111018-01	KC94-193U-111018-01	KC94-195L-090409-01	KC94-195U-090409-01	KC94-195L-090924-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	1.1	3.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-195	KC94-195	KC94-195
		9/29/2009	4/2/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/9/2009	4/9/2009	9/24/2009
		KC94-193U-090929-01	KC94-193L-100402-01	KC94-193L-101004-01	KC94-193U-101004-01	KC94-193L-111018-01	KC94-193U-111018-01	KC94-195L-090409-01	KC94-195U-090409-01	KC94-195L-090924-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	52	61	< 1.8	47.9	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-195	KC94-195	KC94-195
		9/29/2009	4/2/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/9/2009	4/9/2009	9/24/2009
		KC94-193U-090929-01	KC94-193L-100402-01	KC94-193L-101004-01	KC94-193U-101004-01	KC94-193L-111018-01	KC94-193U-111018-01	KC94-195L-090409-01	KC94-195U-090409-01	KC94-195L-090924-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-195	KC94-195	KC94-195
		9/29/2009	4/2/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/9/2009	4/9/2009	9/24/2009
		KC94-193U-090929-01	KC94-193L-100402-01	KC94-193L-101004-01	KC94-193U-101004-01	KC94-193L-111018-01	KC94-193U-111018-01	KC94-195L-090409-01	KC94-195U-090409-01	KC94-195L-090924-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-195	KC94-195	KC94-195
		9/29/2009	4/2/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/9/2009	4/9/2009	9/24/2009
		KC94-193U-090929-01	KC94-193L-100402-01	KC94-193L-101004-01	KC94-193U-101004-01	KC94-193L-111018-01	KC94-193U-111018-01	KC94-195L-090409-01	KC94-195U-090409-01	KC94-195L-090924-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2							< 0.5	< 0.5	
Aroclor 1221	11104-28-2							< 0.5	< 0.5	
Aroclor 1232	11141-16-5							< 0.5	< 0.5	
Aroclor 1242	53469-21-9							< 0.5	< 0.5	
Aroclor 1248	12672-29-6							< 0.5	< 0.5	
Aroclor 1254	11097-69-1							< 0.5	< 0.5	
Aroclor 1260	11096-82-5							< 0.5	< 0.5	
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195
		9/24/2009	4/1/2010	4/1/2010	12/2/2010	12/2/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011
		KC94-195U-090924-01	KC94-195L-100401-01	KC94-195U-100401-01	KC94-195L-101202-01	KC94-195U-101202-01	KC94-195L-110506-01	KC94-195U-110506-01	KC94-195L-111025-01	KC94-195U-111025-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	0.75	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195
		9/24/2009	4/1/2010	4/1/2010	12/2/2010	12/2/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011
		KC94-195U-090924-01	KC94-195L-100401-01	KC94-195U-100401-01	KC94-195L-101202-01	KC94-195U-101202-01	KC94-195L-110506-01	KC94-195U-110506-01	KC94-195L-111025-01	KC94-195U-111025-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195
		9/24/2009	4/1/2010	4/1/2010	12/2/2010	12/2/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011
		KC94-195U-090924-01	KC94-195L-100401-01	KC94-195U-100401-01	KC94-195L-101202-01	KC94-195U-101202-01	KC94-195L-110506-01	KC94-195U-110506-01	KC94-195L-111025-01	KC94-195U-111025-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195
		9/24/2009	4/1/2010	4/1/2010	12/2/2010	12/2/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011
		KC94-195U-090924-01	KC94-195L-100401-01	KC94-195U-100401-01	KC94-195L-101202-01	KC94-195U-101202-01	KC94-195L-110506-01	KC94-195U-110506-01	KC94-195L-111025-01	KC94-195U-111025-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195
		9/24/2009	4/1/2010	4/1/2010	12/2/2010	12/2/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011
		KC94-195U-090924-01	KC94-195L-100401-01	KC94-195U-100401-01	KC94-195L-101202-01	KC94-195U-101202-01	KC94-195L-110506-01	KC94-195U-110506-01	KC94-195L-111025-01	KC94-195U-111025-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-197
		4/7/2009	4/8/2009	9/24/2009	9/24/2009	4/6/2010	10/12/2010	5/6/2011	10/25/2011	4/7/2009
		KC94-196L-090407-01	KC94-196U-090408-01	KC94-196L-090924-01	KC94-196U-090924-01	KC94-196L-100406-01	KC94-196L-101012-01	KC94-196L-110506-01	KC94-196L-111025-01	KC94-197L-090407-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-197
		4/7/2009	4/8/2009	9/24/2009	9/24/2009	4/6/2010	10/12/2010	5/6/2011	10/25/2011	4/7/2009
		KC94-196L-090407-01	KC94-196U-090408-01	KC94-196L-090924-01	KC94-196U-090924-01	KC94-196L-100406-01	KC94-196L-101012-01	KC94-196L-110506-01	KC94-196L-111025-01	KC94-197L-090407-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-197
		4/7/2009	4/8/2009	9/24/2009	9/24/2009	4/6/2010	10/12/2010	5/6/2011	10/25/2011	4/7/2009
		KC94-196L-090407-01	KC94-196U-090408-01	KC94-196L-090924-01	KC94-196U-090924-01	KC94-196L-100406-01	KC94-196L-101012-01	KC94-196L-110506-01	KC94-196L-111025-01	KC94-197L-090407-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-197
		4/7/2009	4/8/2009	9/24/2009	9/24/2009	4/6/2010	10/12/2010	5/6/2011	10/25/2011	4/7/2009
		KC94-196L-090407-01	KC94-196U-090408-01	KC94-196L-090924-01	KC94-196U-090924-01	KC94-196L-100406-01	KC94-196L-101012-01	KC94-196L-110506-01	KC94-196L-111025-01	KC94-197L-090407-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-197
		4/7/2009	4/8/2009	9/24/2009	9/24/2009	4/6/2010	10/12/2010	5/6/2011	10/25/2011	4/7/2009
		KC94-196L-090407-01	KC94-196U-090408-01	KC94-196L-090924-01	KC94-196U-090924-01	KC94-196L-100406-01	KC94-196L-101012-01	KC94-196L-110506-01	KC94-196L-111025-01	KC94-197L-090407-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2	< 0.5	< 2							< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 2							< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 2							< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 2							< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 2							< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 2							< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 2							< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-197	KC94-197	KC94-197	KC94-197	KC94-197	KC94-198	KC94-198	KC94-198	KC94-198
		9/24/2009	4/8/2010	10/13/2010	5/9/2011	10/26/2011	4/7/2009	9/24/2009	4/6/2010	10/13/2010
		KC94-197L-090924-01	KC94-197L-100408-01	KC94-197L-101013-01	KC94-197L-110509-01	KC94-197L-111026-01	KC94-198L-090407-01	KC94-198L-090924-01	KC94-198L-100406-01	KC94-198L-101013-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-197	KC94-197	KC94-197	KC94-197	KC94-197	KC94-198	KC94-198	KC94-198	KC94-198
		9/24/2009	4/8/2010	10/13/2010	5/9/2011	10/26/2011	4/7/2009	9/24/2009	4/6/2010	10/13/2010
		KC94-197L-090924-01	KC94-197L-100408-01	KC94-197L-101013-01	KC94-197L-110509-01	KC94-197L-111026-01	KC94-198L-090407-01	KC94-198L-090924-01	KC94-198L-100406-01	KC94-198L-101013-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-197	KC94-197	KC94-197	KC94-197	KC94-197	KC94-198	KC94-198	KC94-198	KC94-198
		9/24/2009	4/8/2010	10/13/2010	5/9/2011	10/26/2011	4/7/2009	9/24/2009	4/6/2010	10/13/2010
		KC94-197L-090924-01	KC94-197L-100408-01	KC94-197L-101013-01	KC94-197L-110509-01	KC94-197L-111026-01	KC94-198L-090407-01	KC94-198L-090924-01	KC94-198L-100406-01	KC94-198L-101013-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-197	KC94-197	KC94-197	KC94-197	KC94-197	KC94-198	KC94-198	KC94-198	KC94-198
		9/24/2009	4/8/2010	10/13/2010	5/9/2011	10/26/2011	4/7/2009	9/24/2009	4/6/2010	10/13/2010
		KC94-197L-090924-01	KC94-197L-100408-01	KC94-197L-101013-01	KC94-197L-110509-01	KC94-197L-111026-01	KC94-198L-090407-01	KC94-198L-090924-01	KC94-198L-100406-01	KC94-198L-101013-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-197	KC94-197	KC94-197	KC94-197	KC94-197	KC94-198	KC94-198	KC94-198	KC94-198
		9/24/2009	4/8/2010	10/13/2010	5/9/2011	10/26/2011	4/7/2009	9/24/2009	4/6/2010	10/13/2010
		KC94-197L-090924-01	KC94-197L-100408-01	KC94-197L-101013-01	KC94-197L-110509-01	KC94-197L-111026-01	KC94-198L-090407-01	KC94-198L-090924-01	KC94-198L-100406-01	KC94-198L-101013-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2						< 0.5			
Aroclor 1221	11104-28-2						< 0.5			
Aroclor 1232	11141-16-5						< 0.5			
Aroclor 1242	53469-21-9						< 0.5			
Aroclor 1248	12672-29-6						< 0.5			
Aroclor 1254	11097-69-1						< 0.5			
Aroclor 1260	11096-82-5						< 0.5			
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-198	KC94-198	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199
		5/9/2011	10/26/2011	9/29/2009	9/29/2009	4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011
		KC94-198L-110509-01	KC94-198L-111026-01	KC94-199L-090929-01	KC94-199U-090929-01	KC94-199L-100402-01	KC94-199L-101004-01	KC94-199U-101004-01	KC94-199L-110427-01	KC94-199U-110427-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	3.3	< 0.5	92.5	39.3	7	48.6	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-198	KC94-198	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199
		5/9/2011	10/26/2011	9/29/2009	9/29/2009	4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011
		KC94-198L-110509-01	KC94-198L-111026-01	KC94-199L-090929-01	KC94-199U-090929-01	KC94-199L-100402-01	KC94-199L-101004-01	KC94-199U-101004-01	KC94-199L-110427-01	KC94-199U-110427-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	4.2	< 1.2	57.9	10.1	< 1.2	10.9	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	10.4	12.2	20	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-198	KC94-198	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199
		5/9/2011	10/26/2011	9/29/2009	9/29/2009	4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011
		KC94-198L-110509-01	KC94-198L-111026-01	KC94-199L-090929-01	KC94-199U-090929-01	KC94-199L-100402-01	KC94-199L-101004-01	KC94-199U-101004-01	KC94-199L-110427-01	KC94-199U-110427-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-198	KC94-198	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199
		5/9/2011	10/26/2011	9/29/2009	9/29/2009	4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011
		KC94-198L-110509-01	KC94-198L-111026-01	KC94-199L-090929-01	KC94-199U-090929-01	KC94-199L-100402-01	KC94-199L-101004-01	KC94-199U-101004-01	KC94-199L-110427-01	KC94-199U-110427-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-198	KC94-198	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199
		5/9/2011	10/26/2011	9/29/2009	9/29/2009	4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011
		KC94-198L-110509-01	KC94-198L-111026-01	KC94-199L-090929-01	KC94-199U-090929-01	KC94-199L-100402-01	KC94-199L-101004-01	KC94-199U-101004-01	KC94-199L-110427-01	KC94-199U-110427-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-199	KC94-199	KC95-01	KC95-01	KC95-01	KC95-01	KC95-01	KC95-02	KC95-02
		10/18/2011	10/18/2011	3/17/2008	9/16/2008	9/15/2009	3/29/2010	9/14/2010	3/24/2004	9/23/2004
		KC94-199L-111018-01	KC94-199U-111018-01	KC95-01L-0308	KC95-01L-0908	KC95-01L-0909	KC95-01L-0310	KC95-01L-0910	KC95-02L-0304	KC95-02L-0904
VOCs										
Acetone	67-64-1			< 25	< 25	< 25	< 25	< 25	< 25	< 25
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	74-83-9			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0			< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8			< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0	75	< 0.5							
Dichloroethylene, 1,2-cis-	156-59-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-199	KC94-199	KC95-01	KC95-01	KC95-01	KC95-01	KC95-01	KC95-02	KC95-02
		10/18/2011	10/18/2011	3/17/2008	9/16/2008	9/15/2009	3/29/2010	9/14/2010	3/24/2004	9/23/2004
		KC94-199L-111018-01	KC94-199U-111018-01	KC95-01L-0308	KC95-01L-0908	KC95-01L-0909	KC95-01L-0310	KC95-01L-0910	KC95-02L-0304	KC95-02L-0904
Dichloropropane, 1,3-	142-28-9			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6			< 25	< 25	< 25	< 25	< 25	< 25	< 25
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 25	< 25	< 25	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Methylene Chloride	75-09-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	44.2	< 1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5							
Trimethylbenzene, 1,2,4-	95-63-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.7	0.8
Xylene, o-	95-47-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7	< 7	< 7							
Xylenes, m & p				< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-199	KC94-199	KC95-01	KC95-01	KC95-01	KC95-01	KC95-01	KC95-02	KC95-02
		10/18/2011	10/18/2011	3/17/2008	9/16/2008	9/15/2009	3/29/2010	9/14/2010	3/24/2004	9/23/2004
		KC94-199L-111018-01	KC94-199U-111018-01	KC95-01L-0308	KC95-01L-0908	KC95-01L-0909	KC95-01L-0310	KC95-01L-0910	KC95-02L-0304	KC95-02L-0904
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-199	KC94-199	KC95-01	KC95-01	KC95-01	KC95-01	KC95-01	KC95-02	KC95-02
		10/18/2011	10/18/2011	3/17/2008	9/16/2008	9/15/2009	3/29/2010	9/14/2010	3/24/2004	9/23/2004
		KC94-199L-111018-01	KC94-199U-111018-01	KC95-01L-0308	KC95-01L-0908	KC95-01L-0909	KC95-01L-0310	KC95-01L-0910	KC95-02L-0304	KC95-02L-0904
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-199	KC94-199	KC95-01	KC95-01	KC95-01	KC95-01	KC95-01	KC95-02	KC95-02
		10/18/2011	10/18/2011	3/17/2008	9/16/2008	9/15/2009	3/29/2010	9/14/2010	3/24/2004	9/23/2004
		KC94-199L-111018-01	KC94-199U-111018-01	KC95-01L-0308	KC95-01L-0908	KC95-01L-0909	KC95-01L-0310	KC95-01L-0910	KC95-02L-0304	KC95-02L-0904
Antimony	7440-36-0								< 5	< 5
Arsenic	7440-38-2								48	59
Barium	7440-39-3								1130	980
Beryllium	7440-41-7								< 4	< 4
Cadmium	7440-43-9								1	1
Chloride	16887-00-6									111000
Chromium, Total	7440-47-3								33	< 5
Cobalt	7440-48-4									
Copper	7440-50-8								32	< 10
Lead	7439-92-1								27	31
Mercury	7439-97-6								< 0.2	< 0.2
Nickel	7440-02-0									
Nitrate	14797-55-8									< 100
Selenium	7782-49-2								< 5	< 5
Silver	7440-22-4								< 2	< 2
Sulfate	14808-79-8									< 1000
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									< 100
Ethene	74-85-1									< 4
Methane	74-82-2									5610 QM

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03
		3/31/2005	3/16/2006	3/17/2008	3/17/2008	9/16/2008	9/16/2008	3/17/2009	3/17/2009	9/15/2009
		KC95-02L-0305	KC95-02L-0306	KC95-03L-0308-01	KC95-03U-0308	KC95-03L-0908-01	KC95-03U-0908	KC95-03L-0309-01	KC95-03U-0309	KC95-03L-0909-01
VOCs										
Acetone	67-64-1	< 25	< 25	< 25	< 100	< 25	< 63	< 25	< 100	< 25
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2	< 0.5	< 2	< 0.5
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Bromodichloromethane	75-27-4	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Bromoform	75-25-2	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Bromomethane	74-83-9	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Butylbenzene, n-	104-51-8	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Butylbenzene, sec-	135-98-8	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Butylbenzene, tert-	98-06-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 20	< 5	< 13	< 5	< 20	< 5
Carbon Tetrachloride	56-23-5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chloroethane	75-00-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chloromethane	74-87-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chlorotoluene, p-	106-43-4	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
cis-1,3-Dichloropropene	10061-01-5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8	< 10	< 10	< 10	< 40	< 10	< 30	< 10	< 40	< 10
Dibromochloromethane	124-48-1	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Dibromoethane, 1,2-	106-93-4	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Dibromomethane (Methylene Bromide)	74-95-3	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichlorobenzene, 1,3-	541-73-1	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichlorobenzene, 1,4-	106-46-7	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichlorodifluoromethane	75-71-8	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	< 0.5	< 0.5	49	190	47.6	181	60.2	251	47.2
Dichloroethylene, 1,2-trans-	156-60-5	< 0.5	< 0.5	0.8	7.2	0.9	7.6	0.9	9.7	0.7
Dichloropropane, 1,2-	78-87-5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03
		3/31/2005	3/16/2006	3/17/2008	3/17/2008	9/16/2008	9/16/2008	3/17/2009	3/17/2009	9/15/2009
		KC95-02L-0305	KC95-02L-0306	KC95-03L-0308-01	KC95-03U-0308	KC95-03L-0908-01	KC95-03U-0908	KC95-03L-0309-01	KC95-03U-0309	KC95-03L-0909-01
Dichloropropane, 1,3-	142-28-9	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloropropane, 2,2-	594-20-7	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloropropene, 1,1-	563-58-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Hexachlorobutadiene	87-68-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Hexanone, 2-	591-78-6	< 25	< 25	< 25	< 100	< 25	< 63	< 25	< 100	< 25
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Isopropyltoluene, p-	99-87-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 25	< 25	< 25	< 100	< 25	< 63	< 25	< 100	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 25	< 25	< 25	< 100	< 25	< 63	< 25	< 100	< 25
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Methylene Chloride	75-09-2	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Naphthalene	91-20-3	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Styrene	100-42-5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Toluene	108-88-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Trichlorobenzene, 1,2,4-	120-82-1	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Trichloroethene	79-01-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Trichloropropane, 1,2,3-	96-18-4	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	0.7	< 0.5	4.9	36	5.6	47.7	7.3	62.1	5.8
Xylene, o-	95-47-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p		< 0.5	< 0.5	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03
		3/31/2005	3/16/2006	3/17/2008	3/17/2008	9/16/2008	9/16/2008	3/17/2009	3/17/2009	9/15/2009
		KC95-02L-0305	KC95-02L-0306	KC95-03L-0308-01	KC95-03U-0308	KC95-03L-0908-01	KC95-03U-0908	KC95-03L-0309-01	KC95-03U-0309	KC95-03L-0909-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03
		3/31/2005	3/16/2006	3/17/2008	3/17/2008	9/16/2008	9/16/2008	3/17/2009	3/17/2009	9/15/2009
		KC95-02L-0305	KC95-02L-0306	KC95-03L-0308-01	KC95-03U-0308	KC95-03L-0908-01	KC95-03U-0908	KC95-03L-0309-01	KC95-03U-0309	KC95-03L-0909-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03
		3/31/2005	3/16/2006	3/17/2008	3/17/2008	9/16/2008	9/16/2008	3/17/2009	3/17/2009	9/15/2009
		KC95-02L-0305	KC95-02L-0306	KC95-03L-0308-01	KC95-03U-0308	KC95-03L-0908-01	KC95-03U-0908	KC95-03L-0309-01	KC95-03U-0309	KC95-03L-0909-01
Antimony	7440-36-0	< 5	< 5							
Arsenic	7440-38-2	51	47							
Barium	7440-39-3	800	840							
Beryllium	7440-41-7	< 4	< 4							
Cadmium	7440-43-9	< 1	< 1							
Chloride	16887-00-6	122000	116000							
Chromium, Total	7440-47-3	< 5	< 5							
Cobalt	7440-48-4									
Copper	7440-50-8	< 10	< 10							
Lead	7439-92-1	< 3	< 3							
Mercury	7439-97-6	< 0.2	< 0.2							
Nickel	7440-02-0									
Nitrate	14797-55-8	< 100	< 100							
Selenium	7782-49-2	< 5	< 5							
Silver	7440-22-4	< 2	< 2							
Sulfate	14808-79-8	< 1000	< 1000							
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0	< 132	< 130							
Ethene	74-85-1	< 4	< 4							
Methane	74-82-2	7360	7310							

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-04	KC95-04	KC95-04	KC95-04
		9/15/2009	3/29/2010	3/29/2010	9/14/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC95-03U-0909	KC95-03L-0310-01	KC95-03U-0310	KC95-03L-0910-01	KC95-03U-0910	KC95-04L-0308	KC95-04L-0908	KC95-04L-0309	KC95-04L-0909
VOCs										
Acetone	67-64-1	< 100	< 25	< 100	< 25	< 100	< 25	< 25	< 25	< 25
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Bromomethane	74-83-9	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 20	< 5	< 20	< 5	< 20	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8	< 40	< 10	< 40	< 10	< 40	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	183	55.4	237	52.5	204	1.6	1.1	1.5	0.7
Dichloroethylene, 1,2-trans-	156-60-5	7.4	0.7	8.5	0.8	8.4	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-04	KC95-04	KC95-04	KC95-04
		9/15/2009	3/29/2010	3/29/2010	9/14/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC95-03U-0909	KC95-03L-0310-01	KC95-03U-0310	KC95-03L-0910-01	KC95-03U-0910	KC95-04L-0308	KC95-04L-0908	KC95-04L-0309	KC95-04L-0909
Dichloropropane, 1,3-	142-28-9	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6	< 100	< 25	< 100	< 25	< 100	< 25	< 25	< 25	< 25
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 100	< 25	< 100	< 25	< 100	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 100	< 25	< 100	< 25	< 100	< 25	< 25	< 25	< 25
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	75-09-2	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	< 2	< 0.5	< 2	< 0.5	< 2	3.9	2.8	3.1	1.9
Trichlorofluoromethane	75-69-4	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	51.8	6.4	52.3	6.1	49.6	< 0.5	< 0.5	< 0.5	< 0.5
Xylene, o-	95-47-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p		< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-04	KC95-04	KC95-04	KC95-04
		9/15/2009	3/29/2010	3/29/2010	9/14/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC95-03U-0909	KC95-03L-0310-01	KC95-03U-0310	KC95-03L-0910-01	KC95-03U-0910	KC95-04L-0308	KC95-04L-0908	KC95-04L-0309	KC95-04L-0909
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-04	KC95-04	KC95-04	KC95-04
		9/15/2009	3/29/2010	3/29/2010	9/14/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC95-03U-0909	KC95-03L-0310-01	KC95-03U-0310	KC95-03L-0910-01	KC95-03U-0910	KC95-04L-0308	KC95-04L-0908	KC95-04L-0309	KC95-04L-0909
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-04	KC95-04	KC95-04	KC95-04
		9/15/2009	3/29/2010	3/29/2010	9/14/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC95-03U-0909	KC95-03L-0310-01	KC95-03U-0310	KC95-03L-0910-01	KC95-03U-0910	KC95-04L-0308	KC95-04L-0908	KC95-04L-0309	KC95-04L-0909
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-04	KC95-04	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-201
		3/29/2010	9/14/2010	4/16/2009	9/25/2009	3/31/2010	10/7/2010	4/29/2011	10/24/2011	10/2/2009
		KC95-04L-0310	KC95-04L-0910-01	KC95-200L-090416-01	KC95-200L-090925-01	KC95-200L-100331-01	KC95-200L-101007-01	KC95-200L-110429-01	KC95-200L-111024-01	KC95-201L-091002-01
VOCs										
Acetone	67-64-1	< 25	< 25	< 10	< 10	< 10	< 10	< 10	< 10	
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1	< 0.5	< 0.5							
Bromodichloromethane	75-27-4	< 0.5	< 0.5							
Bromoform	75-25-2	< 1	< 1							
Bromomethane	74-83-9	< 1	< 1							
Butylbenzene, n-	104-51-8	< 0.5	< 0.5							
Butylbenzene, sec-	135-98-8	< 0.5	< 0.5							
Butylbenzene, tert-	98-06-6	< 0.5	< 0.5							
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Carbon Tetrachloride	56-23-5	< 0.5	< 0.5							
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.5	< 0.5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3	< 0.5	< 0.5							
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	
Chloromethane	74-87-3	< 0.5	< 0.5							
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8	< 0.5	< 0.5							
Chlorotoluene, p-	106-43-4	< 0.5	< 0.5							
cis-1,3-Dichloropropene	10061-01-5	< 0.5	< 0.5							
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8	< 10	< 10							
Dibromochloromethane	124-48-1	< 1	< 1							
Dibromoethane, 1,2-	106-93-4	< 1	< 1							
Dibromomethane (Methylene Bromide)	74-95-3	< 1	< 1							
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 0.5	< 0.5	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1	< 0.5	< 0.5							
Dichlorobenzene, 1,4-	106-46-7	< 0.5	< 0.5							
Dichlorodifluoromethane	75-71-8	< 1	< 1							
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0			0.51	< 0.5	< 0.5	1.9	2.6	1.1	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2	1.1	1.2							
Dichloroethylene, 1,2-trans-	156-60-5	< 0.5	< 0.5							
Dichloropropane, 1,2-	78-87-5	< 0.5	< 0.5							

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-04	KC95-04	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-201
		3/29/2010	9/14/2010	4/16/2009	9/25/2009	3/31/2010	10/7/2010	4/29/2011	10/24/2011	10/2/2009
		KC95-04L-0310	KC95-04L-0910-01	KC95-200L-090416-01	KC95-200L-090925-01	KC95-200L-100331-01	KC95-200L-101007-01	KC95-200L-110429-01	KC95-200L-111024-01	KC95-201L-091002-01
Dichloropropane, 1,3-	142-28-9	< 0.5	< 0.5							
Dichloropropane, 2,2-	594-20-7	< 0.5	< 0.5							
Dichloropropene, 1,1-	563-58-6	< 0.5	< 0.5							
Dichloropropene, trans-1,3-	10061-02-6	< 1	< 1							
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 0.5	< 0.5							< 2
Hexachlorobutadiene	87-68-3	< 0.5	< 0.5							
Hexanone, 2-	591-78-6	< 25	< 25							
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8	< 0.5	< 0.5							
Isopropyltoluene, p-	99-87-6	< 0.5	< 0.5							
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 25	< 25	< 5	< 5	< 5	< 5	< 5	< 10	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 25	< 25	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 0.5	< 0.5							
Methylene Chloride	75-09-2	< 0.5	< 0.5							
Naphthalene	91-20-3	< 1	< 1							
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1	< 0.5	< 0.5							
Styrene	100-42-5	< 0.5	< 0.5							
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.5	< 0.5							
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1	< 1							
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6	< 1	< 1							
Trichlorobenzene, 1,2,4-	120-82-1	< 1	< 1							
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	
Trichloroethene	79-01-6	2.8	2.4	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1							< 1
Trichloropropane, 1,2,3-	96-18-4	< 1	< 1							
Trichlorotrifluoroethane, 1,1,2-										< 5
Trimethylbenzene, 1,2,4-	95-63-6	< 0.5	< 0.5							
Trimethylbenzene, 1,3,5-	108-67-8	< 0.5	< 0.5							
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.5	< 0.5	< 1.8	< 1.8	< 1.8	< 1.8	2.6	< 1.8	< 1.8
Xylene, o-	95-47-6	< 0.5	< 0.5							
Xylenes	1330-20-7									< 7
Xylenes, m & p		< 1	< 1							
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-04	KC95-04	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-201
		3/29/2010	9/14/2010	4/16/2009	9/25/2009	3/31/2010	10/7/2010	4/29/2011	10/24/2011	10/2/2009
		KC95-04L-0310	KC95-04L-0910-01	KC95-200L-090416-01	KC95-200L-090925-01	KC95-200L-100331-01	KC95-200L-101007-01	KC95-200L-110429-01	KC95-200L-111024-01	KC95-201L-091002-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-04	KC95-04	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-201
		3/29/2010	9/14/2010	4/16/2009	9/25/2009	3/31/2010	10/7/2010	4/29/2011	10/24/2011	10/2/2009
		KC95-04L-0310	KC95-04L-0910-01	KC95-200L-090416-01	KC95-200L-090925-01	KC95-200L-100331-01	KC95-200L-101007-01	KC95-200L-110429-01	KC95-200L-111024-01	KC95-201L-091002-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-04	KC95-04	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-201
		3/29/2010	9/14/2010	4/16/2009	9/25/2009	3/31/2010	10/7/2010	4/29/2011	10/24/2011	10/2/2009
		KC95-04L-0310	KC95-04L-0910-01	KC95-200L-090416-01	KC95-200L-090925-01	KC95-200L-100331-01	KC95-200L-101007-01	KC95-200L-110429-01	KC95-200L-111024-01	KC95-201L-091002-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									< 0.5
Aroclor 1221	11104-28-2									< 0.5
Aroclor 1232	11141-16-5									< 0.5
Aroclor 1242	53469-21-9									< 0.5
Aroclor 1248	12672-29-6									< 0.5
Aroclor 1254	11097-69-1									< 0.5
Aroclor 1260	11096-82-5									< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-201	KC95-201	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202
		10/18/2010	10/28/2011	4/9/2009	4/9/2009	9/18/2009	9/18/2009	4/6/2010	4/6/2010	10/12/2010
		KC95-201L-101018-01	KC95-201L-111028-01	KC95-202L-090409-01	KC95-202U-090409-01	KC95-202L-090918-01	KC95-202U-090918-01	KC95-202L-100406-01	KC95-202U-100406-01	KC95-202L-101012-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-201	KC95-201	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202
		10/18/2010	10/28/2011	4/9/2009	4/9/2009	9/18/2009	9/18/2009	4/6/2010	4/6/2010	10/12/2010
		KC95-201L-101018-01	KC95-201L-111028-01	KC95-202L-090409-01	KC95-202U-090409-01	KC95-202L-090918-01	KC95-202U-090918-01	KC95-202L-100406-01	KC95-202U-100406-01	KC95-202L-101012-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-201	KC95-201	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202
		10/18/2010	10/28/2011	4/9/2009	4/9/2009	9/18/2009	9/18/2009	4/6/2010	4/6/2010	10/12/2010
		KC95-201L-101018-01	KC95-201L-111028-01	KC95-202L-090409-01	KC95-202U-090409-01	KC95-202L-090918-01	KC95-202U-090918-01	KC95-202L-100406-01	KC95-202U-100406-01	KC95-202L-101012-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-201	KC95-201	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202
		10/18/2010	10/28/2011	4/9/2009	4/9/2009	9/18/2009	9/18/2009	4/6/2010	4/6/2010	10/12/2010
		KC95-201L-101018-01	KC95-201L-111028-01	KC95-202L-090409-01	KC95-202U-090409-01	KC95-202L-090918-01	KC95-202U-090918-01	KC95-202L-100406-01	KC95-202U-100406-01	KC95-202L-101012-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-201	KC95-201	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202
		10/18/2010	10/28/2011	4/9/2009	4/9/2009	9/18/2009	9/18/2009	4/6/2010	4/6/2010	10/12/2010
		KC95-201L-101018-01	KC95-201L-111028-01	KC95-202L-090409-01	KC95-202U-090409-01	KC95-202L-090918-01	KC95-202U-090918-01	KC95-202L-100406-01	KC95-202U-100406-01	KC95-202L-101012-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5					
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC97-209	KC97-209	KC97-209	KC97-209
		10/12/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010
		KC95-202U-101012-01	KC95-202L-110506-01	KC95-202U-110506-01	KC95-202L-111025-01	KC95-202U-111025-01	KC97-209L-090928-01	KC97-209U-090928-01	KC97-209L-101004-01	KC97-209U-101004-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	1.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	46	5.4	19.8	3.8
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	24.6	2	5.3	1.5
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	737	265	393	320
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC97-209	KC97-209	KC97-209	KC97-209
		10/12/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010
		KC95-202U-101012-01	KC95-202L-110506-01	KC95-202U-110506-01	KC95-202L-111025-01	KC95-202U-111025-01	KC97-209L-090928-01	KC97-209U-090928-01	KC97-209L-101004-01	KC97-209U-101004-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3.1	< 0.5	
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	7	70.2	4.3	31.3
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	499	172	322	122
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC97-209	KC97-209	KC97-209	KC97-209
		10/12/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010
		KC95-202U-101012-01	KC95-202L-110506-01	KC95-202U-110506-01	KC95-202L-111025-01	KC95-202U-111025-01	KC97-209L-090928-01	KC97-209U-090928-01	KC97-209L-101004-01	KC97-209U-101004-01
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC97-209	KC97-209	KC97-209	KC97-209
		10/12/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010
		KC95-202U-101012-01	KC95-202L-110506-01	KC95-202U-110506-01	KC95-202L-111025-01	KC95-202U-111025-01	KC97-209L-090928-01	KC97-209U-090928-01	KC97-209L-101004-01	KC97-209U-101004-01
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC97-209	KC97-209	KC97-209	KC97-209
		10/12/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010
		KC95-202U-101012-01	KC95-202L-110506-01	KC95-202U-110506-01	KC95-202L-111025-01	KC95-202U-111025-01	KC97-209L-090928-01	KC97-209U-090928-01	KC97-209L-101004-01	KC97-209U-101004-01
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC97-209	KC97-209
		10/25/2011	10/25/2011
		KC97-209L-111025-01	KC97-209U-111025-01
VOCs			
Acetone	67-64-1		
Acetonitrile	75-05-8		
Acetophenone	98-86-2		
Acrolein	107-02-8		
Acrylonitrile	107-13-1		
Allyl Chloride	107-05-1		
Benzene	71-43-2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1		
Bis(2-chloroethyl)ether	111-44-4		
Bromobenzene	108-86-1		
Bromodichloromethane	75-27-4		
Bromoform	75-25-2		
Bromomethane	74-83-9		
Butylbenzene, n-	104-51-8		
Butylbenzene, sec-	135-98-8		
Butylbenzene, tert-	98-06-6		
Carbon Disulfide	75-15-0		
Carbon Tetrachloride	56-23-5		
Chloro-1,3-butadiene, 2-	126-99-8		
Chlorobenzene	108-90-7	1.9	< 0.7
Chloroethane	75-00-3		
Chloroform	67-66-3		
Chloromethane	74-87-3		
Chloronaphthalene, Beta-	91-58-7		
Chlorophenol, 2-	95-57-8		
Chlorotoluene, o-	95-49-8		
Chlorotoluene, p-	106-43-4		
cis-1,3-Dichloropropene	10061-01-5		
Cresol, p-chloro-m-	59-50-7		
Dibromo-3-chloropropane, 1,2-	96-12-8		
Dibromochloromethane	124-48-1		
Dibromoethane, 1,2-	106-93-4		
Dibromomethane (Methylene Bromide)	74-95-3		
Dichloro-2-butene, trans-1,4-	110-57-6		
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1		
Dichlorobenzene, 1,4-	106-46-7		
Dichlorodifluoromethane	75-71-8		
Dichloroethane, 1,1-	75-34-3	66.2	3.8
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	34.7	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	1770	192
Dichloroethylene, 1,2-cis-	156-59-2		
Dichloroethylene, 1,2-trans-	156-60-5		
Dichloropropane, 1,2-	78-87-5		

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC97-209	KC97-209
		10/25/2011	10/25/2011
		KC97-209L-111025-01	KC97-209U-111025-01
Dichloropropane, 1,3-	142-28-9		
Dichloropropane, 2,2-	594-20-7		
Dichloropropene, 1,1-	563-58-6		
Dichloropropene, trans-1,3-	10061-02-6		
Dioxane, 1,4-	123-91-1		
Ethyl Methacrylate	97-63-2		
Ethylbenzene	100-41-4	< 2	< 2
Hexachlorobutadiene	87-68-3		
Hexanone, 2-	591-78-6		
Iodomethane	74-88-4		
Isobutyl Alcohol	78-83-1		
Isopropylbenzene (Cumene)	98-82-8		
Isopropyltoluene, p-	99-87-6		
Methacrylonitrile	126-98-7		
Methyl Ethyl Ketone (2-Butanone)	78-93-3		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5
Methyl Methacrylate	80-62-6		
Methyl tert-Butyl Ether (MTBE)	1634-04-4		
Methylene Chloride	75-09-2		
Naphthalene	91-20-3		
Nitrobenzene	98-95-3		
Nitroso-di-N-butylamine, N-	924-16-3		
Propionitrile	107-12-0		
Propylbenzene, n-	103-65-1		
Styrene	100-42-5		
Tetrachloroethane, 1,1,1,2-	630-20-6		
Tetrachloroethane, 1,1,2,2-	79-34-5		
Tetrachloroethene	127-18-4	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6		
Trichlorobenzene, 1,2,4-	120-82-1		
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5		
Trichloroethene	79-01-6	4.9	1.4
Trichlorofluoromethane	75-69-4	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4		
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6		
Trimethylbenzene, 1,3,5-	108-67-8		
Vinyl Acetate	108-05-4		
Vinyl Chloride	75-01-4	912	171
Xylene, o-	95-47-6		
Xylenes	1330-20-7	< 7	< 7
Xylenes, m & p			
SVOCs			
Acenaphthene	83-32-9		

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC97-209	KC97-209
		10/25/2011	10/25/2011
		KC97-209L-111025-01	KC97-209U-111025-01
Acenaphthylene	208-96-8		
Acetylaminofluorene, 2-	53-96-3		
Aniline	62-53-3		
Anthracene	120-12-7		
Aramite	140-57-8		
Benzo[a]anthracene	56-55-3		
Benzo[a]pyrene	50-32-8		
Benzo[b]fluoranthene	205-99-2		
Benzo[g,h,i]perylene	191-24-2		
Benzo[k]fluoranthene	207-08-9		
Benzyl Alcohol	100-51-6		
Bis(2-chloroethoxy)methane	111-91-1		
Bis(2-ethylhexyl)phthalate	117-81-7		
Bromophenyl phenyl ether, 4-	101-55-3		
Butyl Benzyl Phthlate	85-68-7		
Chloroaniline, 3&4-			
Chlorophenyl-phenylether, 4-	7005-72-3		
Chrysene	218-01-9		
Cresol, 3&4-			
Cresol, o-	95-48-7		
Dibenz[a,h]anthracene	53-70-3		
Dibenzofuran	132-64-9		
Dibutyl Phthalate	84-74-2		
Dichlorobenzidine, 3,3'-	91-94-1		
Dichlorophenol, 2,4-	120-83-2		
Dichlorophenol, 2,6-	87-65-0		
Diethyl Phthalate	84-66-2		
Dimethyl phthalate	131-11-3		
Dimethylamino azobenzene [p-]	60-11-7		
Dimethylbenz(a)anthracene, 7,12-	57-97-6		
Dimethylbenzidine, 3,3'-	119-93-7		
Dimethylphenol, 2,4-	105-67-9		
Dimethylphenylethylamine, a,a-			
Dinitrobenzene, 1,3-	99-65-0		
Dinitro-o-cresol, 4,6-	534-52-1		
Dinitrophenol, 2,4-	51-28-5		
Dinitrotoluene, 2,4-	121-14-2		
Dinitrotoluene, 2,6-	606-20-2		
Di-n-octylphthalate			
Dinoseb	88-85-7		
Ethyl Methanesulfonate	62-50-0		
Fluoranthene	206-44-0		
Fluorene	86-73-7		
Hexachlorobenzene	118-74-1		
Hexachlorocyclopentadiene	77-47-4		
Hexachloroethane	67-72-1		

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC97-209	KC97-209
		10/25/2011	10/25/2011
		KC97-209L-111025-01	KC97-209U-111025-01
Hexachlorophene	70-30-4		
Hexachloropropene	1888-71-7		
Indeno[1,2,3-cd]pyrene	193-39-5		
Isophorone	78-59-1		
Isosafrole	120-58-1		
Methapyrilene	91-80-5		
Methyl methanesulfonate	66-27-3		
Methyl-5-Nitroaniline, 2-	99-55-8		
Methylcholanthrene, 3-	56-49-5		
Methylnaphthalene, 2-	91-57-6		
Naphthoquinone, 1,4-	130-15-4		
Naphthylamine, 1-	134-32-7		
Naphthylamine, 2-	91-59-8		
Nitroaniline, 2-	88-74-4		
Nitroaniline, 3-	99-09-2		
Nitroaniline, 4-	100-01-6		
Nitrophenol, 2-	88-75-5		
Nitrophenol, 4-	100-02-7		
Nitroquinoline-n-oxide, 4-	56-57-5		
Nitrosodiethylamine, N-	55-18-5		
Nitrosodimethylamine, N-	62-75-9		
Nitroso-di-N-propylamine, N-	621-64-7		
Nitrosodiphenylamine, N-	86-30-6		
Nitrosomethylethylamine, N-	10595-95-6		
Nitrosomorpholine [N-]	59-89-2		
Nitrosopiperidine [N-]	100-75-4		
Nitrosopyrrolidine, N-	930-55-2		
Pentachlorobenzene	608-93-5		
Pentachloroethane	76-01-7		
Pentachloronitrobenzene	82-68-8		
Pentachlorophenol	87-86-5		
Phenacetin	62-44-2		
Phenanthrene	85-01-8		
Phenol	108-95-2		
Phenylenediamine, p-	106-50-3		
Picoline, 2-	109-06-8		
Pyrene	129-00-0		
Pyridine	110-86-1		
Safrole	94-59-7		
Tetrachlorobenzene, 1,2,4,5-	95-94-3		
Tetrachlorophenol, 2,3,4,6-	58-90-2		
Toluidine, o-	95-53-4		
Trichlorophenol, 2,4,5-	95-95-4		
Trichlorophenol, 2,4,6-	88-06-2		
Trinitrobenzene, 1,3,5-	99-35-4		
Metals and Inorganics			

Table A-16
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC97-209	KC97-209
		10/25/2011	10/25/2011
		KC97-209L-111025-01	KC97-209U-111025-01
Antimony	7440-36-0		
Arsenic	7440-38-2		
Barium	7440-39-3		
Beryllium	7440-41-7		
Cadmium	7440-43-9		
Chloride	16887-00-6		
Chromium, Total	7440-47-3		
Cobalt	7440-48-4		
Copper	7440-50-8		
Lead	7439-92-1		
Mercury	7439-97-6		
Nickel	7440-02-0		
Nitrate	14797-55-8		
Selenium	7782-49-2		
Silver	7440-22-4		
Sulfate	14808-79-8		
Thallium (Soluble Salts)	7440-28-0		
Tin	7440-31-5		
Vanadium	NA		
Zinc	7440-66-6		
PCBs and Dioxins			
Aminobiphenyl, 4-	92-67-1		
Aroclor 1016	12674-11-2		
Aroclor 1221	11104-28-2		
Aroclor 1232	11141-16-5		
Aroclor 1242	53469-21-9		
Aroclor 1248	12672-29-6		
Aroclor 1254	11097-69-1		
Aroclor 1260	11096-82-5		
Pesticides			
Pronamide (Kerb)	23950-58-5		
Hydrocarbons			
Ethane	74-84-0		
Ethene	74-85-1		
Methane	74-82-2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-210	KC98-211	KC98-211	KC98-211	KC98-211	KC98-211	KC98-211	KC98-212	KC98-212
		9/12/2005	4/17/2009	9/16/2009	3/31/2010	10/6/2010	4/26/2011	10/21/2011	4/15/2009	9/16/2009
		KC98-210L-050912-01	KC98-211U-090417-01	KC98-211U-090916-01	KC98-211U-100331-01	KC98-211U-101006-01	KC98-211U-110426-01	KC98-211U-111021-01	KC98-212L-090415-01	KC98-212L-090916-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	71.7	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	1.2	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	25	9.1	7.6	7.9	4.3	3	1.6	1.6	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	200	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	39.9	28.6
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-212	KC98-212	KC98-212	KC98-212	KC98-213	KC98-214	KC98-215	KC98-216	KC98-219
		3/31/2010	10/6/2010	4/26/2011	10/21/2011	9/9/2005	9/12/2005	9/12/2005	9/9/2005	9/9/2005
		KC98-212L-100331-01	KC98-212L-101006-01	KC98-212L-110426-01	KC98-212L-111021-01	KC98-213L-050909-01	KC98-214U-050912-01	KC98-215L-050912-01	KC98-216U-050909-01	KC98-219U-050909-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	33
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	69	3.1	69	< 0.5	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	11.2	2.7	3.4	< 1.8	210	< 1.8	72	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

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Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-220	KC98-221	KC98-222	KC98-223	KC98-224	KC98-225	KC98-226	KC98-227	KC98-227
		9/12/2005	9/9/2005	9/9/2005	9/12/2005	9/9/2005	9/9/2005	9/9/2005	4/7/2009	4/7/2009
		KC98-220L-050912-01	KC98-221L-050909-01	KC98-222L-050909-01	KC98-223L-050912-01	KC98-224L-050909-01	KC98-225L-050909-01	KC98-226L-050909-01	KC98-227L-090407-01	KC98-227U-090407-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10		
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	6.1	< 5	17	< 5	< 5	< 5	< 5		
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	0.63	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4								< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4								< 1	< 1
Trichlorotrifluoroethane, 1,1,2-									< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	2.2	< 1.8	< 1.8	< 1.8	< 1.8	13	< 1.8	< 1.8
Xylenes	1330-20-7								< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2								< 0.5	< 0.5
Aroclor 1221	11104-28-2								< 0.5	< 0.5
Aroclor 1232	11141-16-5								< 0.5	< 0.5
Aroclor 1242	53469-21-9								< 0.5	< 0.5
Aroclor 1248	12672-29-6								< 0.5	< 0.5
Aroclor 1254	11097-69-1								< 0.5	< 0.5
Aroclor 1260	11096-82-5								< 0.5	< 0.5

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Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-227	KC98-227	KC98-227	KC98-227	KC98-227	KC98-227	KC98-227	KC98-227	KC98-227
		9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010	4/22/2011	4/22/2011	10/26/2011
		KC98-227L-090924-01	KC98-227U-090924-01	KC98-227L-100401-01	KC98-227U-100401-01	KC98-227L-101012-01	KC98-227U-101012-01	KC98-227L-110422-01	KC98-227U-110422-01	KC98-227L-111026-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
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Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-227	KC98-228	KC98-228	KC98-228	KC98-228	KC98-228	KC98-228	KC98-228	KC98-228
		10/26/2011	4/8/2009	4/8/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC98-227U-111026-01	KC98-228L-090408-01	KC98-228U-090408-01	KC98-228L-090924-01	KC98-228U-090924-01	KC98-228L-100401-01	KC98-228U-100401-01	KC98-228L-101012-01	KC98-228U-101012-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 0.5	< 0.5						
Aroclor 1221	11104-28-2		< 0.5	< 0.5						
Aroclor 1232	11141-16-5		< 0.5	< 0.5						
Aroclor 1242	53469-21-9		< 0.5	< 0.5						
Aroclor 1248	12672-29-6		< 0.5	< 0.5						
Aroclor 1254	11097-69-1		< 0.5	< 0.5						
Aroclor 1260	11096-82-5		< 0.5	< 0.5						

Notes:
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"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-228	KC98-228	KC98-228	KC98-228	KC98-229	KC98-229	KC98-229	KC98-229	KC98-229
		4/22/2011	4/22/2011	10/26/2011	10/26/2011	4/8/2009	4/8/2009	9/24/2009	9/24/2009	4/1/2010
		KC98-228L-110422-01	KC98-228U-110422-01	KC98-228L-111026-01	KC98-228U-111026-01	KC98-229L-090408-01	KC98-229U-090408-01	KC98-229L-090924-01	KC98-229U-090924-01	KC98-229L-100401-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2					< 0.5	< 1.7			
Aroclor 1221	11104-28-2					< 0.5	< 1.7			
Aroclor 1232	11141-16-5					< 0.5	< 1.7			
Aroclor 1242	53469-21-9					< 0.5	< 1.7			
Aroclor 1248	12672-29-6					< 0.5	< 1.7			
Aroclor 1254	11097-69-1					< 0.5	< 1.7			
Aroclor 1260	11096-82-5					< 0.5	< 1.7			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-229	KC98-229	KC98-229	KC98-229	KC98-229	KC98-229	KC98-230	KC98-230	KC98-230
		4/1/2010	10/12/2010	10/12/2010	4/22/2011	4/22/2011	10/26/2011	4/8/2009	4/8/2009	9/24/2009
		KC98-229U-100401-01	KC98-229L-101012-01	KC98-229U-101012-01	KC98-229L-110422-01	KC98-229U-110422-01	KC98-229L-111026-01	KC98-230L-090408-01	KC98-230U-090408-01	KC98-230L-090924-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2							< 0.5	< 0.5	
Aroclor 1221	11104-28-2							< 0.5	< 0.5	
Aroclor 1232	11141-16-5							< 0.5	< 0.5	
Aroclor 1242	53469-21-9							< 0.5	< 0.5	
Aroclor 1248	12672-29-6							< 0.5	< 0.5	
Aroclor 1254	11097-69-1							< 0.5	< 0.5	
Aroclor 1260	11096-82-5							< 0.5	< 0.5	

Notes:
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"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-230	KC98-230	KC98-230	KC98-230	KC98-230	KC98-230	KC98-230	KC98-230	KC98-230
		9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010	4/22/2011	4/22/2011	10/26/2011	10/26/2011
		KC98-230U-090924-01	KC98-230L-100401-01	KC98-230U-100401-01	KC98-230L-101012-01	KC98-230U-101012-01	KC98-230L-110422-01	KC98-230U-110422-01	KC98-230L-111026-01	KC98-230U-111026-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
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Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-231	KC98-231	KC98-231	KC98-231	KC98-231	KC98-231	KC98-232	KC98-232	KC98-232
		9/23/2009	11/5/2009	10/5/2010	10/5/2010	10/20/2011	10/20/2011	4/16/2009	4/16/2009	9/23/2009
		KC98-231U-090923-01	KC98-231L-091105-01	KC98-231L-101005-01	KC98-231U-101005-01	KC98-231L-111020-01	KC98-231U-111020-01	KC98-232L-090416-01	KC98-232U-090416-01	KC98-232L-090923-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	0.53	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 10	< 10	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

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Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-232	KC98-232	KC98-232	KC98-232	KC98-232	KC98-232	KC98-232	KC98-233	KC98-233
		9/23/2009	4/1/2010	4/1/2010	10/5/2010	10/5/2010	10/20/2011	10/20/2011	10/2/2009	10/15/2010
		KC98-232U-090923-01	KC98-232L-100401-01	KC98-232U-100401-01	KC98-232L-101005-01	KC98-232U-101005-01	KC98-232L-111020-01	KC98-232U-111020-01	KC98-233L-091002-01	KC98-233L-101015-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10		
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1		
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 1	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4								< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 10	< 10		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1		
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1	< 1	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4								< 1	< 1
Trichlorotrifluoroethane, 1,1,2-									< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7								< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2								< 0.5	< 0.5
Aroclor 1221	11104-28-2								< 0.5	< 0.5
Aroclor 1232	11141-16-5								< 0.5	< 0.5
Aroclor 1242	53469-21-9								< 0.5	< 0.5
Aroclor 1248	12672-29-6								< 0.5	< 0.5
Aroclor 1254	11097-69-1								< 0.5	< 0.5
Aroclor 1260	11096-82-5								< 0.5	< 0.5

Notes:
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Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-233	KC98-234	KC98-234	KC98-234	KC99-235	KC99-235	KC99-235	KC99-235	KC99-235
		10/28/2011	9/23/2009	10/5/2010	10/20/2011	4/6/2009	10/9/2009	3/29/2010	10/14/2010	5/10/2011
		KC98-233L-111028-01	KC98-234L-090923-01	KC98-234L-101005-01	KC98-234L-111020-01	KC99-235L-090406-01	KC99-235L-091009-01	KC99-235L-100329-01	KC99-235L-101014-01	KC99-235L-110510-01
VOCs										
Acetone	67-64-1		< 10	< 10	< 10					
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0		< 5	< 5	< 5					
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3		< 0.5	< 0.5	< 1					
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	7.6	8.3	6	211	305
Ethylbenzene	100-41-4	< 2				< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 5	< 5	< 10					
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5		< 0.5	< 0.5	< 1					
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	9.5	3.2
Trichlorofluoromethane	75-69-4	< 1				< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5				< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	3.8	< 1.8	28.8	84.3
Xylenes	1330-20-7	< 7				< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	1.8
Aroclor 1248	12672-29-6	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC99-235	KC99-236	KC99-236	KC99-236	KC99-236	KC99-236	KC99-236	KC99-239	KC99-239
		11/2/2011	4/6/2009	10/9/2009	3/29/2010	10/14/2010	5/10/2011	11/2/2011	9/24/2009	10/6/2010
		KC99-235L-111102-01	KC99-236L-090406-01	KC99-236L-091009-01	KC99-236L-100329-01	KC99-236L-101014-01	KC99-236L-110510-01	KC99-236L-111102-01	KC99-239L-090924-01	KC99-239L-101006-01
VOCs										
Acetone	67-64-1								< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0								< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3								< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	0.91	< 0.7	< 0.7	0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	847	1.4	30.9	329	173	1.9	2.1	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2		
Methyl Ethyl Ketone (2-Butanone)	78-93-3								< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5								< 0.5	< 0.5
Trichloroethene	79-01-6	46.5	< 1.2	1.5	3.4	7.7	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Vinyl Chloride	75-01-4	101	< 1.8	2.4	65.7	14.2	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7		
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC99-239	KC99-240	KC99-240	KC99-241	KC99-241	KC99-242	KC99-242	KC99-242	KC99-242
		10/21/2011	9/13/2005	9/13/2005	9/13/2005	9/13/2005	9/12/2005	9/12/2005	3/12/2007	3/12/2007
		KC99-239L-111021-01	KC99-240L-050913-01	KC99-240U-050913-01	KC99-241L-050913-01	KC99-241U-050913-01	KC99-242L-050912-01	KC99-242U-050912-01	KC99-242L-070312-01	KC99-242U-070312-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	13	< 0.5	11	28	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	< 1.8	9.5	< 1.8	110	4.7	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC99-243	KC99-243	KC99-244	KC99-245	KC99-246	KC99-246	KC99-246	KC99-246	KC99-247
		9/12/2005	9/12/2005	9/9/2005	9/12/2005	9/12/2005	9/12/2005	3/6/2007	3/6/2007	4/17/2009
		KC99-243L-050912-01	KC99-243U-050912-01	KC99-244L-050909-01	KC99-245L-050912-01	KC99-246L-050912-01	KC99-246U-050912-01	KC99-246L-070306-01	KC99-246U-070306-01	KC99-247L-090417-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	59	6.2	< 0.5	13	< 0.5	0.71	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	80	< 1.8	< 1.8	120	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC99-247	KC99-247	KC99-247	KC99-247	KC99-247	KC99-248	KC99-248	KC99-248	KC99-248
		9/24/2009	3/31/2010	10/6/2010	4/26/2011	10/21/2011	4/17/2009	9/24/2009	3/31/2010	10/6/2010
		KC99-247L-090924-01	KC99-247L-100331-01	KC99-247L-101006-01	KC99-247L-110426-01	KC99-247L-111021-01	KC99-248L-090417-01	KC99-248L-090924-01	KC99-248L-100331-01	KC99-248L-101006-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	59	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	< 0.5	0.95	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-17
Comparison of Site Groundwater Data (Total) to Tapwater Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC99-248	KC99-248	KC99-249	KC99-250	KC99-252	KC99-252	KC99-253	KC99-260	KC99-260
		4/26/2011	10/21/2011	9/12/2005	9/12/2005	9/7/2005	3/6/2007	9/7/2005	9/7/2005	3/6/2007
		KC99-248L-110426-01	KC99-248L-111021-01	KC99-249U-050912-01	KC99-250U-050912-01	KC99-252L-050907-01	KC99-252L-070306-01	KC99-253L-050907-01	KC99-260L-050907-01	KC99-260L-070306-01
VOCs										
Acetone	67-64-1	< 10	< 10	22	53	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	2.7	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	0.64	0.69	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01
VOCs										
Acetone	67-64-1	< 50	< 5000	< 500	< 100	< 50	< 50	< 500		
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 5	< 500	< 50	< 10	< 5	< 5	< 50	3.3 J	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Bromochloromethane	74-97-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Bromodichloromethane	75-27-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Bromoform	75-25-2	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Bromomethane	74-83-9	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Butylbenzene, n-	104-51-8	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Butylbenzene, sec-	135-98-8	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Butylbenzene, tert-	98-06-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Carbon Disulfide	75-15-0	< 25	< 2500	< 250	< 50	< 25	< 25	< 250		
Carbon Tetrachloride	56-23-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 7	< 0.7
Chloroethane	75-00-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Chloroform	67-66-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Chloromethane	74-87-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Chlorotoluene, p-	106-43-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
cis-1,3-Dichloropropene	10061-01-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8	< 12.5	< 1250	< 125	< 25	< 12.5	< 12.5	< 125		
Dibromochloromethane	124-48-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dibromoethane, 1,2-	106-93-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dibromomethane (Methylene Bromide)	74-95-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 10	< 1
Dichlorobenzene, 1,3-	541-73-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichlorobenzene, 1,4-	106-46-7	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichlorodifluoromethane	75-71-8	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloroethane, 1,1-	75-34-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 13	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 5	< 500	238	< 10	< 5	< 5	< 50	3.5 J	0.95
Dichloroethylene, 1,2-cis-	156-59-2	< 5	< 500	238	< 10	< 5	< 5	< 50		
Dichloroethylene, 1,2-trans-	156-60-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01
Dichloropropane, 1,2-	78-87-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloropropane, 1,3-	142-28-9	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloropropane, 2,2-	594-20-7	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloropropene, 1,1-	563-58-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Dichloropropene, trans-1,3-	10061-02-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Diisopropyl Ether	108-20-3					< 1	< 1	< 1		
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethyl tert Butyl Ether	637-92-3					< 1	< 1	< 1		
Ethylbenzene	100-41-4	< 5	< 2	< 50	< 10	< 5	< 5	< 50	< 20	< 2
Hexachlorobutadiene	87-68-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Hexanone, 2-	591-78-6	< 50	< 5000	< 500	< 100	< 50	< 50	< 500		
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Isopropyltoluene, p-	99-87-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 50	< 5000	< 500	< 100	< 50	< 50	< 500		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 50	< 5000	< 500	< 100	< 50	< 50	< 500	< 50	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 5	< 500	< 50	< 10	< 1	< 1	< 1		
Methylene Chloride	75-09-2	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Naphthalene	91-20-3	< 50	< 5000	< 500	< 100	< 1	< 1	< 1		
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Styrene	100-42-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
tert-Butyl alcohol	75-65-0	< 50	< 5000	< 500	< 100	< 10	< 10	< 10		
Tertiary-Amyl-Methyl Ether	994-05-8					< 1	< 1	< 1		
Tetrachloroethane, 1,1,1,2-	630-20-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Tetrachloroethane, 1,1,2,2-	79-34-5	< 5	< 500	< 50	< 10					
Tetrachloroethene	127-18-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 5	< 0.5
Toluene	108-88-3	< 5	< 500	< 50	< 10	< 5	< 5	< 50	1.6 J	< 2
Trichlorobenzene, 1,2,3-	87-61-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Trichlorobenzene, 1,2,4-	120-82-1	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Trichloroethane, 1,1,1-	71-55-6	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 5	< 500	< 50	< 10	< 5	< 5	< 50		
Trichloroethene	79-01-6	11.8	43300	1330	< 10	< 5	< 5	< 50	477	516
Trichlorofluoromethane	75-69-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50	2.7 J	3.6
Trichloropropane, 1,2,3-	96-18-4	< 12.5	< 1250	< 125	< 25	< 12.5	< 12.5	< 125		
Trichlorotrifluoroethane, 1,1,2-									3.1 J	< 5
Trimethylbenzene, 1,2,4-	95-63-6	< 5	2.4	< 50	< 10	< 5	< 5	< 50		
Trimethylbenzene, 1,3,5-	108-67-8	< 5	< 2	< 50	< 10	< 5	< 5	< 50		
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 5	< 500	< 50	< 10	< 5	< 5	< 50	< 18	< 1.8

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 15	< 1500	< 150	< 30	< 15	< 15	< 150	5.2 J	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9					< 1	< 1	< 1		
Acenaphthylene	208-96-8					< 1	< 1	< 1		
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7					< 1	< 1	< 1		
Aramite	140-57-8									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3					< 1	< 1	1.1		
Benzo[a]pyrene	50-32-8					< 1	< 1	< 1		
Benzo[b]fluoranthene	205-99-2					< 1	< 1	1.7		
Benzo[g,h,i]perylene	191-24-2					< 1	< 1	< 1		
Benzo[k]fluoranthene	207-08-9					< 1	< 1	< 1		
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, 3&4-										
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9					< 1	< 1	1.1		
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3					< 1	< 1	< 1		
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Diphenylhydrazine, 1,2-	122-66-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0					< 1	1.1	3.6		
Fluorene	86-73-7					< 1	< 1	< 1		
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5					< 1	< 1	< 1		
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8					< 1	< 1	3.2		
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01
Picoline, 2-	109-06-8									
Pyrene	129-00-0					< 1	< 1	2.3		
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2					1090	695	493		
Barium	7440-39-3					3960	11400	5480		
Beryllium	7440-41-7									
Cadmium	7440-43-9					413	251	146		
Chromium, Total	7440-47-3					399	658	438		
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1					2670	1550	1350		
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2					192	192	16		
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2								< 0.5	< 0.5
Aroclor 1221	11104-28-2								< 0.5	< 0.5
Aroclor 1232	11141-16-5								< 0.5	< 0.5
Aroclor 1242	53469-21-9								< 0.5	< 0.5
Aroclor 1248	12672-29-6								< 0.5	< 0.5
Aroclor 1254	11097-69-1								< 0.5	< 0.5
Aroclor 1260	11096-82-5								< 0.5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Diesel Range Organics						< 1000	< 1000	< 1000		
Gasoline Range Organics						< 500	< 500	< 500		
Oil Range Hydrocarbons						< 1000	< 1000	< 1000		

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	BLDG500610-SP09	BLDG500610-SP10	BLDG500610-SP11	BLDG500610-SP17	BLDG500610-SP18	BLDG500610-SP19	BLDG500610-SP20	GS01-501	GS01-501
		10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/31/2006	10/31/2006	10/31/2006	10/12/2009	10/21/2010
		SPBLDG500610-09-01	SPBLDG500610-10-01	SPBLDG500610-11-01	SPBLDG500610-17-01	SPBLDG500610-18-01	SPBLDG500610-19-01	SPBLDG500610-20-01	GS01-501L-091012-01	GS01-501L-101021-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 200	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 70	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 100	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 1	< 70	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	13.5 J	15.4	23.9	4	6.5	2.5	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	2.9	10600	17600	16200	1260	2030	452	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethyl tert Butyl Ether	637-92-3									
Ethylbenzene	100-41-4	< 2	< 200	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 500	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 200	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	607	< 120	3.1	9.8	247	5	1980	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	5	< 100	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		5.5	< 500	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	7250	7710	7730	154	183	23.3	< 1.8	< 1.8

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 700	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, 3&4-										
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Diphenylhydrazine, 1,2-	122-66-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1248	12672-29-6		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Diesel Range Organics										
Gasoline Range Organics										
Oil Range Hydrocarbons										

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS01-501	GS01-502	GS01-502	GS01-502	GS02-503	GS02-503	GS02-503	GS06-504	GS06-504
		11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/11/2010
		GS01-501L-111104-01	GS01-502L-091012-01	GS01-502L-101021-01	GS01-502L-111104-01	GS02-503L-091012-01	GS02-503L-101021-01	GS02-503L-111104-01	GS06-504L-091012-01	GS06-504L-101011-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 400	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 140	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 200	< 1	5.2	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 140	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 100	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 260	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 100	2.2	7.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethyl tert Butyl Ether	637-92-3									
Ethylbenzene	100-41-4	< 2	< 400	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 1000	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 100	2.8	3.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 400	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 100	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	11800	8380	28800	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	23.5 J	30.9	39.8	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 1000	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 360	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 1400	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzidine	92-87-5									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzoic Acid	65-85-0									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
bis(2-Chloroisopropyl)ether	39638-32-9									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Carbazole	86-74-8									
Chloroaniline, 3&4-										
Chloroaniline, p-	106-47-8									
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Diphenylhydrazine, 1,2-	122-66-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1248	12672-29-6		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Diesel Range Organics										
Gasoline Range Organics										
Oil Range Hydrocarbons										

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-504	GS06-505	GS06-505	GS06-505	GS06-506	GS06-506	GS06-506	GS06-507	GS06-507
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	10/12/2009	10/21/2010
		GS06-504L-111104-01	GS06-505L-091012-01	GS06-505L-101011-01	GS06-505L-111104-01	GS06-506L-091012-01	GS06-506L-101021-01	GS06-506L-111104-01	GS06-507L-091012-01	GS06-507L-101021-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 20	< 2	< 2	< 2	< 2	< 2		
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4								< 1.5	
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7		
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7								< 1.6	
Chlorophenol, 2-	95-57-8								< 1.4	
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7								< 1.3	
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 10	< 1	< 1	< 1	< 1	37.3	< 1.5	
Dichlorobenzene, 1,3-	541-73-1								< 1.5	
Dichlorobenzene, 1,4-	106-46-7								< 1.5	
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7		
Dichloroethane, 1,2-	107-06-2	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Dichloroethene, 1,1-	75-35-4	< 1.3	1.1 J	1.5	1.3	< 1.3	< 1.3	< 1.3		
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	440	469	454	4.3	13	47.1		
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethyl tert Butyl Ether	637-92-3									
Ethylbenzene	100-41-4	< 2	< 20	< 2	< 2	< 2	< 2	< 2		
Hexachlorobutadiene	87-68-3								< 1.3	
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 50	< 5	< 5	< 5	< 5	< 5		
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3								< 0.09	
Nitrobenzene	98-95-3								< 2	
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Toluene	108-88-3	< 2	1.4 J	< 2	< 2	< 2	< 2	< 2		
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1								< 1.5	
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 12	9.7	3.5	76.9	101	2750		
Trichlorofluoromethane	75-69-4	< 1	< 10	< 1	< 1	< 1	< 1	< 1		
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 50	< 5	< 5	< 5	< 5	< 5		
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 18	26.3	16.2	< 1.8	< 1.8	< 1.8		

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	2 J	< 7	< 7	< 7	< 7	< 7		
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9								< 0.05	
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3								< 5.3	
Anthracene	120-12-7								< 0.06	
Aramite	140-57-8									
Benzidine	92-87-5								< 6.9	
Benzo[a]anthracene	56-55-3								< 0.05	
Benzo[a]pyrene	50-32-8								< 0.08	
Benzo[b]fluoranthene	205-99-2								< 0.07	
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9								< 0.07	
Benzoic Acid	65-85-0								< 5.8	
Benzyl Alcohol	100-51-6								< 1.5	
Bis(2-chloroethoxy)methane	111-91-1								< 1.5	
bis(2-Chloroisopropyl)ether	39638-32-9								< 2.3	
Bis(2-ethylhexyl)phthalate	117-81-7								3 J	
Bromophenyl phenyl ether, 4-	101-55-3								< 1.6	
Butyl Benzyl Phthlate	85-68-7								< 1.9	
Carbazole	86-74-8								< 1.7	
Chloroaniline, 3&4-										
Chloroaniline, p-	106-47-8								< 5	
Chlorophenyl-phenylether, 4-	7005-72-3								< 1.5	
Chrysene	218-01-9								< 0.05	
Cresol, 3&4-									< 1.8	
Cresol, o-	95-48-7								< 0.97	
Dibenz[a,h]anthracene	53-70-3								< 0.07	
Dibenzofuran	132-64-9								< 1.5	
Dibutyl Phthalate	84-74-2								< 1.2	
Dichlorobenzidine, 3,3'-	91-94-1								< 3.7	
Dichlorophenol, 2,4-	120-83-2								< 2.6	
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2								< 1.2	
Dimethyl phthalate	131-11-3								< 1.2	
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9								< 1.5	
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1								< 1.6	
Dinitrophenol, 2,4-	51-28-5								< 18	

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01
Dinitrotoluene, 2,4-	121-14-2								< 1.7	
Dinitrotoluene, 2,6-	606-20-2								< 1.5	
Di-n-octylphthalate									< 1.5	
Dinoseb	88-85-7									
Diphenylhydrazine, 1,2-	122-66-7								< 1.6	
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0								< 0.05	
Fluorene	86-73-7								< 0.08	
Hexachlorobenzene	118-74-1								< 1.6	
Hexachlorocyclopentadiene	77-47-4								< 6	
Hexachloroethane	67-72-1								< 1.1	
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1								< 1.4	
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4								< 1.7	
Nitroaniline, 3-	99-09-2								< 3.9	
Nitroaniline, 4-	100-01-6								< 2.7	
Nitrophenol, 2-	88-75-5								< 2.3	
Nitrophenol, 4-	100-02-7								< 7.8	
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9								< 1.1	
Nitroso-di-N-propylamine, N-	621-64-7								< 1.7	
Nitrosodiphenylamine, N-	86-30-6								< 1.9	
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5								< 15	
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2								< 0.87	
Phenylenediamine, p-	106-50-3									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01
Picoline, 2-	109-06-8									
Pyrene	129-00-0								< 0.09	
Pyridine	110-86-1								< 1.2	
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4								< 1.3	
Trichlorophenol, 2,4,6-	88-06-2								< 1.3	
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2								2170	931 J
Barium	7440-39-3								27900	20100 J
Beryllium	7440-41-7									
Cadmium	7440-43-9								394	110 J
Chromium, Total	7440-47-3								1520	1410 J
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1								940	1350 J
Mercury	7439-97-6								5.8	4 J
Nickel	7440-02-0									
Selenium	7782-49-2								20.2 J	189 J
Silver	7440-22-4								18.6 J	97.9 J
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1221	11104-28-2		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1232	11141-16-5		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1242	53469-21-9		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1248	12672-29-6		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1254	11097-69-1		< 0.5	< 0.5		< 0.5	< 0.5			
Aroclor 1260	11096-82-5		< 0.5	< 0.5		< 0.5	< 0.5			
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Diesel Range Organics										
Gasoline Range Organics										
Oil Range Hydrocarbons										

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS06-507	GS06-508	GS06-508	GS06-508	GS06-509	GS06-509	GS06-509	GS10-DPT1	GS10-DPT10
		11/4/2011	10/12/2009	10/11/2010	11/4/2011	10/12/2009	10/21/2010	11/4/2011	12/8/2010	6/29/2011
		GS06-507L-111104-01	GS06-508L-091012-01	GS06-508L-101011-01	GS06-508L-111104-01	GS06-509L-091012-01	GS06-509L-101021-01	GS06-509L-111104-01	GS10-DPT1U-101208-01	GS10-DPT10L-110629-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01
VOCs										
Acetone	67-64-1								< 10	
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2							< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4	< 1.3	< 1.3	< 1.4	< 1.3					
Bromobenzene	108-86-1									
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0								< 5	
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7							36.7	35.2	24.5
Chloroethane	75-00-3									
Chloroform	67-66-3								< 0.5	
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7	< 1.4	< 1.4	< 1.5	< 1.4					
Chlorophenol, 2-	95-57-8	< 1.2	< 1.2	< 1.3	< 1.2					
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7	< 1.2	< 1.2	< 1.3	< 1.2					
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1.3	< 1.3	< 1.3	< 1.3			10.8	12	8.6
Dichlorobenzene, 1,3-	541-73-1	< 1.3	< 1.3	< 1.3	< 1.3					
Dichlorobenzene, 1,4-	106-46-7	< 1.3	< 1.3	< 1.4	< 1.3					
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3							4.1	4.6	4.7
Dichloroethane, 1,2-	107-06-2							< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4							< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0							218	384	167
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Diisopropyl Ether	108-20-3									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethyl tert Butyl Ether	637-92-3									
Ethylbenzene	100-41-4							< 2		< 2
Hexachlorobutadiene	87-68-3	< 1.1	< 1.1	< 1.2	< 1.1					
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3								< 5	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3	< 0.08	< 0.08	< 0.08	< 0.08					
Nitrobenzene	98-95-3	< 1.7	< 1.7	< 1.9	< 1.7					
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
tert-Butyl alcohol	75-65-0									
Tertiary-Amyl-Methyl Ether	994-05-8									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4							< 0.5	< 0.5	< 0.5
Toluene	108-88-3							< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1	< 1.3	< 1.3	< 1.4	< 1.3					
Trichloroethane, 1,1,1-	71-55-6							< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5								< 0.5	
Trichloroethene	79-01-6							< 1.2	1.3	< 1.2
Trichlorofluoromethane	75-69-4							< 1		< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-								< 5		< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4							9.9	14.3	14

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01
Xylene, o-	95-47-6									
Xylenes	1330-20-7							< 7		< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9	< 0.04	< 0.04	< 0.05	< 0.04					
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3	< 4.6	< 4.6	< 4.9	< 4.6					
Anthracene	120-12-7	< 0.05	< 0.05	< 0.06	< 0.05					
Aramite	140-57-8									
Benzidine	92-87-5	< 6	< 6	< 6.4	< 6					
Benzo[a]anthracene	56-55-3	< 0.04	< 0.04	< 0.04	< 0.04					
Benzo[a]pyrene	50-32-8	< 0.06	< 0.06	< 0.07	< 0.06					
Benzo[b]fluoranthene	205-99-2	< 0.06	< 0.06	< 0.07	< 0.06					
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9	< 0.06	< 0.06	< 0.06	< 0.06					
Benzoic Acid	65-85-0	< 5	< 5	< 5.4	< 5					
Benzyl Alcohol	100-51-6	< 1.3	< 1.3	< 1.4	< 1.3					
Bis(2-chloroethoxy)methane	111-91-1	< 1.3	< 1.3	< 1.4	< 1.3					
bis(2-Chloroisopropyl)ether	39638-32-9	< 2	< 2	< 2.1	< 2					
Bis(2-ethylhexyl)phthalate	117-81-7	3.5 J	2.3 J	2.4 J	< 1.8					
Bromophenyl phenyl ether, 4-	101-55-3	< 1.4	< 1.4	< 1.5	< 1.4					
Butyl Benzyl Phthlate	85-68-7	< 1.6	< 1.6	< 1.8	< 1.6					
Carbazole	86-74-8	< 1.5	< 1.5	< 1.6	< 1.5					
Chloroaniline, 3&4-										
Chloroaniline, p-	106-47-8	< 4.3	< 4.3	< 4.6	< 4.3					
Chlorophenyl-phenylether, 4-	7005-72-3	< 1.3	< 1.3	< 1.4	< 1.3					
Chrysene	218-01-9	< 0.04	< 0.04	< 0.05	< 0.04					
Cresol, 3&4-		< 1.6	< 1.6	< 1.7	< 1.6					
Cresol, o-	95-48-7	< 0.83	< 0.83	< 0.9	< 0.83					
Dibenz[a,h]anthracene	53-70-3	< 0.06	< 0.06	< 0.06	< 0.06					
Dibenzofuran	132-64-9	< 1.3	< 1.3	< 1.4	< 1.3					
Dibutyl Phthalate	84-74-2	< 1	< 1	< 1.1	< 1					
Dichlorobenzidine, 3,3'-	91-94-1	< 3.2	< 3.2	< 3.4	< 3.2					
Dichlorophenol, 2,4-	120-83-2	< 2.2	< 2.2	< 2.4	< 2.2					
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2	< 1.1	< 1.1	< 1.2	< 1.1					
Dimethyl phthalate	131-11-3	< 1.1	< 1.1	< 1.1	< 1.1					
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9	< 1.3	< 1.3	< 1.4	< 1.3					
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1	< 1.4	< 1.4	< 1.5	< 1.4					
Dinitrophenol, 2,4-	51-28-5	< 15	< 15	< 16	< 15					

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01
Dinitrotoluene, 2,4-	121-14-2	< 1.4	< 1.4	< 1.5	< 1.4					
Dinitrotoluene, 2,6-	606-20-2	< 1.3	< 1.3	< 1.4	< 1.3					
Di-n-octylphthalate		< 1.3	< 1.3	< 1.4	< 1.3					
Dinoseb	88-85-7									
Diphenylhydrazine, 1,2-	122-66-7	< 1.4	< 1.4	< 1.5	< 1.4					
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0	< 0.05	< 0.05	< 0.05	< 0.05					
Fluorene	86-73-7	< 0.06	< 0.06	< 0.07	< 0.06					
Hexachlorobenzene	118-74-1	< 1.3	< 1.3	< 1.4	< 1.3					
Hexachlorocyclopentadiene	77-47-4	< 5.2	< 5.2	< 5.6	< 5.2					
Hexachloroethane	67-72-1	< 0.97	< 0.97	< 1	< 0.97					
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1	< 1.2	< 1.2	< 1.3	< 1.2					
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4	< 1.4	< 1.4	< 1.5	< 1.4					
Nitroaniline, 3-	99-09-2	< 3.3	< 3.3	< 3.6	< 3.3					
Nitroaniline, 4-	100-01-6	< 2.3	< 2.3	< 2.5	< 2.3					
Nitrophenol, 2-	88-75-5	< 2	< 2	< 2.1	< 2					
Nitrophenol, 4-	100-02-7	< 6.7	< 6.7	< 7.2	< 6.7					
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9	< 0.97	< 0.97	< 1	< 0.97					
Nitroso-di-N-propylamine, N-	621-64-7	< 1.4	< 1.4	< 1.5	< 1.4					
Nitrosodiphenylamine, N-	86-30-6	< 1.7	< 1.7	< 1.8	< 1.7					
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5	< 13	< 13	< 14	< 13					
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2	< 0.75	< 0.75	< 0.81	< 0.75					
Phenylenediamine, p-	106-50-3									

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01
Picoline, 2-	109-06-8									
Pyrene	129-00-0	< 0.08	< 0.08	< 0.09	< 0.08					
Pyridine	110-86-1	< 0.99	< 0.99	< 1.1	< 0.99					
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4	< 1.2	< 1.2	< 1.2	< 1.2					
Trichlorophenol, 2,4,6-	88-06-2	< 1.1	< 1.1	< 1.2	< 1.1					
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2	87.7	404	139	92.4	116	250			
Barium	7440-39-3	1750	4960	2860	1590	2680	7430			
Beryllium	7440-41-7									
Cadmium	7440-43-9	17.1	48.2	412	147	400	4130			
Chromium, Total	7440-47-3	758	725	518	457	324	1190			
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1	153	466	456	313	415	6340			
Mercury	7439-97-6	0.39	1.5	1.9	0.57	2.4	5.2			
Nickel	7440-02-0									
Selenium	7782-49-2	< 3.2	< 16	172	25.6	64.3	282			
Silver	7440-22-4	4.1 J	12.7	17.2	11.3	20.4	40.3 J			
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2	< 0.22		< 0.15	< 0.14					
Aroclor 1221	11104-28-2	< 0.33		< 0.23	< 0.21					
Aroclor 1232	11141-16-5	< 0.17		< 0.12	< 0.11					
Aroclor 1242	53469-21-9	< 0.17		< 0.12	< 0.11					
Aroclor 1248	12672-29-6	< 0.22		< 0.16	< 0.15					
Aroclor 1254	11097-69-1	< 0.16		< 0.11	< 0.11					
Aroclor 1260	11096-82-5	< 0.17		< 0.12	< 0.11					
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Diesel Range Organics										
Gasoline Range Organics										
Oil Range Hydrocarbons										

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	GS10-DPT4	GS10-DPT5	GS10-DPT6	GS10-DPT7	GS10-DPT8	GS10-DPT9	OW-001	OW-001	OW-001
		12/10/2010	12/10/2010	12/9/2010	12/10/2010	6/29/2011	6/29/2011	9/28/2009	9/30/2010	10/24/2011
		GS10-DPT4U-101210-01	GS10-DPT5U-101210-01	GS10-DPT6U-101209-01	GS10-DPT7U-101210-01	GS10-DPT8L-110629-01	GS10-DPT9L-110629-01	OW-001L-090928-01	OW-001L-100930-01	OW-001L-111024-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01
VOCs					
Acetone	67-64-1	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8	< 100			
Acetophenone	98-86-2	< 10			
Acrolein	107-02-8	< 20			
Acrylonitrile	107-13-1	< 20			
Allyl Chloride	107-05-1	< 10			
Benzene	71-43-2	< 5	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1	< 10			
Bis(2-chloroethyl)ether	111-44-4	< 10			
Bromobenzene	108-86-1				
Bromochloromethane	74-97-5				
Bromodichloromethane	75-27-4	< 5			
Bromoform	75-25-2	< 5			
Bromomethane	74-83-9	< 5			
Butylbenzene, n-	104-51-8				
Butylbenzene, sec-	135-98-8				
Butylbenzene, tert-	98-06-6				
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 5			
Chloro-1,3-butadiene, 2-	126-99-8	< 5			
Chlorobenzene	108-90-7	< 5	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3	< 5			
Chloroform	67-66-3	< 5	< 0.5	< 0.5	< 1
Chloromethane	74-87-3	< 5			
Chloronaphthalene, Beta-	91-58-7	< 10			
Chlorophenol, 2-	95-57-8	< 10			
Chlorotoluene, o-	95-49-8				
Chlorotoluene, p-	106-43-4				
cis-1,3-Dichloropropene	10061-01-5	< 5			
Cresol, p-chloro-m-	59-50-7	< 10			
Dibromo-3-chloropropane, 1,2-	96-12-8	< 5			
Dibromochloromethane	124-48-1	< 5			
Dibromoethane, 1,2-	106-93-4	< 5			
Dibromomethane (Methylene Bromide)	74-95-3	< 5			
Dichloro-2-butene, trans-1,4-	110-57-6	< 5			
Dichlorobenzene, 1,2-	95-50-1	< 10	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1	< 10			
Dichlorobenzene, 1,4-	106-46-7	< 10			
Dichlorodifluoromethane	75-71-8	< 5			
Dichloroethane, 1,1-	75-34-3	< 5	4.4	5.5	5.6
Dichloroethane, 1,2-	107-06-2	< 5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 5	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0		7.1	8.2	7.9
Dichloroethylene, 1,2-cis-	156-59-2				
Dichloroethylene, 1,2-trans-	156-60-5	< 5			

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01
Dichloropropane, 1,2-	78-87-5	< 5			
Dichloropropane, 1,3-	142-28-9				
Dichloropropane, 2,2-	594-20-7				
Dichloropropene, 1,1-	563-58-6				
Dichloropropene, trans-1,3-	10061-02-6	< 5			
Diisopropyl Ether	108-20-3				
Dioxane, 1,4-	123-91-1	< 250			
Ethyl Methacrylate	97-63-2	< 10			
Ethyl tert Butyl Ether	637-92-3				
Ethylbenzene	100-41-4	< 5			
Hexachlorobutadiene	87-68-3	< 10			
Hexanone, 2-	591-78-6	< 10			
Iodomethane	74-88-4	< 5			
Isobutyl Alcohol	78-83-1	< 250			
Isopropylbenzene (Cumene)	98-82-8				
Isopropyltoluene, p-	99-87-6				
Methacrylonitrile	126-98-7	< 100			
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 5	< 5	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 10	< 5	< 5	< 5
Methyl Methacrylate	80-62-6	< 10			
Methyl tert-Butyl Ether (MTBE)	1634-04-4				
Methylene Chloride	75-09-2	< 5			
Naphthalene	91-20-3	< 10			
Nitrobenzene	98-95-3	< 10			
Nitroso-di-N-butylamine, N-	924-16-3	< 10			
Propionitrile	107-12-0	< 20			
Propylbenzene, n-	103-65-1				
Styrene	100-42-5	< 5			
tert-Butyl alcohol	75-65-0				
Tertiary-Amyl-Methyl Ether	994-05-8				
Tetrachloroethane, 1,1,1,2-	630-20-6	< 5			
Tetrachloroethane, 1,1,2,2-	79-34-5	< 5			
Tetrachloroethene	127-18-4	< 5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 5	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6				
Trichlorobenzene, 1,2,4-	120-82-1	< 10			
Trichloroethane, 1,1,1-	71-55-6	< 5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 5	< 0.5	< 0.5	< 1
Trichloroethene	79-01-6	< 5	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 5			
Trichloropropane, 1,2,3-	96-18-4	< 5			
Trichlorotrifluoroethane, 1,1,2-					
Trimethylbenzene, 1,2,4-	95-63-6				
Trimethylbenzene, 1,3,5-	108-67-8				
Vinyl Acetate	108-05-4	< 10			
Vinyl Chloride	75-01-4	< 5	< 1.8	2	2.1

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01
Xylene, o-	95-47-6	< 5			
Xylenes	1330-20-7				
Xylenes, m & p		< 5			
SVOCs					
Acenaphthene	83-32-9	< 10			
Acenaphthylene	208-96-8	< 10			
Acetylaminofluorene, 2-	53-96-3	< 10			
Aniline	62-53-3	< 10			
Anthracene	120-12-7	< 10			
Aramite	140-57-8	< 10			
Benzidine	92-87-5				
Benzo[a]anthracene	56-55-3	< 10			
Benzo[a]pyrene	50-32-8	< 10			
Benzo[b]fluoranthene	205-99-2	< 10			
Benzo[g,h,i]perylene	191-24-2	< 10			
Benzo[k]fluoranthene	207-08-9	< 10			
Benzoic Acid	65-85-0				
Benzyl Alcohol	100-51-6	< 10			
Bis(2-chloroethoxy)methane	111-91-1	< 10			
bis(2-Chloroisopropyl)ether	39638-32-9				
Bis(2-ethylhexyl)phthalate	117-81-7	< 10			
Bromophenyl phenyl ether, 4-	101-55-3	< 10			
Butyl Benzyl Phthlate	85-68-7	< 10			
Carbazole	86-74-8				
Chloroaniline, 3&4-		< 10			
Chloroaniline, p-	106-47-8				
Chlorophenyl-phenylether, 4-	7005-72-3	< 10			
Chrysene	218-01-9	< 10			
Cresol, 3&4-		< 10			
Cresol, o-	95-48-7	< 10			
Dibenz[a,h]anthracene	53-70-3	< 10			
Dibenzofuran	132-64-9	< 10			
Dibutyl Phthalate	84-74-2	< 10			
Dichlorobenzidine, 3,3'-	91-94-1	< 20			
Dichlorophenol, 2,4-	120-83-2	< 10			
Dichlorophenol, 2,6-	87-65-0	< 10			
Diethyl Phthalate	84-66-2	< 10			
Dimethyl phthalate	131-11-3	< 10			
Dimethylamino azobenzene [p-]	60-11-7	< 10			
Dimethylbenz(a)anthracene, 7,12-	57-97-6	< 10			
Dimethylbenzidine, 3,3'-	119-93-7	< 10			
Dimethylphenol, 2,4-	105-67-9	< 10			
Dimethylphenylethylamine, a,a-		< 10			
Dinitrobenzene, 1,3-	99-65-0	< 10			
Dinitro-o-cresol, 4,6-	534-52-1	< 10			
Dinitrophenol, 2,4-	51-28-5	< 10			

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01
Dinitrotoluene, 2,4-	121-14-2	< 10			
Dinitrotoluene, 2,6-	606-20-2	< 10			
Di-n-octylphthalate		< 10			
Dinoseb	88-85-7	< 10			
Diphenylhydrazine, 1,2-	122-66-7				
Ethyl Methanesulfonate	62-50-0	< 10			
Fluoranthene	206-44-0	< 10			
Fluorene	86-73-7	< 10			
Hexachlorobenzene	118-74-1	< 10			
Hexachlorocyclopentadiene	77-47-4	< 10			
Hexachloroethane	67-72-1	< 10			
Hexachlorophene	70-30-4	< 250			
Hexachloropropene	1888-71-7	< 10			
Indeno[1,2,3-cd]pyrene	193-39-5	< 10			
Isophorone	78-59-1	< 10			
Isosafrole	120-58-1	< 10			
Methapyrilene	91-80-5	< 10			
Methyl methanesulfonate	66-27-3	< 10			
Methyl-5-Nitroaniline, 2-	99-55-8	< 10			
Methylcholanthrene, 3-	56-49-5	< 10			
Methylnaphthalene, 2-	91-57-6	< 10			
Naphthoquinone, 1,4-	130-15-4	< 50			
Naphthylamine, 1-	134-32-7	< 10			
Naphthylamine, 2-	91-59-8	< 10			
Nitroaniline, 2-	88-74-4	< 10			
Nitroaniline, 3-	99-09-2	< 10			
Nitroaniline, 4-	100-01-6	< 10			
Nitrophenol, 2-	88-75-5	< 10			
Nitrophenol, 4-	100-02-7	< 10			
Nitroquinoline-n-oxide, 4-	56-57-5	< 10			
Nitrosodiethylamine, N-	55-18-5	< 10			
Nitrosodimethylamine, N-	62-75-9	< 10			
Nitroso-di-N-propylamine, N-	621-64-7	< 10			
Nitrosodiphenylamine, N-	86-30-6	< 10			
Nitrosomethylethylamine, N-	10595-95-6	< 10			
Nitrosomorpholine [N-]	59-89-2	< 10			
Nitrosopiperidine [N-]	100-75-4	< 10			
Nitrosopyrrolidine, N-	930-55-2	< 10			
Pentachlorobenzene	608-93-5	< 10			
Pentachloroethane	76-01-7	< 10			
Pentachloronitrobenzene	82-68-8	< 10			
Pentachlorophenol	87-86-5	< 10			
Phenacetin	62-44-2	< 10			
Phenanthrene	85-01-8	< 10			
Phenol	108-95-2	< 10			
Phenylenediamine, p-	106-50-3	< 10			

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01
Picoline, 2-	109-06-8	< 10			
Pyrene	129-00-0	< 10			
Pyridine	110-86-1	< 10			
Safrole	94-59-7	< 10			
Tetrachlorobenzene, 1,2,4,5-	95-94-3	< 10			
Tetrachlorophenol, 2,3,4,6-	58-90-2	< 10			
Toluidine, o-	95-53-4	< 10			
Trichlorophenol, 2,4,5-	95-95-4	< 10			
Trichlorophenol, 2,4,6-	88-06-2	< 10			
Trinitrobenzene, 1,3,5-	99-35-4	< 10			
Metals and Inorganics					
Antimony	7440-36-0	< 60			
Arsenic	7440-38-2	< 10			
Barium	7440-39-3	< 200			
Beryllium	7440-41-7	< 5			
Cadmium	7440-43-9	< 5			
Chromium, Total	7440-47-3	< 10			
Cobalt	7440-48-4	< 10			
Copper	7440-50-8	< 10			
Lead	7439-92-1	< 5			
Mercury	7439-97-6	< 0.2			
Nickel	7440-02-0	< 40			
Selenium	7782-49-2	< 35			
Silver	7440-22-4	< 10			
Thallium (Soluble Salts)	7440-28-0	< 10			
Tin	7440-31-5	< 50			
Vanadium	NA	< 50			
Zinc	7440-66-6	< 20			
PCBs and Dioxins					
Aminobiphenyl, 4-	92-67-1	< 10			
Aroclor 1016	12674-11-2				
Aroclor 1221	11104-28-2				
Aroclor 1232	11141-16-5				
Aroclor 1242	53469-21-9				
Aroclor 1248	12672-29-6				
Aroclor 1254	11097-69-1				
Aroclor 1260	11096-82-5				
Pesticides					
Pronamide (Kerb)	23950-58-5	< 10			
Hydrocarbons					
Diesel Range Organics					
Gasoline Range Organics					
Oil Range Hydrocarbons					

Notes:
< = Result is non-detect, less than the reporting limit given.

Table A-18
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations BLDG-, GS-, OW-
Bannister Federal Complex

Chemical	CAS	OW-008	OW-008	OW-008	OW-008
		8/24/2009	9/23/2009	9/30/2010	10/14/2011
		OW-008L-090824-01	OW-008L-090923-01	OW-008L-100930-01	OW-008L-111014-01

"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-262
		9/25/2009	9/25/2009	10/7/2010	12/2/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	9/24/2009
		KC00-261L-090925-01	KC00-261U-090925-01	KC00-261U-101007-01	KC00-261L-101202-01	KC00-261L-110427-01	KC00-261U-110427-01	KC00-261L-111024-01	KC00-261U-111024-01	KC00-262L-090924-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	1.4	< 0.5	< 0.5	0.52	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-261	KC00-262
		9/25/2009	9/25/2009	10/7/2010	12/2/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	9/24/2009
		KC00-261L-090925-01	KC00-261U-090925-01	KC00-261U-101007-01	KC00-261L-101202-01	KC00-261L-110427-01	KC00-261U-110427-01	KC00-261L-111024-01	KC00-261U-111024-01	KC00-262L-090924-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	9.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-262	KC00-262	KC00-262	KC00-262	KC00-262	KC00-265	KC00-265	KC00-265	KC00-265
		9/24/2009	10/6/2010	12/2/2010	10/21/2011	10/21/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC00-262U-090924-01	KC00-262L-101006-01	KC00-262U-101202-01	KC00-262L-111021-01	KC00-262U-111021-01	KC00-265L-090916-01	KC00-265U-090916-01	KC00-265L-101006-01	KC00-265U-101006-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	26.4	< 0.5	162	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 10	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-262	KC00-262	KC00-262	KC00-262	KC00-262	KC00-265	KC00-265	KC00-265	KC00-265
		9/24/2009	10/6/2010	12/2/2010	10/21/2011	10/21/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC00-262U-090924-01	KC00-262L-101006-01	KC00-262U-101202-01	KC00-262L-111021-01	KC00-262U-111021-01	KC00-265L-090916-01	KC00-265U-090916-01	KC00-265L-101006-01	KC00-265U-101006-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	8.3	< 1.8	156	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-265	KC00-265	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267
		10/24/2011	10/24/2011	4/16/2009	4/16/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010
		KC00-265L-111024-01	KC00-265U-111024-01	KC00-267L-090416-01	KC00-267U-090416-01	KC00-267L-090925-01	KC00-267U-090925-01	KC00-267L-100331-01	KC00-267U-100331-01	KC00-267L-101007-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	29.3	< 0.5	0.9	< 0.5	< 0.5	< 0.5	0.7	< 0.5	0.52
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-265	KC00-265	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267
		10/24/2011	10/24/2011	4/16/2009	4/16/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010
		KC00-265L-111024-01	KC00-265U-111024-01	KC00-267L-090416-01	KC00-267U-090416-01	KC00-267L-090925-01	KC00-267U-090925-01	KC00-267L-100331-01	KC00-267U-100331-01	KC00-267L-101007-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	118	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-268	KC00-268	KC00-268	KC00-268
		10/7/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	4/16/2009	4/17/2009	9/25/2009	9/25/2009
		KC00-267U-101007-01	KC00-267L-110427-01	KC00-267U-110427-01	KC00-267L-111024-01	KC00-267U-111024-01	KC00-268U-090416-01	KC00-268L-090417-01	KC00-268L-090925-01	KC00-268U-090925-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	0.85	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 10	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-267	KC00-267	KC00-267	KC00-267	KC00-267	KC00-268	KC00-268	KC00-268	KC00-268
		10/7/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	4/16/2009	4/17/2009	9/25/2009	9/25/2009
		KC00-267U-101007-01	KC00-267L-110427-01	KC00-267U-110427-01	KC00-267L-111024-01	KC00-267U-111024-01	KC00-268U-090416-01	KC00-268L-090417-01	KC00-268L-090925-01	KC00-268U-090925-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-269
		3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	4/16/2009
		KC00-268L-100331-01	KC00-268U-100331-01	KC00-268L-101007-01	KC00-268U-101007-01	KC00-268L-110427-01	KC00-268U-110427-01	KC00-268L-111024-01	KC00-268U-111024-01	KC00-269L-090416-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-268	KC00-269
		3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011	10/24/2011	10/24/2011	4/16/2009
		KC00-268L-100331-01	KC00-268U-100331-01	KC00-268L-101007-01	KC00-268U-101007-01	KC00-268L-110427-01	KC00-268U-110427-01	KC00-268L-111024-01	KC00-268U-111024-01	KC00-269L-090416-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-269	KC00-269	KC00-269	KC00-269	KC00-269	KC00-270	KC00-270	KC00-270	KC00-270
		9/16/2009	3/31/2010	10/6/2010	4/29/2011	10/24/2011	4/16/2009	9/25/2009	3/31/2010	10/6/2010
		KC00-269L-090916-01	KC00-269L-100331-01	KC00-269L-101006-01	KC00-269L-110429-01	KC00-269L-111024-01	KC00-270L-090416-01	KC00-270L-090925-01	KC00-270L-100331-01	KC00-270L-101006-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-269	KC00-269	KC00-269	KC00-269	KC00-269	KC00-270	KC00-270	KC00-270	KC00-270
		9/16/2009	3/31/2010	10/6/2010	4/29/2011	10/24/2011	4/16/2009	9/25/2009	3/31/2010	10/6/2010
		KC00-269L-090916-01	KC00-269L-100331-01	KC00-269L-101006-01	KC00-269L-110429-01	KC00-269L-111024-01	KC00-270L-090416-01	KC00-270L-090925-01	KC00-270L-100331-01	KC00-270L-101006-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-270	KC00-270	KC01-271	KC01-271	KC01-271	KC01-271	KC01-271	KC01-271	KC01-272
		4/29/2011	10/24/2011	4/6/2009	10/9/2009	3/29/2010	10/14/2010	5/10/2011	11/2/2011	4/6/2009
		KC00-270L-110429-01	KC00-270L-111024-01	KC01-271L-090406-01	KC01-271L-091009-01	KC01-271L-100329-01	KC01-271L-101014-01	KC01-271L-110510-01	KC01-271L-111102-01	KC01-272L-090406-01
VOCs										
Acetone	67-64-1	< 10	< 10							< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	5	16.9
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5							< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	7.3
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 1							< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.6
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	8	8.2	7.9	7.7	8.6	2.9	3.9
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	3.8	4.6	3.8	4.8	2.3	36.4
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	115	98.2	97.3	115	103	2400	7100
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4			< 2	< 2	< 2	< 2	< 2	< 2	
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 10							< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC00-270	KC00-270	KC01-271	KC01-271	KC01-271	KC01-271	KC01-271	KC01-271	KC01-272
		4/29/2011	10/24/2011	4/6/2009	10/9/2009	3/29/2010	10/14/2010	5/10/2011	11/2/2011	4/6/2009
		KC00-270L-110429-01	KC00-270L-111024-01	KC01-271L-090406-01	KC01-271L-091009-01	KC01-271L-100329-01	KC01-271L-101014-01	KC01-271L-110510-01	KC01-271L-111102-01	KC01-272L-090406-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	1.1	0.57	< 0.5	0.56	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 1							3.1
Trichloroethene	79-01-6	< 1.2	< 1.2	6.6	6.4	6.3	6.2	5.9	151	174
Trichlorofluoromethane	75-69-4			< 1	< 1	< 1	< 1	< 1	< 1	
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-				< 5	< 5	< 5	< 5	< 5	< 5	
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	17.5	15.8	17.7	19.1	24.6	160	147
Xylene, o-	95-47-6									
Xylenes	1330-20-7			< 7	< 7	< 7	< 7	< 7	< 7	
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1221	11104-28-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1232	11141-16-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1242	53469-21-9			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1248	12672-29-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1254	11097-69-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1260	11096-82-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	

Notes:
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Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-272	KC01-272	KC01-272	KC01-272	KC01-272	KC01-273	KC01-273	KC01-273	KC01-273
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010
		KC01-272L-091009-01	KC01-272L-100329-01	KC01-272L-101008-01	KC01-272L-110510-01	KC01-272L-111102-01	KC01-273L-090406-01	KC01-273L-091009-01	KC01-273L-100329-01	KC01-273L-101008-01
VOCs										
Acetone	67-64-1	94.1 J	< 500	< 10	< 10	< 10	11.5	396 J	< 1000	< 10
Benzene	71-43-2	20.8 J	< 100	24.1	17.7	22	60.8	78 J	< 200	62.8
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 250	< 250	< 5	< 5	< 5	< 5	< 1250	< 500	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 35	< 35	3.2	7.6	1.7	1.7	< 175	< 70	4.9
Chloroethane	75-00-3									
Chloroform	67-66-3	< 25	154	< 0.5	< 1	< 1	< 0.5	< 125	< 50	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 50	< 50	1.2	2.4	< 1	9.5	< 250	< 100	25.3
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	11 J	< 35	14	8.8	13.8	20.5	< 175	< 70	20.2
Dichloroethane, 1,2-	107-06-2	< 25	< 25	< 0.5	< 0.5	< 0.5	3.2	< 125	< 50	< 0.5
Dichloroethene, 1,1-	75-35-4	9.4 J	< 65	6.4	7.2	11.5	88.2	33.8 J	< 130	13.5
Dichloroethene, 1,2- (Total)	540-59-0	9760	1490	15500	8460	14900	16100	20300	20200	18400
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	69.8 J	< 250	< 5	< 10	< 10	< 5	305 J	< 500	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 250	< 250	< 5	< 5	< 5	< 5	< 1250	< 500	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-272	KC01-272	KC01-272	KC01-272	KC01-272	KC01-273	KC01-273	KC01-273	KC01-273
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010
		KC01-272L-091009-01	KC01-272L-100329-01	KC01-272L-101008-01	KC01-272L-110510-01	KC01-272L-111102-01	KC01-273L-090406-01	KC01-273L-091009-01	KC01-273L-100329-01	KC01-273L-101008-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 25	< 25	0.67	< 0.5	0.61	0.77	< 125	< 50	1.3
Toluene	108-88-3	< 100	< 100	< 2	< 2	< 2	2.5	< 500	< 200	3.2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 125	< 50	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 25	< 25	4.1	2	3.1	2.7	< 125	< 50	2.4
Trichloroethene	79-01-6	290	< 60	703	74.6	808	52.4	376	163	140
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	534	171	1040	1420	1170	1290	3060	2480	2640
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-273	KC01-273	KC01-274	KC01-274	KC01-274	KC01-274	KC01-274	KC01-274	KC01-275
		5/10/2011	11/1/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009
		KC01-273L-110510-01	KC01-273L-111101-01	KC01-274L-090406-01	KC01-274L-091009-01	KC01-274L-100329-01	KC01-274L-101008-01	KC01-274L-110510-01	KC01-274L-111102-01	KC01-275L-090406-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 50	< 50	< 10	< 10	< 10
Benzene	71-43-2	51.2	42.5	< 2	< 2	< 10	< 10	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 25	< 25	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	26.3	27.6	< 0.7	< 0.7	< 3.5	< 3.5	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	9.5	2.5 B	< 1	< 1	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	32.8	33.8	< 1	< 1	< 5	< 5	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	13.3	16.4	< 0.7	< 0.7	< 3.5	< 3.5	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	14.9	13.8	1.5	< 1.3	< 6.5	< 6.5	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	11900	9550	276	295	210	287	21.8	239	18.2
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 25	< 25	< 10	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 25	< 25	< 5	< 5	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-273	KC01-273	KC01-274	KC01-274	KC01-274	KC01-274	KC01-274	KC01-274	KC01-275
		5/10/2011	11/1/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009
		KC01-273L-110510-01	KC01-273L-111101-01	KC01-274L-090406-01	KC01-274L-091009-01	KC01-274L-100329-01	KC01-274L-101008-01	KC01-274L-110510-01	KC01-274L-111102-01	KC01-275L-090406-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	2.9	2.3	< 2	< 2	< 10	< 10	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	1.3	< 1	< 0.5	< 0.5	< 2.5	< 2.5	< 1	< 1	< 0.5
Trichloroethene	79-01-6	126	83.3	< 1.2	< 1.2	< 6	< 6	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	2990	2490	14.2	59	28.6	37.8	54.7	74.1	9.3
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
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Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-275	KC01-275	KC01-275	KC01-275	KC01-275	KC01-276	KC01-276	KC01-276	KC01-276
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009	11/5/2009	3/29/2010	10/8/2010
		KC01-275L-091009-01	KC01-275L-100329-01	KC01-275L-101008-01	KC01-275L-110510-01	KC01-275L-111102-01	KC01-276L-090406-01	KC01-276L-091105-01	KC01-276L-100329-01	KC01-276L-101008-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10				
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 400	< 500	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	10.1	< 5	< 5				
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 140	< 175	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 1				
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 200	< 250	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 140	< 175	1
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.55	< 100	< 125	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	20.4	< 260	< 325	18.5
Dichloroethene, 1,2- (Total)	540-59-0	23.3	21.1	29.4	16.6	242	8960	11300	7840	7490
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4						< 2	456	< 500	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 10				
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 1000	< 1250	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-275	KC01-275	KC01-275	KC01-275	KC01-275	KC01-276	KC01-276	KC01-276	KC01-276
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009	11/5/2009	3/29/2010	10/8/2010
		KC01-275L-091009-01	KC01-275L-100329-01	KC01-275L-101008-01	KC01-275L-110510-01	KC01-275L-111102-01	KC01-276L-090406-01	KC01-276L-091105-01	KC01-276L-100329-01	KC01-276L-101008-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	831	415	665	682
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 400	< 500	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 100	< 125	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 1				
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	39200	17800	28300	27900 E
Trichlorofluoromethane	75-69-4						< 1	< 200	< 250	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-							< 5	< 1000	< 1250	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	20.4	27	35.4	44.8	60.6	136	438	< 450	383
Xylene, o-	95-47-6									
Xylenes	1330-20-7						< 7	< 1400	< 1750	< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2						< 5	< 50	< 5	< 5
Aroclor 1221	11104-28-2						< 5	< 50	< 5	< 5
Aroclor 1232	11141-16-5						< 5	< 50	< 5	< 5
Aroclor 1242	53469-21-9						83.2	328	61.9	93.6
Aroclor 1248	12672-29-6						< 5	< 50	< 5	< 5
Aroclor 1254	11097-69-1						< 5	< 50	< 5	< 5
Aroclor 1260	11096-82-5						< 5	< 50	< 5	< 5

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-276	KC01-276	KC01-277	KC01-277	KC01-277	KC01-277	KC01-277	KC01-277	KC01-278
		5/10/2011	11/1/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009
		KC01-276L-110510-01	KC01-276L-111101-01	KC01-277L-090406-01	KC01-277L-091009-01	KC01-277L-100329-01	KC01-277L-101008-01	KC01-277L-110510-01	KC01-277L-111102-01	KC01-278L-090406-01
VOCs										
Acetone	67-64-1			< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0			< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3			< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	0.92	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	35.9	39.4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	7110	3150	11.5	4.1	6.9	2	1.3	0.53	0.77
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2							
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 5	< 5	< 5	< 5	< 10	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-276	KC01-276	KC01-277	KC01-277	KC01-277	KC01-277	KC01-277	KC01-277	KC01-278
		5/10/2011	11/1/2011	4/6/2009	10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	4/6/2009
		KC01-276L-110510-01	KC01-276L-111101-01	KC01-277L-090406-01	KC01-277L-091009-01	KC01-277L-100329-01	KC01-277L-101008-01	KC01-277L-110510-01	KC01-277L-111102-01	KC01-278L-090406-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	605	259	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5			< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5
Trichloroethene	79-01-6	28900	11700	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1							
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5							
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	532	< 900	< 1.8	2.5	3.9	3.8	2.7	2.6	2.6
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7							
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 50	< 0.5							
Aroclor 1221	11104-28-2	< 50	< 0.5							
Aroclor 1232	11141-16-5	< 50	< 0.5							
Aroclor 1242	53469-21-9	217	88.8							
Aroclor 1248	12672-29-6	< 50	< 0.5							
Aroclor 1254	11097-69-1	< 50	< 0.5							
Aroclor 1260	11096-82-5	< 50	< 0.5							

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-278	KC01-278	KC01-278	KC01-278	KC01-278	KC06-01	KC06-01	KC06-01	KC06-01
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC01-278L-091009-01	KC01-278L-100329-01	KC01-278L-101008-01	KC01-278L-110510-01	KC01-278L-111102-01	KC06-01L-0308	KC06-01L-0908	KC06-01L-0309	KC06-01L-0909
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 25	< 25	< 25	< 25
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromobenzene	108-86-1						< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4						< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2						< 1	< 1	< 1	< 1
Bromomethane	74-83-9						< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8						< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8						< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6						< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5						< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3						< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3						< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8						< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4						< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5						< 0.5	< 0.5	< 0.5	< 0.5
Dibromo-3-chloropropane, 1,2-	96-12-8						< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1						< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4						< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3						< 1	< 1	< 1	< 1
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1						< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7						< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8						< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0	2.2	11.9	0.56	1.1	242				
Dichloroethylene, 1,2-cis-	156-59-2						0.9	0.7	0.9	0.7
Dichloroethylene, 1,2-trans-	156-60-5						< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5						< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,3-	142-28-9						< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7						< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6						< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6						< 1	< 1	< 1	< 1
Ethylbenzene	100-41-4						< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3						< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6						< 25	< 25	< 25	< 25
Isopropylbenzene (Cumene)	98-82-8						< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6						< 0.5	< 0.5	< 0.5	< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 10	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 25	< 25	< 25	< 25

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC01-278	KC01-278	KC01-278	KC01-278	KC01-278	KC06-01	KC06-01	KC06-01	KC06-01
		10/9/2009	3/29/2010	10/8/2010	5/10/2011	11/2/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC01-278L-091009-01	KC01-278L-100329-01	KC01-278L-101008-01	KC01-278L-110510-01	KC01-278L-111102-01	KC06-01L-0308	KC06-01L-0908	KC06-01L-0309	KC06-01L-0909
Methyl tert-Butyl Ether (MTBE)	1634-04-4						< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	75-09-2						< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3						< 1	< 1	< 1	< 1
Propylbenzene, n-	103-65-1						< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5						< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6						< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5						< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6						< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1						< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1	0.8	0.6	0.6	< 0.5
Trichlorofluoromethane	75-69-4						< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4						< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6						< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8						< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Chloride	75-01-4	2.3	8.5	< 1.8	4.6	77.4	< 0.5	< 0.5	< 0.5	< 0.5
Xylene, o-	95-47-6						< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p							< 1	< 1	< 1	< 1
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC06-01	KC06-01	KC06-02	KC06-02	KC06-02	KC06-02	KC06-02	KC06-02	KC06-03
		3/29/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	9/16/2008
		KC06-01L-0310	KC06-01L-0910	KC06-02L-0308	KC06-02L-0908	KC06-02L-0309	KC06-02L-0909	KC06-02L-0310	KC06-02L-0910	KC06-03L-0908
VOCs										
Acetone	67-64-1	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Benzene	71-43-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromobenzene	108-86-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	74-83-9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	108-90-7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromo-3-chloropropane, 1,2-	96-12-8	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,2-	95-50-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	0.6	0.7	0.6	0.9	0.5	0.7	0.6	0.8	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,3-	142-28-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	100-41-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Isopropylbenzene (Cumene)	98-82-8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC06-01	KC06-01	KC06-02	KC06-02	KC06-02	KC06-02	KC06-02	KC06-02	KC06-03
		3/29/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	9/16/2008
		KC06-01L-0310	KC06-01L-0910	KC06-02L-0308	KC06-02L-0908	KC06-02L-0309	KC06-02L-0909	KC06-02L-0310	KC06-02L-0910	KC06-03L-0908
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	75-09-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Propylbenzene, n-	103-65-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Chloride	75-01-4	< 0.5	< 0.5	1.3	1	1.6	0.7	1	0.6	< 0.5
Xylene, o-	95-47-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC06-03	KC06-03	KC06-03	KC06-03
		3/17/2009	9/15/2009	3/29/2010	9/14/2010
		KC06-03L-0309	KC06-03L-0909	KC06-03L-0310	KC06-03L-0910
VOCs					
Acetone	67-64-1	< 25	< 25	< 25	< 25
Benzene	71-43-2	< 0.5	< 0.5	< 0.5	< 5
Bromobenzene	108-86-1	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2	< 1	< 1	< 1	< 1
Bromomethane	74-83-9	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	108-90-7	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromo-3-chloropropane, 1,2-	96-12-8	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,2-	95-50-1	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0				
Dichloroethylene, 1,2-cis-	156-59-2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,3-	142-28-9	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 1	< 1	< 1	< 1
Ethylbenzene	100-41-4	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6	< 25	< 25	< 25	< 25
Isopropylbenzene (Cumene)	98-82-8	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6	< 0.5	< 0.5	< 0.5	< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 25	< 25	< 25	< 25

Table A-19
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC00-KC06
Bannister Federal Complex

Chemical	CAS	KC06-03	KC06-03	KC06-03	KC06-03
		3/17/2009	9/15/2009	3/29/2010	9/14/2010
		KC06-03L-0309	KC06-03L-0909	KC06-03L-0310	KC06-03L-0910
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	75-09-2	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3	< 1	< 1	< 1	< 1
Propylbenzene, n-	103-65-1	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-					
Trimethylbenzene, 1,2,4-	95-63-6	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Chloride	75-01-4	< 0.5	< 0.5	< 0.5	< 0.5
Xylene, o-	95-47-6	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7				
Xylenes, m & p		< 1	< 1	< 1	< 1
PCBs and Dioxins					
Aroclor 1016	12674-11-2				
Aroclor 1221	11104-28-2				
Aroclor 1232	11141-16-5				
Aroclor 1242	53469-21-9				
Aroclor 1248	12672-29-6				
Aroclor 1254	11097-69-1				
Aroclor 1260	11096-82-5				

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006
		4/15/2009	9/23/2009	9/23/2009	9/23/2009	4/1/2010	9/30/2010	9/30/2010	9/30/2010	10/14/2011
		KC84-006L-090415-01	KC84-006L-090923-01	KC84-006M-090923-01	KC84-006U-090923-01	KC84-006L-100401-01	KC84-006L-100930-01	KC84-006M-100930-01	KC84-006U-100930-01	KC84-006L-111014-01
VOCs										
Acetone	67-64-1						< 10	< 10	< 10	
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0						< 5	< 5	< 5	
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3						< 0.5	< 0.5	< 0.5	
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	132	125	159	0.91	113	99.5	68.5	0.69	61.7
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2				< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3						< 5	< 5	< 5	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006	KC84-006
		4/15/2009	9/23/2009	9/23/2009	9/23/2009	4/1/2010	9/30/2010	9/30/2010	9/30/2010	10/14/2011
		KC84-006L-090415-01	KC84-006L-090923-01	KC84-006M-090923-01	KC84-006U-090923-01	KC84-006L-100401-01	KC84-006L-100930-01	KC84-006M-100930-01	KC84-006U-100930-01	KC84-006L-111014-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5						< 0.5	< 0.5	< 0.5	
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1				< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5				< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	3.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7				< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5								
Aroclor 1221	11104-28-2	< 0.5								
Aroclor 1232	11141-16-5	< 0.5								
Aroclor 1242	53469-21-9	< 0.5								
Aroclor 1248	12672-29-6	< 0.5								
Aroclor 1254	11097-69-1	< 0.5								
Aroclor 1260	11096-82-5	< 0.5								

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-006	KC84-006	KC84-015	KC84-015	KC84-015	KC84-015	KC84-015	KC84-015	KC84-016
		10/14/2011	10/14/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	3/17/2008
		KC84-006M-111014-01	KC84-006U-111014-01	KC84-015L-0308	KC84-015L-0908	KC84-015L-0309	KC84-015L-0909	KC84-015L-0310	KC84-015L-0910	KC84-016L-0308-01
VOCs										
Acetone	67-64-1			< 25	< 25	< 25	< 25	< 25	< 25	< 100
Benzene	71-43-2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Bromobenzene	108-86-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Bromodichloromethane	75-27-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Bromoform	75-25-2			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Bromomethane	74-83-9			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Butylbenzene, n-	104-51-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Butylbenzene, sec-	135-98-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Butylbenzene, tert-	98-06-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Carbon Disulfide	75-15-0			< 5	< 5	< 5	< 5	< 5	< 5	< 20
Carbon Tetrachloride	56-23-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	202
Chloroethane	75-00-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Chloroform	67-66-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Chloromethane	74-87-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Chlorotoluene, o-	95-49-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Chlorotoluene, p-	106-43-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
cis-1,3-Dichloropropene	10061-01-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dibromo-3-chloropropane, 1,2-	96-12-8			< 10	< 10	< 10	< 10	< 10	< 10	< 40
Dibromochloromethane	124-48-1			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Dibromoethane, 1,2-	106-93-4			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Dibromomethane (Methylene Bromide)	74-95-3			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichlorobenzene, 1,3-	541-73-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichlorobenzene, 1,4-	106-46-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3
Dichlorodifluoromethane	75-71-8			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloroethene, 1,2- (Total)	540-59-0	48.6	< 0.5							
Dichloroethylene, 1,2-cis-	156-59-2			20.4	23.1	26	21	23.4	19.7	6.3
Dichloroethylene, 1,2-trans-	156-60-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloropropane, 1,2-	78-87-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloropropane, 1,3-	142-28-9			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloropropane, 2,2-	594-20-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloropropene, 1,1-	563-58-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Dichloropropene, trans-1,3-	10061-02-6			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Ethylbenzene	100-41-4	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Hexachlorobutadiene	87-68-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Hexanone, 2-	591-78-6			< 25	< 25	< 25	< 25	< 25	< 25	< 100
Isopropylbenzene (Cumene)	98-82-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Isopropyltoluene, p-	99-87-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 25	< 25	< 25	< 25	< 25	< 25	< 100
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 25	< 25	< 25	< 25	< 25	< 25	< 100

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-006	KC84-006	KC84-015	KC84-015	KC84-015	KC84-015	KC84-015	KC84-015	KC84-016
		10/14/2011	10/14/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	3/17/2008
		KC84-006M-111014-01	KC84-006U-111014-01	KC84-015L-0308	KC84-015L-0908	KC84-015L-0309	KC84-015L-0909	KC84-015L-0310	KC84-015L-0910	KC84-016L-0308-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Methylene Chloride	75-09-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Naphthalene	91-20-3			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Propylbenzene, n-	103-65-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Styrene	100-42-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Tetrachloroethane, 1,1,1,2-	630-20-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Tetrachloroethane, 1,1,2,2-	79-34-5			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Toluene	108-88-3	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Trichlorobenzene, 1,2,3-	87-61-6			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Trichlorobenzene, 1,2,4-	120-82-1			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Trichloroethane, 1,1,2-	79-00-5			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Trichloroethene	79-01-6	< 1.2	< 1.2	1.1	0.6	0.6	0.5	1	< 0.5	< 2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 4
Trichloropropane, 1,2,3-	96-18-4			< 1	< 1	< 1	< 1	< 1	< 1	< 4
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5							
Trimethylbenzene, 1,2,4-	95-63-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Trimethylbenzene, 1,3,5-	108-67-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Vinyl Chloride	75-01-4	4.3	< 1.8	1.1	1	1.3	0.9	1	< 0.5	10
Xylene, o-	95-47-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Xylenes	1330-20-7	< 7	< 7							
Xylenes, m & p				< 1	< 1	< 1	< 1	< 1	< 1	< 4
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-016	KC84-016	KC84-016	KC84-016	KC84-016	KC84-018	KC84-018	KC84-018	KC84-018
		9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	9/23/2009	9/23/2009	9/23/2009	10/5/2010
		KC84-016L-0908-01	KC84-016L-0309-01	KC84-016L-0909-01	KC84-016L-0310-01	KC84-016L-0910	KC84-018L-090923-01	KC84-018M-090923-01	KC84-018U-090923-01	KC84-018L-101005-01
VOCs										
Acetone	67-64-1	< 63	< 130	< 100	< 100	< 100	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 1	< 3	< 2	< 2	< 2	22.1	4.2	< 2	21.1
Bromobenzene	108-86-1	< 1	< 3	< 2	< 2	< 2				
Bromodichloromethane	75-27-4	< 1	< 3	< 2	< 2	< 2				
Bromoform	75-25-2	< 2.5	< 5	< 4	< 4	< 4				
Bromomethane	74-83-9	< 2.5	< 5	< 4	< 4	< 4				
Butylbenzene, n-	104-51-8	< 1	< 3	< 2	< 2	< 2				
Butylbenzene, sec-	135-98-8	< 1	< 3	< 2	< 2	< 2				
Butylbenzene, tert-	98-06-6	< 1	< 3	< 2	< 2	< 2				
Carbon Disulfide	75-15-0	< 13	< 25	< 20	< 20	< 20	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 1	< 3	< 2	< 2	< 2				
Chlorobenzene	108-90-7	156	209	202	243	42.1	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3	< 1	< 3	< 2	< 2	< 2				
Chloroform	67-66-3	< 1	< 3	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3	< 1	< 3	< 2	< 2	< 2				
Chlorotoluene, o-	95-49-8	< 1	< 3	< 2	< 2	< 2				
Chlorotoluene, p-	106-43-4	< 1	< 3	< 2	< 2	< 2				
cis-1,3-Dichloropropene	10061-01-5	< 1	< 3	< 2	< 2	< 2				
Dibromo-3-chloropropane, 1,2-	96-12-8	< 30	< 50	< 40	< 40	< 40				
Dibromochloromethane	124-48-1	< 2.5	< 5	< 4	< 4	< 4				
Dibromoethane, 1,2-	106-93-4	< 2.5	< 5	< 4	< 4	< 4				
Dibromomethane (Methylene Bromide)	74-95-3	< 2.5	< 5	< 4	< 4	< 4				
Dichlorobenzene, 1,2-	95-50-1	< 1	< 3	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1	< 1	< 3	< 2	< 2	< 2				
Dichlorobenzene, 1,4-	106-46-7	2.7	3	3	3	< 2				
Dichlorodifluoromethane	75-71-8	< 2.5	< 5	< 4	< 4	< 4				
Dichloroethane, 1,1-	75-34-3	< 1	< 3	< 2	< 2	< 2	9.7	14.6	< 0.7	7.3
Dichloroethane, 1,2-	107-06-2	< 1	< 3	< 2	< 2	< 2	0.91	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1	< 3	< 2	< 2	< 2	4.8	2.3	< 1.3	4.1
Dichloroethene, 1,2- (Total)	540-59-0						1830	1540	< 0.5	1680
Dichloroethylene, 1,2-cis-	156-59-2	5.9	4	3	3	< 2				
Dichloroethylene, 1,2-trans-	156-60-5	< 1	< 3	< 2	< 2	< 2				
Dichloropropane, 1,2-	78-87-5	< 1	< 3	< 2	< 2	< 2				
Dichloropropane, 1,3-	142-28-9	< 1	< 3	< 2	< 2	< 2				
Dichloropropane, 2,2-	594-20-7	< 1	< 3	< 2	< 2	< 2				
Dichloropropene, 1,1-	563-58-6	< 1	< 3	< 2	< 2	< 2				
Dichloropropene, trans-1,3-	10061-02-6	< 2.5	< 5	< 4	< 4	< 4				
Ethylbenzene	100-41-4	< 1	< 3	< 2	< 2	< 2				
Hexachlorobutadiene	87-68-3	< 1	< 3	< 2	< 2	< 2				
Hexanone, 2-	591-78-6	< 63	< 130	< 100	< 100	< 100				
Isopropylbenzene (Cumene)	98-82-8	< 1	< 3	< 2	< 2	< 2				
Isopropyltoluene, p-	99-87-6	< 1	< 3	< 2	< 2	< 2				
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 63	< 130	< 100	< 100	< 100	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 63	< 130	< 100	< 100	< 100	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-016	KC84-016	KC84-016	KC84-016	KC84-016	KC84-018	KC84-018	KC84-018	KC84-018
		9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010	9/23/2009	9/23/2009	9/23/2009	10/5/2010
		KC84-016L-0908-01	KC84-016L-0309-01	KC84-016L-0909-01	KC84-016L-0310-01	KC84-016L-0910	KC84-018L-090923-01	KC84-018M-090923-01	KC84-018U-090923-01	KC84-018L-101005-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 1	< 3	< 2	< 2	< 2				
Methylene Chloride	75-09-2	< 1	< 3	< 2	< 2	< 2				
Naphthalene	91-20-3	< 2.5	< 5	< 4	< 4	< 4				
Propylbenzene, n-	103-65-1	< 1	< 3	< 2	< 2	< 2				
Styrene	100-42-5	< 1	< 3	< 2	< 2	< 2				
Tetrachloroethane, 1,1,1,2-	630-20-6	< 1	< 3	< 2	< 2	< 2				
Tetrachloroethane, 1,1,2,2-	79-34-5	< 2.5	< 5	< 4	< 4	< 4				
Tetrachloroethene	127-18-4	< 1	< 3	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 1	< 3	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6	< 2.5	< 5	< 4	< 4	< 4				
Trichlorobenzene, 1,2,4-	120-82-1	< 2.5	< 5	< 4	< 4	< 4				
Trichloroethane, 1,1,1-	71-55-6	< 1	< 3	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 2.5	< 5	< 4	< 4	< 4	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1	< 3	< 2	< 2	< 2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 2.5	< 5	< 4	< 4	< 4				
Trichloropropane, 1,2,3-	96-18-4	< 2.5	< 5	< 4	< 4	< 4				
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 1	< 3	< 2	< 2	< 2				
Trimethylbenzene, 1,3,5-	108-67-8	< 1	< 3	< 2	< 2	< 2				
Vinyl Chloride	75-01-4	5.2	5.8	2	5.2	< 2	920	167	< 1.8	892
Xylene, o-	95-47-6	< 1	< 3	< 2	< 2	< 2				
Xylenes	1330-20-7									
Xylenes, m & p		< 2.5	< 5	< 4	< 4	< 4				
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-024
		10/5/2010	10/5/2010	4/26/2011	4/26/2011	4/26/2011	10/20/2011	10/20/2011	10/20/2011	9/23/2009
		KC84-018M-101005-01	KC84-018U-101005-01	KC84-018L-110426-01	KC84-018M-110426-01	KC84-018U-110426-01	KC84-018L-111020-01	KC84-018M-111020-01	KC84-018U-111020-01	KC84-024L-090923-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	2.4	< 2	15.8	< 2	< 2	27.1	3.3	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	11.3	< 0.7	7	3.1	< 0.7	7.3	17.2	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	1.7	< 1.3	3	< 1.3	< 1.3	4	3.2	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	1230	< 0.5	1250	330	< 0.5	1630	1680	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-018	KC84-024
		10/5/2010	10/5/2010	4/26/2011	4/26/2011	4/26/2011	10/20/2011	10/20/2011	10/20/2011	9/23/2009
		KC84-018M-101005-01	KC84-018U-101005-01	KC84-018L-110426-01	KC84-018M-110426-01	KC84-018U-110426-01	KC84-018L-111020-01	KC84-018M-111020-01	KC84-018U-111020-01	KC84-024L-090923-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	180	< 1.8	810	< 1.8	< 1.8	1200	199	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-024	KC84-024	KC85-030	KC85-030	KC85-030	KC85-032	KC85-032	KC85-032	KC85-032
		10/5/2010	10/21/2011	9/25/2009	10/5/2010	10/18/2011	9/28/2009	9/28/2009	9/28/2009	10/4/2010
		KC84-024L-101005-01	KC84-024L-111021-01	KC85-030L-090925-01	KC85-030L-101005-01	KC85-030L-111018-01	KC85-032L-090928-01	KC85-032M-090928-01	KC85-032U-090928-01	KC85-032L-101004-01
VOCs										
Acetone	67-64-1	< 10	< 10							
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5							
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	0.57	< 1							
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	4.1	< 0.7	0.74	6.4
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	2.1	< 1.3	< 1.3	4.2
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	16.2	4.5	3	35.7
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4			< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 10							
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC84-024	KC84-024	KC85-030	KC85-030	KC85-030	KC85-032	KC85-032	KC85-032	KC85-032
		10/5/2010	10/21/2011	9/25/2009	10/5/2010	10/18/2011	9/28/2009	9/28/2009	9/28/2009	10/4/2010
		KC84-024L-101005-01	KC84-024L-111021-01	KC85-030L-090925-01	KC85-030L-101005-01	KC85-030L-111018-01	KC85-032L-090928-01	KC85-032M-090928-01	KC85-032U-090928-01	KC85-032L-101004-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 1							
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-				< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7			< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-032	KC85-032	KC85-032	KC85-032	KC85-032	KC85-032	KC85-033	KC85-033	KC85-033
		10/4/2010	10/4/2010	4/25/2011	10/25/2011	10/25/2011	10/25/2011	10/5/2009	10/5/2009	10/5/2009
		KC85-032M-101004-01	KC85-032U-101004-01	KC85-032U-110425-01	KC85-032L-111025-01	KC85-032M-111025-01	KC85-032U-111025-01	KC85-033L-091005-01	KC85-033M-091005-01	KC85-033U-091005-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	1.9	< 0.7	6.4	< 0.7	0.95	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	3.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	4.6	8.8	0.92	27.9	5.2	3.7	75.7	2.7	1.6
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-032	KC85-032	KC85-032	KC85-032	KC85-032	KC85-032	KC85-033	KC85-033	KC85-033
		10/4/2010	10/4/2010	4/25/2011	10/25/2011	10/25/2011	10/25/2011	10/5/2009	10/5/2009	10/5/2009
		KC85-032M-101004-01	KC85-032U-101004-01	KC85-032U-110425-01	KC85-032L-111025-01	KC85-032M-111025-01	KC85-032U-111025-01	KC85-033L-091005-01	KC85-033M-091005-01	KC85-033U-091005-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	169	1.5	2.6
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	2.2	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									< 0.5
Aroclor 1221	11104-28-2									< 0.5
Aroclor 1232	11141-16-5									< 0.5
Aroclor 1242	53469-21-9									< 0.5
Aroclor 1248	12672-29-6									< 0.5
Aroclor 1254	11097-69-1									< 0.5
Aroclor 1260	11096-82-5									< 0.5

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-033	KC85-033	KC85-033	KC85-033	KC85-033	KC85-033	KC85-034	KC85-034	KC85-034
		10/20/2010	10/20/2010	10/20/2010	10/31/2011	10/31/2011	10/31/2011	10/5/2009	10/5/2009	10/5/2009
		KC85-033L-101020-01	KC85-033M-101020-01	KC85-033U-101020-01	KC85-033L-111031-01	KC85-033M-111031-01	KC85-033U-111031-01	KC85-034L-091005-01	KC85-034M-091005-01	KC85-034U-091005-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 1	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	54	3.2	0.6	117	4.1	< 0.5	24.1	175	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-033	KC85-033	KC85-033	KC85-033	KC85-033	KC85-033	KC85-034	KC85-034	KC85-034
		10/20/2010	10/20/2010	10/20/2010	10/31/2011	10/31/2011	10/31/2011	10/5/2009	10/5/2009	10/5/2009
		KC85-033L-101020-01	KC85-033M-101020-01	KC85-033U-101020-01	KC85-033L-111031-01	KC85-033M-111031-01	KC85-033U-111031-01	KC85-034L-091005-01	KC85-034M-091005-01	KC85-034U-091005-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	1.1	< 0.5	< 0.5	2.7	< 0.5	< 0.5	8.7	4.6	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	112	1.8	< 1.2	171	2.7	1.3	42.4	24.8	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	13.5	14.5	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 1	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	2.1	< 1.8	< 1.8	7.3	45.3	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1221	11104-28-2			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1232	11141-16-5			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1242	53469-21-9			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1248	12672-29-6			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1254	11097-69-1			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83
Aroclor 1260	11096-82-5			< 0.5			< 0.5	< 0.5	< 0.5	< 0.83

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-034	KC85-034	KC85-034	KC85-034	KC85-034	KC85-034	KC85-035	KC85-035	KC85-035
		10/19/2010	10/19/2010	10/19/2010	10/31/2011	10/31/2011	10/31/2011	4/15/2009	9/29/2009	9/29/2009
		KC85-034L-101019-01	KC85-034M-101019-01	KC85-034U-101019-01	KC85-034L-111031-01	KC85-034M-111031-01	KC85-034U-111031-01	KC85-035L-090415-01	KC85-035L-090929-01	KC85-035U-090929-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	17.2	103	< 0.5	24.9	51.5	< 0.5	6.1	12	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-034	KC85-034	KC85-034	KC85-034	KC85-034	KC85-034	KC85-035	KC85-035	KC85-035
		10/19/2010	10/19/2010	10/19/2010	10/31/2011	10/31/2011	10/31/2011	4/15/2009	9/29/2009	9/29/2009
		KC85-034L-101019-01	KC85-034M-101019-01	KC85-034U-101019-01	KC85-034L-111031-01	KC85-034M-111031-01	KC85-034U-111031-01	KC85-035L-090415-01	KC85-035L-090929-01	KC85-035U-090929-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	5.2	3	< 0.5	6.1	2.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	28.1	19.7	< 1.2	33.3	16.3	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	7.7	9.9	< 1	5.5	6.3	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	7.1	32.6	< 1.8	4.4	11.4	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 1.4	< 0.5		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-035	KC85-035	KC85-035	KC85-035	KC85-035	KC85-037	KC85-037	KC85-037	KC85-037
		4/1/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/15/2009	9/23/2009	9/23/2009	9/23/2009
		KC85-035L-100401-01	KC85-035L-101004-01	KC85-035U-101004-01	KC85-035L-111018-01	KC85-035U-111018-01	KC85-037M-090415-01	KC85-037L-090923-01	KC85-037M-090923-01	KC85-037U-090923-01
VOCs										
Acetone	67-64-1						70.8	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	44.6
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0						< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3						2	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	0.85	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	4.1	5.9	< 1.3	11
Dichloroethene, 1,2- (Total)	540-59-0	9.6	13.9	1.4	7.1	< 0.5	1680	2960	117	31900
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2				
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3						< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-035	KC85-035	KC85-035	KC85-035	KC85-035	KC85-037	KC85-037	KC85-037	KC85-037
		4/1/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/15/2009	9/23/2009	9/23/2009	9/23/2009
		KC85-035L-100401-01	KC85-035L-101004-01	KC85-035U-101004-01	KC85-035L-111018-01	KC85-035U-111018-01	KC85-037M-090415-01	KC85-037L-090923-01	KC85-037M-090923-01	KC85-037U-090923-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	3.3
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5						< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	51.2	< 1.2	8.8
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1				
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5				
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	78	90.7	< 1.8	1780
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7				
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037
		6/16/2010	6/16/2010	9/30/2010	9/30/2010	9/30/2010	4/25/2011	10/14/2011	10/14/2011	10/14/2011
		KC85-037M-100616-01	KC85-037U-100616-01	KC85-037L-100930-01	KC85-037M-100930-01	KC85-037U-100930-01	KC85-037U-110425-01	KC85-037L-111014-01	KC85-037M-111014-01	KC85-037U-111014-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	3.3	36.4	2.7	3.6	50	28.2	3.1	2.6	43.9
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	1	1.1	0.85	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	4.1	10.7	5.7	7.3	21.9	< 1.3	5.3	6.2	15.5
Dichloroethene, 1,2- (Total)	540-59-0	2680	25000	2380	2020	32700	19000	3180	1840	30400
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037	KC85-037
		6/16/2010	6/16/2010	9/30/2010	9/30/2010	9/30/2010	4/25/2011	10/14/2011	10/14/2011	10/14/2011
		KC85-037M-100616-01	KC85-037U-100616-01	KC85-037L-100930-01	KC85-037M-100930-01	KC85-037U-100930-01	KC85-037U-110425-01	KC85-037L-111014-01	KC85-037M-111014-01	KC85-037U-111014-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	2.7	< 2	< 2	6	< 2	< 2	< 2	3.2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Trichloroethene	79-01-6	1.4	2.3	30.1	< 1.2	8.6	4.6	15.1	< 1.2	10.3
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	67.7	1640	139	121	2860	< 1.8	111	87.8	2480
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038
		9/23/2009	9/23/2009	9/23/2009	9/30/2010	9/30/2010	9/30/2010	10/14/2011	10/14/2011	10/14/2011
		KC85-038L-090923-01	KC85-038M-090923-01	KC85-038U-090923-01	KC85-038L-100930-01	KC85-038M-100930-01	KC85-038U-100930-01	KC85-038L-111014-01	KC85-038M-111014-01	KC85-038U-111014-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038	KC85-038
		9/23/2009	9/23/2009	9/23/2009	9/30/2010	9/30/2010	9/30/2010	10/14/2011	10/14/2011	10/14/2011
		KC85-038L-090923-01	KC85-038M-090923-01	KC85-038U-090923-01	KC85-038L-100930-01	KC85-038M-100930-01	KC85-038U-100930-01	KC85-038L-111014-01	KC85-038M-111014-01	KC85-038U-111014-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039
		4/15/2009	9/18/2009	9/18/2009	9/18/2009	4/1/2010	10/5/2010	10/5/2010	10/5/2010	10/20/2011
		KC85-039L-090415-01	KC85-039L-090918-01	KC85-039M-090918-01	KC85-039U-090918-01	KC85-039L-100401-01	KC85-039L-101005-01	KC85-039M-101005-01	KC85-039U-101005-01	KC85-039L-111020-01
VOCs										
Acetone	67-64-1	59	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	13.7	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	0.99	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	165	131	5	< 0.5	102	70.3	3.5	< 0.5	46.4
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039	KC85-039
		4/15/2009	9/18/2009	9/18/2009	9/18/2009	4/1/2010	10/5/2010	10/5/2010	10/5/2010	10/20/2011
		KC85-039L-090415-01	KC85-039L-090918-01	KC85-039M-090918-01	KC85-039U-090918-01	KC85-039L-100401-01	KC85-039L-101005-01	KC85-039M-101005-01	KC85-039U-101005-01	KC85-039L-111020-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	25.8	28	17.4	< 1.8	39.7	36.6	4.4	< 1.8	23
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-039	KC85-039	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040
		10/20/2011	10/20/2011	9/23/2009	9/23/2009	9/23/2009	10/5/2010	10/5/2010	10/5/2010	10/20/2011
		KC85-039M-111020-01	KC85-039U-111020-01	KC85-040L-090923-01	KC85-040M-090923-01	KC85-040U-090923-01	KC85-040L-101005-01	KC85-040M-101005-01	KC85-040U-101005-01	KC85-040L-111020-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	16.6	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	2.6	< 0.5	2.1	1.3	< 0.5	1.5	0.86	< 0.5	1.8
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-039	KC85-039	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040	KC85-040
		10/20/2011	10/20/2011	9/23/2009	9/23/2009	9/23/2009	10/5/2010	10/5/2010	10/5/2010	10/20/2011
		KC85-039M-111020-01	KC85-039U-111020-01	KC85-040L-090923-01	KC85-040M-090923-01	KC85-040U-090923-01	KC85-040L-101005-01	KC85-040M-101005-01	KC85-040U-101005-01	KC85-040L-111020-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	5.5	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-040	KC85-040	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041
		10/20/2011	10/20/2011	3/17/2009	3/17/2009	9/15/2009	9/15/2009	3/29/2010	3/29/2010	9/14/2010
		KC85-040M-111020-01	KC85-040U-111020-01	KC85-041L-0309	KC85-041U-0309	KC85-041L-0909	KC85-041U-0909	KC85-041L-0310	KC85-041U-0310	KC85-041L-0910
VOCs										
Acetone	67-64-1	< 10	< 10	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Benzene	71-43-2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromobenzene	108-86-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	74-83-9			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromo-3-chloropropane, 1,2-	96-12-8			< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0	1.1	< 0.5							
Dichloroethylene, 1,2-cis-	156-59-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,3-	142-28-9			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	100-41-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6			< 25	< 25	< 25	< 25	< 25	< 25	< 25
Isopropylbenzene (Cumene)	98-82-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 25	< 25	< 25	< 25	< 25	< 25	< 25

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-040	KC85-040	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041	KC85-041
		10/20/2011	10/20/2011	3/17/2009	3/17/2009	9/15/2009	9/15/2009	3/29/2010	3/29/2010	9/14/2010
		KC85-040M-111020-01	KC85-040U-111020-01	KC85-041L-0309	KC85-041U-0309	KC85-041L-0909	KC85-041U-0909	KC85-041L-0310	KC85-041U-0310	KC85-041L-0910
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	75-09-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Propylbenzene, n-	103-65-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	75-69-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylene, o-	95-47-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p				< 1	< 1	< 1	< 1	< 1	< 1	< 1
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-041	KC85-041	KC85-041	KC85-042	KC85-042	KC85-042	KC85-042	KC85-042	KC85-042
		9/14/2010	10/17/2011	10/17/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010
		KC85-041U-0910	KC85-041L-111017-01	KC85-041U-111017-01	KC85-042L-0308	KC85-042L-0908	KC85-042L-0309	KC85-042L-0909	KC85-042L-0310	KC85-042L-0910
VOCs										
Acetone	67-64-1	< 25	< 10	< 10	< 25	< 25	< 25	< 25	< 25	< 25
Benzene	71-43-2	< 0.5	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromobenzene	108-86-1	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	74-83-9	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	108-90-7	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, o-	95-49-8	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromo-3-chloropropane, 1,2-	96-12-8	< 10			< 10	< 10	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,2-	95-50-1	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0		< 0.5	< 0.5						
Dichloroethylene, 1,2-cis-	156-59-2	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,3-	142-28-9	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	100-41-4	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6	< 25			< 25	< 25	< 25	< 25	< 25	< 25
Isopropylbenzene (Cumene)	98-82-8	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 25	< 10	< 10	< 25	< 25	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 25	< 5	< 5	< 25	< 25	< 25	< 25	< 25	< 25

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-041	KC85-041	KC85-041	KC85-042	KC85-042	KC85-042	KC85-042	KC85-042	KC85-042
		9/14/2010	10/17/2011	10/17/2011	3/17/2008	9/16/2008	3/17/2009	9/15/2009	3/29/2010	9/14/2010
		KC85-041U-0910	KC85-041L-111017-01	KC85-041U-111017-01	KC85-042L-0308	KC85-042L-0908	KC85-042L-0309	KC85-042L-0909	KC85-042L-0310	KC85-042L-0910
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	75-09-2	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Propylbenzene, n-	103-65-1	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 0.5	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	< 0.5	< 1.2	< 1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	75-69-4	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4	< 1			< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Chloride	75-01-4	< 0.5	< 1.8	< 1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylene, o-	95-47-6	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p		< 1			< 1	< 1	< 1	< 1	< 1	< 1
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043
		9/24/2009	9/24/2009	9/24/2009	10/7/2010	10/7/2010	10/7/2010	10/18/2011	10/18/2011	10/18/2011
		KC85-043L-090924-01	KC85-043M-090924-01	KC85-043U-090924-01	KC85-043L-101007-01	KC85-043M-101007-01	KC85-043U-101007-01	KC85-043L-111018-01	KC85-043M-111018-01	KC85-043U-111018-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043	KC85-043
		9/24/2009	9/24/2009	9/24/2009	10/7/2010	10/7/2010	10/7/2010	10/18/2011	10/18/2011	10/18/2011
		KC85-043L-090924-01	KC85-043M-090924-01	KC85-043U-090924-01	KC85-043L-101007-01	KC85-043M-101007-01	KC85-043U-101007-01	KC85-043L-111018-01	KC85-043M-111018-01	KC85-043U-111018-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-044	KC85-044	KC85-044	KC85-044	KC85-044	KC85-044	KC85-045	KC85-045	KC85-045
		4/14/2009	10/2/2009	3/30/2010	10/18/2010	5/6/2011	10/31/2011	9/16/2009	9/16/2009	10/6/2010
		KC85-044L-090414-01	KC85-044L-091002-01	KC85-044L-100330-01	KC85-044L-101018-01	KC85-044L-110506-01	KC85-044L-111031-01	KC85-045L-090916-01	KC85-045U-090916-01	KC85-045L-101006-01
VOCs										
Acetone	67-64-1							< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0							< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3							< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	541	241	371
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2			
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3							< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-044	KC85-044	KC85-044	KC85-044	KC85-044	KC85-044	KC85-045	KC85-045	KC85-045
		4/14/2009	10/2/2009	3/30/2010	10/18/2010	5/6/2011	10/31/2011	9/16/2009	9/16/2009	10/6/2010
		KC85-044L-090414-01	KC85-044L-091002-01	KC85-044L-100330-01	KC85-044L-101018-01	KC85-044L-110506-01	KC85-044L-111031-01	KC85-045L-090916-01	KC85-045U-090916-01	KC85-045L-101006-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5							< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1			
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 1	< 5			
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7			
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-045	KC85-045	KC85-045	KC86-051	KC86-051	KC86-051	KC86-051	KC86-051	KC86-051
		10/6/2010	10/21/2011	10/21/2011	9/18/2009	9/18/2009	10/15/2010	10/15/2010	10/25/2011	10/25/2011
		KC85-045U-101006-01	KC85-045L-111021-01	KC85-045U-111021-01	KC86-051L-090918-01	KC86-051U-090918-01	KC86-051L-101015-01	KC86-051U-101015-01	KC86-051L-111025-01	KC86-051U-111025-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 3.5	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 2.5	< 1	< 1
Chloromethane	74-87-3									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 3.5	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	1.5	< 1.3	< 1.3	< 1.3	< 1.3	< 6.5	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	231 E	552	271	< 0.5	1.6	< 0.5	8.8	< 0.5	1.2
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 10	< 10	< 5	< 5	< 5	< 25	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5

Table A-20
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC84-KC86
Bannister Federal Complex

Chemical	CAS	KC85-045	KC85-045	KC85-045	KC86-051	KC86-051	KC86-051	KC86-051	KC86-051	KC86-051
		10/6/2010	10/21/2011	10/21/2011	9/18/2009	9/18/2009	10/15/2010	10/15/2010	10/25/2011	10/25/2011
		KC85-045U-101006-01	KC85-045L-111021-01	KC85-045U-111021-01	KC86-051L-090918-01	KC86-051U-090918-01	KC86-051L-101015-01	KC86-051U-101015-01	KC86-051L-111025-01	KC86-051U-111025-01
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 2.5	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 6	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Chloride	75-01-4	< 1.8	1.9	< 1.8	< 1.8	< 1.8	< 1.8	< 9	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-067	KC87-067	KC87-068
		9/18/2009	9/18/2009	10/5/2010	10/5/2010	10/18/2011	10/18/2011	10/20/2011	10/20/2011	4/17/2009
		KC87-060L-090918-01	KC87-060U-090918-01	KC87-060L-101005-01	KC87-060U-101005-01	KC87-060L-111018-01	KC87-060U-111018-01	KC87-067L-111020-01	KC87-067U-111020-01	KC87-068L-090417-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	68.8	< 100	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	14.4	< 20	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	97.1	916	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	46.2	637	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	11.1	< 13	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	10900	5.6	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-067	KC87-067	KC87-068
		9/18/2009	9/18/2009	10/5/2010	10/5/2010	10/18/2011	10/18/2011	10/20/2011	10/20/2011	4/17/2009
		KC87-060L-090918-01	KC87-060U-090918-01	KC87-060L-101005-01	KC87-060U-101005-01	KC87-060L-111018-01	KC87-060U-111018-01	KC87-067L-111020-01	KC87-067U-111020-01	KC87-068L-090417-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 100	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	5.4	< 12	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	645	< 18	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-067	KC87-067	KC87-068
		9/18/2009	9/18/2009	10/5/2010	10/5/2010	10/18/2011	10/18/2011	10/20/2011	10/20/2011	4/17/2009
		KC87-060L-090918-01	KC87-060U-090918-01	KC87-060L-101005-01	KC87-060U-101005-01	KC87-060L-111018-01	KC87-060U-111018-01	KC87-067L-111020-01	KC87-067U-111020-01	KC87-068L-090417-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-067	KC87-067	KC87-068
		9/18/2009	9/18/2009	10/5/2010	10/5/2010	10/18/2011	10/18/2011	10/20/2011	10/20/2011	4/17/2009
		KC87-060L-090918-01	KC87-060U-090918-01	KC87-060L-101005-01	KC87-060U-101005-01	KC87-060L-111018-01	KC87-060U-111018-01	KC87-067L-111020-01	KC87-067U-111020-01	KC87-068L-090417-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-060	KC87-067	KC87-067	KC87-068
		9/18/2009	9/18/2009	10/5/2010	10/5/2010	10/18/2011	10/18/2011	10/20/2011	10/20/2011	4/17/2009
		KC87-060L-090918-01	KC87-060U-090918-01	KC87-060L-101005-01	KC87-060U-101005-01	KC87-060L-111018-01	KC87-060U-111018-01	KC87-067L-111020-01	KC87-067U-111020-01	KC87-068L-090417-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068
		4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011
		KC87-068U-090417-01	KC87-068L-090925-01	KC87-068U-090925-01	KC87-068L-100331-01	KC87-068U-100331-01	KC87-068L-101007-01	KC87-068U-101007-01	KC87-068L-110427-01	KC87-068U-110427-01
VOCs										
Acetone	67-64-1	< 10	11	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068
		4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011
		KC87-068U-090417-01	KC87-068L-090925-01	KC87-068U-090925-01	KC87-068L-100331-01	KC87-068U-100331-01	KC87-068L-101007-01	KC87-068U-101007-01	KC87-068L-110427-01	KC87-068U-110427-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068
		4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011
		KC87-068U-090417-01	KC87-068L-090925-01	KC87-068U-090925-01	KC87-068L-100331-01	KC87-068U-100331-01	KC87-068L-101007-01	KC87-068U-101007-01	KC87-068L-110427-01	KC87-068U-110427-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068
		4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011
		KC87-068U-090417-01	KC87-068L-090925-01	KC87-068U-090925-01	KC87-068L-100331-01	KC87-068U-100331-01	KC87-068L-101007-01	KC87-068U-101007-01	KC87-068L-110427-01	KC87-068U-110427-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068	KC87-068
		4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011	4/27/2011
		KC87-068U-090417-01	KC87-068L-090925-01	KC87-068U-090925-01	KC87-068L-100331-01	KC87-068U-100331-01	KC87-068L-101007-01	KC87-068U-101007-01	KC87-068L-110427-01	KC87-068U-110427-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069
		10/24/2011	4/14/2009	4/14/2009	9/28/2009	9/28/2009	4/2/2010	4/2/2010	10/15/2010	10/15/2010
		KC87-068L-111024-01	KC87-069L-090414-01	KC87-069U-090414-01	KC87-069L-090928-01	KC87-069U-090928-01	KC87-069L-100402-01	KC87-069U-100402-01	KC87-069L-101015-01	KC87-069U-101015-01
VOCs										
Acetone	67-64-1	< 10								
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 100	< 20	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5								
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 35	< 7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1								
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 50	< 10	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	5.7	< 0.7	7.2	< 0.7	< 35	< 7	4.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	46.9	< 1.3	28.4	< 1.3	< 65	< 13	26.4	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	9830	151	7200	140	8080	50.5	10500 E	125
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4		< 2	< 2	< 2	< 2	< 100	< 20	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069
		10/24/2011	4/14/2009	4/14/2009	9/28/2009	9/28/2009	4/2/2010	4/2/2010	10/15/2010	10/15/2010
		KC87-068L-111024-01	KC87-069L-090414-01	KC87-069U-090414-01	KC87-069L-090928-01	KC87-069U-090928-01	KC87-069L-100402-01	KC87-069U-100402-01	KC87-069L-101015-01	KC87-069U-101015-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10								
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 250	< 50	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	4.9	< 0.5	1.7	< 0.5	< 25	< 5	0.55	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 100	< 20	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1								
Trichloroethene	79-01-6	< 1.2	6700	164	6740	258	999	100	2450	306
Trichlorofluoromethane	75-69-4		< 1	< 1	< 1	< 1	< 50	< 10	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-			< 5	< 5	< 5	< 5	< 250	< 50	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	576	< 1.8	276	< 1.8	1510	< 18	288	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7		< 7	< 7	< 7	< 7	< 350	< 70	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069
		10/24/2011	4/14/2009	4/14/2009	9/28/2009	9/28/2009	4/2/2010	4/2/2010	10/15/2010	10/15/2010
		KC87-068L-111024-01	KC87-069L-090414-01	KC87-069U-090414-01	KC87-069L-090928-01	KC87-069U-090928-01	KC87-069L-100402-01	KC87-069U-100402-01	KC87-069L-101015-01	KC87-069U-101015-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069
		10/24/2011	4/14/2009	4/14/2009	9/28/2009	9/28/2009	4/2/2010	4/2/2010	10/15/2010	10/15/2010
		KC87-068L-111024-01	KC87-069L-090414-01	KC87-069U-090414-01	KC87-069L-090928-01	KC87-069U-090928-01	KC87-069L-100402-01	KC87-069U-100402-01	KC87-069L-101015-01	KC87-069U-101015-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-068	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069	KC87-069
		10/24/2011	4/14/2009	4/14/2009	9/28/2009	9/28/2009	4/2/2010	4/2/2010	10/15/2010	10/15/2010
		KC87-068L-111024-01	KC87-069L-090414-01	KC87-069U-090414-01	KC87-069L-090928-01	KC87-069U-090928-01	KC87-069L-100402-01	KC87-069U-100402-01	KC87-069L-101015-01	KC87-069U-101015-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2		< 0.5	< 0.5						
Aroclor 1221	11104-28-2		< 0.5	< 0.5						
Aroclor 1232	11141-16-5		< 0.5	< 0.5						
Aroclor 1242	53469-21-9		< 0.5	< 0.5						
Aroclor 1248	12672-29-6		< 0.5	< 0.5						
Aroclor 1254	11097-69-1		< 0.5	< 0.5						
Aroclor 1260	11096-82-5		< 0.5	< 0.5						
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-069	KC87-069	KC87-069	KC87-069	KC87-071	KC87-071	KC87-071	KC87-071	KC87-071
		4/25/2011	4/25/2011	10/19/2011	10/19/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011
		KC87-069L-110425-01	KC87-069U-110425-01	KC87-069L-111019-01	KC87-069U-111019-01	KC87-071L-090929-01	KC87-071U-090929-01	KC87-071L-101004-01	KC87-071U-101004-01	KC87-071L-110425-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	5.4	< 0.7	< 0.7	< 0.7	3.5	< 0.7	2.1	< 0.7	2.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	17.7	< 1.3	26.4	< 1.3	2.1	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	4950	55.1	7670	74.2	156	< 0.5	14.7	5.3	9
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-069	KC87-069	KC87-069	KC87-069	KC87-071	KC87-071	KC87-071	KC87-071	KC87-071
		4/25/2011	4/25/2011	10/19/2011	10/19/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011
		KC87-069L-110425-01	KC87-069U-110425-01	KC87-069L-111019-01	KC87-069U-111019-01	KC87-071L-090929-01	KC87-071U-090929-01	KC87-071L-101004-01	KC87-071U-101004-01	KC87-071L-110425-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	560	140	34.6	76.2	3.3	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	1620	< 1.8	1140	< 1.8	210	< 1.8	71.9	14.1	155
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-069	KC87-069	KC87-069	KC87-069	KC87-071	KC87-071	KC87-071	KC87-071	KC87-071
		4/25/2011	4/25/2011	10/19/2011	10/19/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011
		KC87-069L-110425-01	KC87-069U-110425-01	KC87-069L-111019-01	KC87-069U-111019-01	KC87-071L-090929-01	KC87-071U-090929-01	KC87-071L-101004-01	KC87-071U-101004-01	KC87-071L-110425-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-069	KC87-069	KC87-069	KC87-069	KC87-071	KC87-071	KC87-071	KC87-071	KC87-071
		4/25/2011	4/25/2011	10/19/2011	10/19/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011
		KC87-069L-110425-01	KC87-069U-110425-01	KC87-069L-111019-01	KC87-069U-111019-01	KC87-071L-090929-01	KC87-071U-090929-01	KC87-071L-101004-01	KC87-071U-101004-01	KC87-071L-110425-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-069	KC87-069	KC87-069	KC87-069	KC87-071	KC87-071	KC87-071	KC87-071	KC87-071
		4/25/2011	4/25/2011	10/19/2011	10/19/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011
		KC87-069L-110425-01	KC87-069U-110425-01	KC87-069L-111019-01	KC87-069U-111019-01	KC87-071L-090929-01	KC87-071U-090929-01	KC87-071L-101004-01	KC87-071U-101004-01	KC87-071L-110425-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-071	KC87-071	KC87-071	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072
		4/25/2011	10/24/2011	10/24/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011	4/25/2011
		KC87-071U-110425-01	KC87-071L-111024-01	KC87-071U-111024-01	KC87-072L-090929-01	KC87-072U-090929-01	KC87-072L-101004-01	KC87-072U-101004-01	KC87-072L-110425-01	KC87-072U-110425-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	3.4	< 0.7	1.2	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	2.9	52.8	2.1	94.2	< 0.5	9.5	< 0.5	2.9	0.57
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-071	KC87-071	KC87-071	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072
		4/25/2011	10/24/2011	10/24/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011	4/25/2011
		KC87-071U-110425-01	KC87-071L-111024-01	KC87-071U-111024-01	KC87-072L-090929-01	KC87-072U-090929-01	KC87-072L-101004-01	KC87-072U-101004-01	KC87-072L-110425-01	KC87-072U-110425-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	143	7	93.2	< 1.8	21.5	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-071	KC87-071	KC87-071	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072
		4/25/2011	10/24/2011	10/24/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011	4/25/2011
		KC87-071U-110425-01	KC87-071L-111024-01	KC87-071U-111024-01	KC87-072L-090929-01	KC87-072U-090929-01	KC87-072L-101004-01	KC87-072U-101004-01	KC87-072L-110425-01	KC87-072U-110425-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-071	KC87-071	KC87-071	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072
		4/25/2011	10/24/2011	10/24/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011	4/25/2011
		KC87-071U-110425-01	KC87-071L-111024-01	KC87-071U-111024-01	KC87-072L-090929-01	KC87-072U-090929-01	KC87-072L-101004-01	KC87-072U-101004-01	KC87-072L-110425-01	KC87-072U-110425-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-071	KC87-071	KC87-071	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072	KC87-072
		4/25/2011	10/24/2011	10/24/2011	9/29/2009	9/29/2009	10/4/2010	10/4/2010	4/25/2011	4/25/2011
		KC87-071U-110425-01	KC87-071L-111024-01	KC87-071U-111024-01	KC87-072L-090929-01	KC87-072U-090929-01	KC87-072L-101004-01	KC87-072U-101004-01	KC87-072L-110425-01	KC87-072U-110425-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-072	KC87-072	KC87-072	KC87-072	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073
		6/3/2011	6/3/2011	10/24/2011	10/24/2011	4/14/2009	4/15/2009	10/1/2009	10/1/2009	4/2/2010
		KC87-072L-110603-01	KC87-072U-110603-01	KC87-072L-111024-01	KC87-072U-111024-01	KC87-073U-090414-01	KC87-073L-090415-01	KC87-073L-091001-01	KC87-073U-091001-01	KC87-073L-100402-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 1	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	23.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-072	KC87-072	KC87-072	KC87-072	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073
		6/3/2011	6/3/2011	10/24/2011	10/24/2011	4/14/2009	4/15/2009	10/1/2009	10/1/2009	4/2/2010
		KC87-072L-110603-01	KC87-072U-110603-01	KC87-072L-111024-01	KC87-072U-111024-01	KC87-073U-090414-01	KC87-073L-090415-01	KC87-073L-091001-01	KC87-073U-091001-01	KC87-073L-100402-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	51.2	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-072	KC87-072	KC87-072	KC87-072	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073
		6/3/2011	6/3/2011	10/24/2011	10/24/2011	4/14/2009	4/15/2009	10/1/2009	10/1/2009	4/2/2010
		KC87-072L-110603-01	KC87-072U-110603-01	KC87-072L-111024-01	KC87-072U-111024-01	KC87-073U-090414-01	KC87-073L-090415-01	KC87-073L-091001-01	KC87-073U-091001-01	KC87-073L-100402-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-072	KC87-072	KC87-072	KC87-072	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073
		6/3/2011	6/3/2011	10/24/2011	10/24/2011	4/14/2009	4/15/2009	10/1/2009	10/1/2009	4/2/2010
		KC87-072L-110603-01	KC87-072U-110603-01	KC87-072L-111024-01	KC87-072U-111024-01	KC87-073U-090414-01	KC87-073L-090415-01	KC87-073L-091001-01	KC87-073U-091001-01	KC87-073L-100402-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-072	KC87-072	KC87-072	KC87-072	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073
		6/3/2011	6/3/2011	10/24/2011	10/24/2011	4/14/2009	4/15/2009	10/1/2009	10/1/2009	4/2/2010
		KC87-072L-110603-01	KC87-072U-110603-01	KC87-072L-111024-01	KC87-072U-111024-01	KC87-073U-090414-01	KC87-073L-090415-01	KC87-073L-091001-01	KC87-073U-091001-01	KC87-073L-100402-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2					< 0.5	< 0.5			
Aroclor 1221	11104-28-2					< 0.5	< 0.5			
Aroclor 1232	11141-16-5					< 0.5	< 0.5			
Aroclor 1242	53469-21-9					< 0.5	< 0.5			
Aroclor 1248	12672-29-6					< 0.5	< 0.5			
Aroclor 1254	11097-69-1					< 0.5	< 0.5			
Aroclor 1260	11096-82-5					< 0.5	< 0.5			
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-074	KC87-074
		4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011	10/18/2011	10/18/2011	4/16/2009	4/16/2009
		KC87-073U-100402-01	KC87-073L-101004-01	KC87-073U-101004-01	KC87-073L-110427-01	KC87-073U-110427-01	KC87-073L-111018-01	KC87-073U-111018-01	KC87-074L-090416-01	KC87-074U-090416-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-074	KC87-074
		4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011	10/18/2011	10/18/2011	4/16/2009	4/16/2009
		KC87-073U-100402-01	KC87-073L-101004-01	KC87-073U-101004-01	KC87-073L-110427-01	KC87-073U-110427-01	KC87-073L-111018-01	KC87-073U-111018-01	KC87-074L-090416-01	KC87-074U-090416-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-074	KC87-074
		4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011	10/18/2011	10/18/2011	4/16/2009	4/16/2009
		KC87-073U-100402-01	KC87-073L-101004-01	KC87-073U-101004-01	KC87-073L-110427-01	KC87-073U-110427-01	KC87-073L-111018-01	KC87-073U-111018-01	KC87-074L-090416-01	KC87-074U-090416-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-074	KC87-074
		4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011	10/18/2011	10/18/2011	4/16/2009	4/16/2009
		KC87-073U-100402-01	KC87-073L-101004-01	KC87-073U-101004-01	KC87-073L-110427-01	KC87-073U-110427-01	KC87-073L-111018-01	KC87-073U-111018-01	KC87-074L-090416-01	KC87-074U-090416-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-073	KC87-074	KC87-074
		4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011	10/18/2011	10/18/2011	4/16/2009	4/16/2009
		KC87-073U-100402-01	KC87-073L-101004-01	KC87-073U-101004-01	KC87-073L-110427-01	KC87-073U-110427-01	KC87-073L-111018-01	KC87-073U-111018-01	KC87-074L-090416-01	KC87-074U-090416-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2								< 0.5	< 0.5
Aroclor 1221	11104-28-2								< 0.5	< 0.5
Aroclor 1232	11141-16-5								< 0.5	< 0.5
Aroclor 1242	53469-21-9								< 0.5	< 0.5
Aroclor 1248	12672-29-6								< 0.5	< 0.5
Aroclor 1254	11097-69-1								< 0.5	< 0.5
Aroclor 1260	11096-82-5								< 0.5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074
		9/28/2009	9/28/2009	4/1/2010	4/1/2010	9/30/2010	9/30/2010	4/27/2011	4/27/2011	10/18/2011
		KC87-074L-090928-01	KC87-074U-090928-01	KC87-074L-100401-01	KC87-074U-100401-01	KC87-074L-100930-01	KC87-074U-100930-01	KC87-074L-110427-01	KC87-074U-110427-01	KC87-074L-111018-01
VOCs										
Acetone	67-64-1					< 10	< 10			
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0					< 5	< 5			
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3					< 0.5	< 0.5			
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2			< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074
		9/28/2009	9/28/2009	4/1/2010	4/1/2010	9/30/2010	9/30/2010	4/27/2011	4/27/2011	10/18/2011
		KC87-074L-090928-01	KC87-074U-090928-01	KC87-074L-100401-01	KC87-074U-100401-01	KC87-074L-100930-01	KC87-074U-100930-01	KC87-074L-110427-01	KC87-074U-110427-01	KC87-074L-111018-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3					< 5	< 5			
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5					< 0.5	< 0.5			
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5			< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7			< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074
		9/28/2009	9/28/2009	4/1/2010	4/1/2010	9/30/2010	9/30/2010	4/27/2011	4/27/2011	10/18/2011
		KC87-074L-090928-01	KC87-074U-090928-01	KC87-074L-100401-01	KC87-074U-100401-01	KC87-074L-100930-01	KC87-074U-100930-01	KC87-074L-110427-01	KC87-074U-110427-01	KC87-074L-111018-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074
		9/28/2009	9/28/2009	4/1/2010	4/1/2010	9/30/2010	9/30/2010	4/27/2011	4/27/2011	10/18/2011
		KC87-074L-090928-01	KC87-074U-090928-01	KC87-074L-100401-01	KC87-074U-100401-01	KC87-074L-100930-01	KC87-074U-100930-01	KC87-074L-110427-01	KC87-074U-110427-01	KC87-074L-111018-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074	KC87-074
		9/28/2009	9/28/2009	4/1/2010	4/1/2010	9/30/2010	9/30/2010	4/27/2011	4/27/2011	10/18/2011
		KC87-074L-090928-01	KC87-074U-090928-01	KC87-074L-100401-01	KC87-074U-100401-01	KC87-074L-100930-01	KC87-074U-100930-01	KC87-074L-110427-01	KC87-074U-110427-01	KC87-074L-111018-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075
		10/18/2011	4/9/2009	4/9/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC87-074U-111018-01	KC87-075L-090409-01	KC87-075U-090409-01	KC87-075L-090924-01	KC87-075U-090924-01	KC87-075L-100401-01	KC87-075U-100401-01	KC87-075L-101012-01	KC87-075U-101012-01
VOCs										
Acetone	67-64-1				29.8	< 10			< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0				< 5	< 5			< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3				< 0.5	< 0.5			< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2			< 2	< 2		
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075
		10/18/2011	4/9/2009	4/9/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC87-074U-111018-01	KC87-075L-090409-01	KC87-075U-090409-01	KC87-075L-090924-01	KC87-075U-090924-01	KC87-075L-100401-01	KC87-075U-100401-01	KC87-075L-101012-01	KC87-075U-101012-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3				< 5	< 5			< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5				< 0.5	< 0.5			< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1			< 1	< 1		
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5			< 5	< 5		
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7			< 7	< 7		
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075
		10/18/2011	4/9/2009	4/9/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC87-074U-111018-01	KC87-075L-090409-01	KC87-075U-090409-01	KC87-075L-090924-01	KC87-075U-090924-01	KC87-075L-100401-01	KC87-075U-100401-01	KC87-075L-101012-01	KC87-075U-101012-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075
		10/18/2011	4/9/2009	4/9/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC87-074U-111018-01	KC87-075L-090409-01	KC87-075U-090409-01	KC87-075L-090924-01	KC87-075U-090924-01	KC87-075L-100401-01	KC87-075U-100401-01	KC87-075L-101012-01	KC87-075U-101012-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-074	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075	KC87-075
		10/18/2011	4/9/2009	4/9/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC87-074U-111018-01	KC87-075L-090409-01	KC87-075U-090409-01	KC87-075L-090924-01	KC87-075U-090924-01	KC87-075L-100401-01	KC87-075U-100401-01	KC87-075L-101012-01	KC87-075U-101012-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2		< 0.5	< 0.5						
Aroclor 1221	11104-28-2		< 0.5	< 0.5						
Aroclor 1232	11141-16-5		< 0.5	< 0.5						
Aroclor 1242	53469-21-9		< 0.5	< 0.5						
Aroclor 1248	12672-29-6		< 0.5	< 0.5						
Aroclor 1254	11097-69-1		< 0.5	< 0.5						
Aroclor 1260	11096-82-5		< 0.5	< 0.5						
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-075	KC87-075	KC87-075	KC87-075	KC87-076	KC87-076	KC87-076	KC87-076	KC87-076
		5/9/2011	5/9/2011	10/25/2011	10/25/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010	10/24/2011
		KC87-075L-110509-01	KC87-075U-110509-01	KC87-075L-111025-01	KC87-075U-111025-01	KC87-076L-090916-01	KC87-076U-090916-01	KC87-076L-100930-01	KC87-076U-100930-01	KC87-076L-111024-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10			< 10	< 10	
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5			< 5	< 5	
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 1	< 1			< 0.5	< 0.5	
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	3.7	< 0.5	4.5	< 0.5	3.6
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4					< 2	< 2			< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-075	KC87-075	KC87-075	KC87-075	KC87-076	KC87-076	KC87-076	KC87-076	KC87-076
		5/9/2011	5/9/2011	10/25/2011	10/25/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010	10/24/2011
		KC87-075L-110509-01	KC87-075U-110509-01	KC87-075L-111025-01	KC87-075U-111025-01	KC87-076L-090916-01	KC87-076U-090916-01	KC87-076L-100930-01	KC87-076U-100930-01	KC87-076L-111024-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 10	< 10			< 5	< 5	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 1			< 0.5	< 0.5	
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4					< 1	< 1			< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-						< 5	< 5			< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	4.7	< 1.8	1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7					< 7	< 7			< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-075	KC87-075	KC87-075	KC87-075	KC87-076	KC87-076	KC87-076	KC87-076	KC87-076
		5/9/2011	5/9/2011	10/25/2011	10/25/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010	10/24/2011
		KC87-075L-110509-01	KC87-075U-110509-01	KC87-075L-111025-01	KC87-075U-111025-01	KC87-076L-090916-01	KC87-076U-090916-01	KC87-076L-100930-01	KC87-076U-100930-01	KC87-076L-111024-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-075	KC87-075	KC87-075	KC87-075	KC87-076	KC87-076	KC87-076	KC87-076	KC87-076
		5/9/2011	5/9/2011	10/25/2011	10/25/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010	10/24/2011
		KC87-075L-110509-01	KC87-075U-110509-01	KC87-075L-111025-01	KC87-075U-111025-01	KC87-076L-090916-01	KC87-076U-090916-01	KC87-076L-100930-01	KC87-076U-100930-01	KC87-076L-111024-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-075	KC87-075	KC87-075	KC87-075	KC87-076	KC87-076	KC87-076	KC87-076	KC87-076
		5/9/2011	5/9/2011	10/25/2011	10/25/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010	10/24/2011
		KC87-075L-110509-01	KC87-075U-110509-01	KC87-075L-111025-01	KC87-075U-111025-01	KC87-076L-090916-01	KC87-076U-090916-01	KC87-076L-100930-01	KC87-076U-100930-01	KC87-076L-111024-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-076	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077
		10/24/2011	9/24/2009	9/24/2009	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011
		KC87-076U-111024-01	KC88-077L-090924-01	KC88-077U-090924-01	KC88-077L-101005-01	KC88-077U-101005-01	KC88-077L-110426-01	KC88-077U-110426-01	KC88-077L-111021-01	KC88-077U-111021-01
VOCs										
Acetone	67-64-1		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3		< 0.5	< 0.5	0.54	0.57	< 0.5	< 0.5	< 1	< 1
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	234	< 0.5	543	0.92	170	< 0.5	307	1.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2								
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-076	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077
		10/24/2011	9/24/2009	9/24/2009	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011
		KC87-076U-111024-01	KC88-077L-090924-01	KC88-077U-090924-01	KC88-077L-101005-01	KC88-077U-101005-01	KC88-077L-110426-01	KC88-077U-110426-01	KC88-077L-111021-01	KC88-077U-111021-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1								
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5								
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	2.4	10.2	41.2	1.8	45.1	< 1.8	44.1	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7								
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-076	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077
		10/24/2011	9/24/2009	9/24/2009	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011
		KC87-076U-111024-01	KC88-077L-090924-01	KC88-077U-090924-01	KC88-077L-101005-01	KC88-077U-101005-01	KC88-077L-110426-01	KC88-077U-110426-01	KC88-077L-111021-01	KC88-077U-111021-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-076	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077
		10/24/2011	9/24/2009	9/24/2009	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011
		KC87-076U-111024-01	KC88-077L-090924-01	KC88-077U-090924-01	KC88-077L-101005-01	KC88-077U-101005-01	KC88-077L-110426-01	KC88-077U-110426-01	KC88-077L-111021-01	KC88-077U-111021-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC87-076	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077	KC88-077
		10/24/2011	9/24/2009	9/24/2009	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011
		KC87-076U-111024-01	KC88-077L-090924-01	KC88-077U-090924-01	KC88-077L-101005-01	KC88-077U-101005-01	KC88-077L-110426-01	KC88-077U-110426-01	KC88-077L-111021-01	KC88-077U-111021-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-078	KC88-078	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079
		9/9/2005	9/9/2005	4/17/2009	9/16/2009	3/31/2010	10/7/2010	4/27/2011	6/3/2011	10/24/2011
		KC88-078L-050909-01	KC88-078U-050909-01	KC88-079L-090417-01	KC88-079L-090916-01	KC88-079L-100331-01	KC88-079L-101007-01	KC88-079L-110427-01	KC88-079L-110603-01	KC88-079L-111024-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	146	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	37	37	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-078	KC88-078	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079
		9/9/2005	9/9/2005	4/17/2009	9/16/2009	3/31/2010	10/7/2010	4/27/2011	6/3/2011	10/24/2011
		KC88-078L-050909-01	KC88-078U-050909-01	KC88-079L-090417-01	KC88-079L-090916-01	KC88-079L-100331-01	KC88-079L-101007-01	KC88-079L-110427-01	KC88-079L-110603-01	KC88-079L-111024-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	60.2	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	24	6.3	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-078	KC88-078	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079
		9/9/2005	9/9/2005	4/17/2009	9/16/2009	3/31/2010	10/7/2010	4/27/2011	6/3/2011	10/24/2011
		KC88-078L-050909-01	KC88-078U-050909-01	KC88-079L-090417-01	KC88-079L-090916-01	KC88-079L-100331-01	KC88-079L-101007-01	KC88-079L-110427-01	KC88-079L-110603-01	KC88-079L-111024-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-078	KC88-078	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079
		9/9/2005	9/9/2005	4/17/2009	9/16/2009	3/31/2010	10/7/2010	4/27/2011	6/3/2011	10/24/2011
		KC88-078L-050909-01	KC88-078U-050909-01	KC88-079L-090417-01	KC88-079L-090916-01	KC88-079L-100331-01	KC88-079L-101007-01	KC88-079L-110427-01	KC88-079L-110603-01	KC88-079L-111024-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-078	KC88-078	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079	KC88-079
		9/9/2005	9/9/2005	4/17/2009	9/16/2009	3/31/2010	10/7/2010	4/27/2011	6/3/2011	10/24/2011
		KC88-078L-050909-01	KC88-078U-050909-01	KC88-079L-090417-01	KC88-079L-090916-01	KC88-079L-100331-01	KC88-079L-101007-01	KC88-079L-110427-01	KC88-079L-110603-01	KC88-079L-111024-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083
		4/17/2009	4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011
		KC88-083L-090417-01	KC88-083U-090417-01	KC88-083L-090925-01	KC88-083U-090925-01	KC88-083L-100331-01	KC88-083U-100331-01	KC88-083L-101007-01	KC88-083U-101007-01	KC88-083L-110427-01
VOCs										
Acetone	67-64-1	< 10	< 10	10.6	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.97	< 0.5	1.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083
		4/17/2009	4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011
		KC88-083L-090417-01	KC88-083U-090417-01	KC88-083L-090925-01	KC88-083U-090925-01	KC88-083L-100331-01	KC88-083U-100331-01	KC88-083L-101007-01	KC88-083U-101007-01	KC88-083L-110427-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083
		4/17/2009	4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011
		KC88-083L-090417-01	KC88-083U-090417-01	KC88-083L-090925-01	KC88-083U-090925-01	KC88-083L-100331-01	KC88-083U-100331-01	KC88-083L-101007-01	KC88-083U-101007-01	KC88-083L-110427-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083
		4/17/2009	4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011
		KC88-083L-090417-01	KC88-083U-090417-01	KC88-083L-090925-01	KC88-083U-090925-01	KC88-083L-100331-01	KC88-083U-100331-01	KC88-083L-101007-01	KC88-083U-101007-01	KC88-083L-110427-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083	KC88-083
		4/17/2009	4/17/2009	9/25/2009	9/25/2009	3/31/2010	3/31/2010	10/7/2010	10/7/2010	4/27/2011
		KC88-083L-090417-01	KC88-083U-090417-01	KC88-083L-090925-01	KC88-083U-090925-01	KC88-083L-100331-01	KC88-083U-100331-01	KC88-083L-101007-01	KC88-083U-101007-01	KC88-083L-110427-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC89-102
		10/24/2011	10/24/2011	9/24/2009	9/24/2009	10/6/2010	10/6/2010	10/21/2011	10/21/2011	9/25/2009
		KC88-083L-111024-01	KC88-083U-111024-01	KC88-084L-090924-01	KC88-084U-090924-01	KC88-084L-101006-01	KC88-084U-101006-01	KC88-084L-111021-01	KC88-084U-111021-01	KC89-102L-090925-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	10	< 10	< 10	< 10	< 10	
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	0.63	< 0.5	0.63	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC89-102
		10/24/2011	10/24/2011	9/24/2009	9/24/2009	10/6/2010	10/6/2010	10/21/2011	10/21/2011	9/25/2009
		KC88-083L-111024-01	KC88-083U-111024-01	KC88-084L-090924-01	KC88-084U-090924-01	KC88-084L-101006-01	KC88-084U-101006-01	KC88-084L-111021-01	KC88-084U-111021-01	KC89-102L-090925-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 5	< 5	< 10	< 10	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC89-102
		10/24/2011	10/24/2011	9/24/2009	9/24/2009	10/6/2010	10/6/2010	10/21/2011	10/21/2011	9/25/2009
		KC88-083L-111024-01	KC88-083U-111024-01	KC88-084L-090924-01	KC88-084U-090924-01	KC88-084L-101006-01	KC88-084U-101006-01	KC88-084L-111021-01	KC88-084U-111021-01	KC89-102L-090925-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC89-102
		10/24/2011	10/24/2011	9/24/2009	9/24/2009	10/6/2010	10/6/2010	10/21/2011	10/21/2011	9/25/2009
		KC88-083L-111024-01	KC88-083U-111024-01	KC88-084L-090924-01	KC88-084U-090924-01	KC88-084L-101006-01	KC88-084U-101006-01	KC88-084L-111021-01	KC88-084U-111021-01	KC89-102L-090925-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC88-083	KC88-083	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC88-084	KC89-102
		10/24/2011	10/24/2011	9/24/2009	9/24/2009	10/6/2010	10/6/2010	10/21/2011	10/21/2011	9/25/2009
		KC88-083L-111024-01	KC88-083U-111024-01	KC88-084L-090924-01	KC88-084U-090924-01	KC88-084L-101006-01	KC88-084U-101006-01	KC88-084L-111021-01	KC88-084U-111021-01	KC89-102L-090925-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-102	KC89-102	KC89-102	KC89-102	KC89-102	KC89-104	KC89-104	KC89-104	KC89-104
		9/25/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC89-102U-090925-01	KC89-102L-101013-01	KC89-102U-101013-01	KC89-102L-111017-01	KC89-102U-111017-01	KC89-104L-090916-01	KC89-104U-090916-01	KC89-104L-101006-01	KC89-104U-101006-01
VOCs										
Acetone	67-64-1						< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0						< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3						< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2				
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-102	KC89-102	KC89-102	KC89-102	KC89-102	KC89-104	KC89-104	KC89-104	KC89-104
		9/25/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC89-102U-090925-01	KC89-102L-101013-01	KC89-102U-101013-01	KC89-102L-111017-01	KC89-102U-111017-01	KC89-104L-090916-01	KC89-104U-090916-01	KC89-104L-101006-01	KC89-104U-101006-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3						< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5						< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1				
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5				
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7				
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-102	KC89-102	KC89-102	KC89-102	KC89-102	KC89-104	KC89-104	KC89-104	KC89-104
		9/25/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC89-102U-090925-01	KC89-102L-101013-01	KC89-102U-101013-01	KC89-102L-111017-01	KC89-102U-111017-01	KC89-104L-090916-01	KC89-104U-090916-01	KC89-104L-101006-01	KC89-104U-101006-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-102	KC89-102	KC89-102	KC89-102	KC89-102	KC89-104	KC89-104	KC89-104	KC89-104
		9/25/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC89-102U-090925-01	KC89-102L-101013-01	KC89-102U-101013-01	KC89-102L-111017-01	KC89-102U-111017-01	KC89-104L-090916-01	KC89-104U-090916-01	KC89-104L-101006-01	KC89-104U-101006-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-102	KC89-102	KC89-102	KC89-102	KC89-102	KC89-104	KC89-104	KC89-104	KC89-104
		9/25/2009	10/13/2010	10/13/2010	10/17/2011	10/17/2011	9/16/2009	9/16/2009	10/6/2010	10/6/2010
		KC89-102U-090925-01	KC89-102L-101013-01	KC89-102U-101013-01	KC89-102L-111017-01	KC89-102U-111017-01	KC89-104L-090916-01	KC89-104U-090916-01	KC89-104L-101006-01	KC89-104U-101006-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-104	KC89-104	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-109
		10/17/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/4/2005
		KC89-104L-111017-01	KC89-104U-111017-01	KC89-105L-090416-01	KC89-105L-090928-01	KC89-105L-100331-01	KC89-105L-101006-01	KC89-105L-110429-01	KC89-105L-111017-01	KC89-109L-050404-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	18
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	25
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	0.47 J
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.29 J
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	23
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5	1.8	1.6	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	4.8
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	1.2	< 0.5	1.8	1.2	2	1.5	13000
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-104	KC89-104	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-109
		10/17/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/4/2005
		KC89-104L-111017-01	KC89-104U-111017-01	KC89-105L-090416-01	KC89-105L-090928-01	KC89-105L-100331-01	KC89-105L-101006-01	KC89-105L-110429-01	KC89-105L-111017-01	KC89-109L-050404-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 5	< 5	< 5	< 10	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.7 B
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	77
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	890
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-104	KC89-104	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-109
		10/17/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/4/2005
		KC89-104L-111017-01	KC89-104U-111017-01	KC89-105L-090416-01	KC89-105L-090928-01	KC89-105L-100331-01	KC89-105L-101006-01	KC89-105L-110429-01	KC89-105L-111017-01	KC89-109L-050404-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-104	KC89-104	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-109
		10/17/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/4/2005
		KC89-104L-111017-01	KC89-104U-111017-01	KC89-105L-090416-01	KC89-105L-090928-01	KC89-105L-100331-01	KC89-105L-101006-01	KC89-105L-110429-01	KC89-105L-111017-01	KC89-109L-050404-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-104	KC89-104	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-105	KC89-109
		10/17/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/4/2005
		KC89-104L-111017-01	KC89-104U-111017-01	KC89-105L-090416-01	KC89-105L-090928-01	KC89-105L-100331-01	KC89-105L-101006-01	KC89-105L-110429-01	KC89-105L-111017-01	KC89-109L-050404-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-109	KC89-109	KC89-109	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115
		8/16/2005	12/22/2006	2/20/2007	8/24/2009	9/25/2009	9/25/2009	10/13/2010	10/13/2010	10/18/2011
		KC89-109L-050816-01	KC89-109L-061222-01	KC89-109L-070220-01	KC89-115L-090824-01	KC89-115L-090925-01	KC89-115U-090925-01	KC89-115L-101310-01	KC89-115U-101310-01	KC89-115L-111018-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10					
Acetonitrile	75-05-8				< 100					
Acetophenone	98-86-2				< 10					
Acrolein	107-02-8				< 20					
Acrylonitrile	107-13-1				< 20					
Allyl Chloride	107-05-1				< 10					
Benzene	71-43-2	14	17.1	8.5	< 5	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1				< 10					
Bis(2-chloroethyl)ether	111-44-4				< 10					
Bromodichloromethane	75-27-4				< 5					
Bromoform	75-25-2				< 5					
Bromomethane	74-83-9				< 5					
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5					
Carbon Tetrachloride	56-23-5				< 5					
Chloro-1,3-butadiene, 2-	126-99-8				< 5					
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3				< 5					
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 5					
Chloromethane	74-87-3				< 5					
Chloronaphthalene, Beta-	91-58-7				< 10					
Chlorophenol, 2-	95-57-8				< 10					
cis-1,3-Dichloropropene	10061-01-5				< 5					
Cresol, p-chloro-m-	59-50-7				< 10					
Dibromo-3-chloropropane, 1,2-	96-12-8				< 5					
Dibromochloromethane	124-48-1				< 5					
Dibromoethane, 1,2-	106-93-4				< 5					
Dibromomethane (Methylene Bromide)	74-95-3				< 5					
Dichloro-2-butene, trans-1,4-	110-57-6				< 5					
Dichlorobenzene, 1,2-	95-50-1	1.1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1				< 10					
Dichlorobenzene, 1,4-	106-46-7				< 10					
Dichlorodifluoromethane	75-71-8				< 5					
Dichloroethane, 1,1-	75-34-3	20	32.9	4.6	< 5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	7.3	11.1	1.9	< 5	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	6500	7310	1000		258	99.9	222	63.8	186
Dichloroethylene, 1,2-trans-	156-60-5				< 5					
Dichloropropane, 1,2-	78-87-5				< 5					
Dichloropropene, trans-1,3-	10061-02-6				< 5					
Dioxane, 1,4-	123-91-1				< 250					
Ethyl Methacrylate	97-63-2				< 10					
Ethylbenzene	100-41-4				< 5	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3				< 10					
Hexanone, 2-	591-78-6				< 10					
Iodomethane	74-88-4				< 5					

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-109	KC89-109	KC89-109	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115
		8/16/2005	12/22/2006	2/20/2007	8/24/2009	9/25/2009	9/25/2009	10/13/2010	10/13/2010	10/18/2011
		KC89-109L-050816-01	KC89-109L-061222-01	KC89-109L-070220-01	KC89-115L-090824-01	KC89-115L-090925-01	KC89-115U-090925-01	KC89-115L-101310-01	KC89-115U-101310-01	KC89-115L-111018-01
Isobutyl Alcohol	78-83-1				< 250					
Methacrylonitrile	126-98-7				< 100					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10					
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6				< 10					
Methylene Chloride	75-09-2				< 5					
Naphthalene	91-20-3				< 10					
Nitrobenzene	98-95-3				< 10					
Nitroso-di-N-butylamine, N-	924-16-3				< 10					
Propionitrile	107-12-0				< 20					
Styrene	100-42-5				< 5					
Tetrachloroethane, 1,1,1,2-	630-20-6				< 5					
Tetrachloroethane, 1,1,2,2-	79-34-5				< 5					
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 5	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1				< 10					
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 5					
Trichloroethene	79-01-6	110	32.3	1.8	24.8	26.9	< 1.2	20.2	1.6	14.8
Trichlorofluoromethane	75-69-4				< 5	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4				< 5					
Trichlorotrifluoroethane, 1,1,2-						< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4				< 10					
Vinyl Chloride	75-01-4	440	1260	176	16.3	12.3	4	5.1	< 1.8	2.7
Xylene, o-	95-47-6				< 5					
Xylenes	1330-20-7					< 7	< 7	< 7	< 7	< 7
Xylenes, m & p					< 5					
SVOCs										
Acenaphthene	83-32-9				< 10					
Acenaphthylene	208-96-8				< 10					
Acetylaminofluorene, 2-	53-96-3				< 10					
Aniline	62-53-3				< 10					
Anthracene	120-12-7				< 10					
Aramite	140-57-8				< 10					
Benzo[a]anthracene	56-55-3				< 10					
Benzo[a]pyrene	50-32-8				< 10					
Benzo[b]fluoranthene	205-99-2				< 10					
Benzo[g,h,i]perylene	191-24-2				< 10					
Benzo[k]fluoranthene	207-08-9				< 10					
Benzyl Alcohol	100-51-6				< 10					
Bis(2-chloroethoxy)methane	111-91-1				< 10					
Bis(2-ethylhexyl)phthalate	117-81-7				< 10					
Bromophenyl phenyl ether, 4-	101-55-3				< 10					
Butyl Benzyl Phthlate	85-68-7				< 10					
Chloroaniline, 3&4-					< 10					
Chlorophenyl-phenylether, 4-	7005-72-3				< 10					

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-109	KC89-109	KC89-109	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115
		8/16/2005	12/22/2006	2/20/2007	8/24/2009	9/25/2009	9/25/2009	10/13/2010	10/13/2010	10/18/2011
		KC89-109L-050816-01	KC89-109L-061222-01	KC89-109L-070220-01	KC89-115L-090824-01	KC89-115L-090925-01	KC89-115U-090925-01	KC89-115L-101310-01	KC89-115U-101310-01	KC89-115L-111018-01
Chrysene	218-01-9				< 10					
Cresol, 3&4-					< 10					
Cresol, o-	95-48-7				< 10					
Dibenz[a,h]anthracene	53-70-3				< 10					
Dibenzofuran	132-64-9				< 10					
Dibutyl Phthalate	84-74-2				< 10					
Dichlorobenzidine, 3,3'-	91-94-1				< 20					
Dichlorophenol, 2,4-	120-83-2				< 10					
Dichlorophenol, 2,6-	87-65-0				< 10					
Diethyl Phthalate	84-66-2				< 10					
Dimethyl phthalate	131-11-3				< 10					
Dimethylamino azobenzene [p-]	60-11-7				< 10					
Dimethylbenz(a)anthracene, 7,12-	57-97-6				< 10					
Dimethylbenzidine, 3,3'-	119-93-7				< 10					
Dimethylphenol, 2,4-	105-67-9				< 10					
Dimethylphenylethylamine, a,a-					< 10					
Dinitrobenzene, 1,3-	99-65-0				< 10					
Dinitro-o-cresol, 4,6-	534-52-1				< 10					
Dinitrophenol, 2,4-	51-28-5				< 10					
Dinitrotoluene, 2,4-	121-14-2				< 10					
Dinitrotoluene, 2,6-	606-20-2				< 10					
Di-n-octylphthalate					< 10					
Dinoseb	88-85-7				< 10					
Ethyl Methanesulfonate	62-50-0				< 10					
Fluoranthene	206-44-0				< 10					
Fluorene	86-73-7				< 10					
Hexachlorobenzene	118-74-1				< 10					
Hexachlorocyclopentadiene	77-47-4				< 10					
Hexachloroethane	67-72-1				< 10					
Hexachlorophene	70-30-4				< 250					
Hexachloropropene	1888-71-7				< 10					
Indeno[1,2,3-cd]pyrene	193-39-5				< 10					
Isophorone	78-59-1				< 10					
Isosafrole	120-58-1				< 10					
Methapyrilene	91-80-5				< 10					
Methyl methanesulfonate	66-27-3				< 10					
Methyl-5-Nitroaniline, 2-	99-55-8				< 10					
Methylcholanthrene, 3-	56-49-5				< 10					
Methylnaphthalene, 2-	91-57-6				< 10					
Naphthoquinone, 1,4-	130-15-4				< 50					
Naphthylamine, 1-	134-32-7				< 10					
Naphthylamine, 2-	91-59-8				< 10					
Nitroaniline, 2-	88-74-4				< 10					
Nitroaniline, 3-	99-09-2				< 10					
Nitroaniline, 4-	100-01-6				< 10					
Nitrophenol, 2-	88-75-5				< 10					

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-109	KC89-109	KC89-109	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115
		8/16/2005	12/22/2006	2/20/2007	8/24/2009	9/25/2009	9/25/2009	10/13/2010	10/13/2010	10/18/2011
		KC89-109L-050816-01	KC89-109L-061222-01	KC89-109L-070220-01	KC89-115L-090824-01	KC89-115L-090925-01	KC89-115U-090925-01	KC89-115L-101310-01	KC89-115U-101310-01	KC89-115L-111018-01
Nitrophenol, 4-	100-02-7				< 10					
Nitroquinoline-n-oxide, 4-	56-57-5				< 10					
Nitrosodiethylamine, N-	55-18-5				< 10					
Nitrosodimethylamine, N-	62-75-9				< 10					
Nitroso-di-N-propylamine, N-	621-64-7				< 10					
Nitrosodiphenylamine, N-	86-30-6				< 10					
Nitrosomethylethylamine, N-	10595-95-6				< 10					
Nitrosomorpholine [N-]	59-89-2				< 10					
Nitrosopiperidine [N-]	100-75-4				< 10					
Nitrosopyrrolidine, N-	930-55-2				< 10					
Pentachlorobenzene	608-93-5				< 10					
Pentachloroethane	76-01-7				< 10					
Pentachloronitrobenzene	82-68-8				< 10					
Pentachlorophenol	87-86-5				< 10					
Phenacetin	62-44-2				< 10					
Phenanthrene	85-01-8				< 10					
Phenol	108-95-2				< 10					
Phenylenediamine, p-	106-50-3				< 10					
Picoline, 2-	109-06-8				< 10					
Pyrene	129-00-0				< 10					
Pyridine	110-86-1				< 10					
Safrole	94-59-7				< 10					
Tetrachlorobenzene, 1,2,4,5-	95-94-3				< 10					
Tetrachlorophenol, 2,3,4,6-	58-90-2				< 10					
Toluidine, o-	95-53-4				< 10					
Trichlorophenol, 2,4,5-	95-95-4				< 10					
Trichlorophenol, 2,4,6-	88-06-2				< 10					
Trinitrobenzene, 1,3,5-	99-35-4				< 10					
Metals and Inorganics										
Antimony	7440-36-0				< 60					
Arsenic	7440-38-2				11.2					
Barium	7440-39-3				374					
Beryllium	7440-41-7				< 5					
Cadmium	7440-43-9				< 5					
Chromium, Total	7440-47-3				< 10					
Cobalt	7440-48-4				< 10					
Copper	7440-50-8				< 10					
Lead	7439-92-1				20					
Mercury	7439-97-6				< 0.2					
Nickel	7440-02-0				< 40					
Selenium	7782-49-2				< 35					
Silver	7440-22-4				< 10					
Thallium (Soluble Salts)	7440-28-0				< 10					
Tin	7440-31-5				< 50					
Vanadium	NA				< 50					
Zinc	7440-66-6				< 20					

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-109	KC89-109	KC89-109	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115	KC89-115
		8/16/2005	12/22/2006	2/20/2007	8/24/2009	9/25/2009	9/25/2009	10/13/2010	10/13/2010	10/18/2011
		KC89-109L-050816-01	KC89-109L-061222-01	KC89-109L-070220-01	KC89-115L-090824-01	KC89-115L-090925-01	KC89-115U-090925-01	KC89-115L-101310-01	KC89-115U-101310-01	KC89-115L-111018-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1				< 10					
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5				< 10					

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-115	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-120	KC89-120
		10/18/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009
		KC89-115U-111018-01	KC89-119L-090416-01	KC89-119L-090928-01	KC89-119L-100331-01	KC89-119L-101006-01	KC89-119L-110429-01	KC89-119L-111017-01	KC89-120L-090416-01	KC89-120L-090928-01
VOCs										
Acetone	67-64-1		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.53
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	51.8	1.9	< 0.5	1.2	1.5	1.1	1.4	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2								
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-115	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-120	KC89-120
		10/18/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009
		KC89-115U-111018-01	KC89-119L-090416-01	KC89-119L-090928-01	KC89-119L-100331-01	KC89-119L-101006-01	KC89-119L-110429-01	KC89-119L-111017-01	KC89-120L-090416-01	KC89-120L-090928-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1								
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5								
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	2.6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7								
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-115	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-120	KC89-120
		10/18/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009
		KC89-115U-111018-01	KC89-119L-090416-01	KC89-119L-090928-01	KC89-119L-100331-01	KC89-119L-101006-01	KC89-119L-110429-01	KC89-119L-111017-01	KC89-120L-090416-01	KC89-120L-090928-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-115	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-120	KC89-120
		10/18/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009
		KC89-115U-111018-01	KC89-119L-090416-01	KC89-119L-090928-01	KC89-119L-100331-01	KC89-119L-101006-01	KC89-119L-110429-01	KC89-119L-111017-01	KC89-120L-090416-01	KC89-120L-090928-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-115	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-119	KC89-120	KC89-120
		10/18/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009
		KC89-115U-111018-01	KC89-119L-090416-01	KC89-119L-090928-01	KC89-119L-100331-01	KC89-119L-101006-01	KC89-119L-110429-01	KC89-119L-111017-01	KC89-120L-090416-01	KC89-120L-090928-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-120	KC89-120	KC89-120	KC89-120	KC89-121	KC89-121	KC89-121	KC89-121	KC89-121
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011
		KC89-120L-100331-01	KC89-120L-101006-01	KC89-120L-110429-01	KC89-120L-111017-01	KC89-121L-090416-01	KC89-121L-090928-01	KC89-121L-100331-01	KC89-121L-101006-01	KC89-121L-110429-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	34.2	< 10	12.6	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	1.2	< 0.5	1.2	< 0.5	< 0.5	< 0.5	0.57	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-120	KC89-120	KC89-120	KC89-120	KC89-121	KC89-121	KC89-121	KC89-121	KC89-121
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011
		KC89-120L-100331-01	KC89-120L-101006-01	KC89-120L-110429-01	KC89-120L-111017-01	KC89-121L-090416-01	KC89-121L-090928-01	KC89-121L-100331-01	KC89-121L-101006-01	KC89-121L-110429-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-120	KC89-120	KC89-120	KC89-120	KC89-121	KC89-121	KC89-121	KC89-121	KC89-121
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011
		KC89-120L-100331-01	KC89-120L-101006-01	KC89-120L-110429-01	KC89-120L-111017-01	KC89-121L-090416-01	KC89-121L-090928-01	KC89-121L-100331-01	KC89-121L-101006-01	KC89-121L-110429-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-120	KC89-120	KC89-120	KC89-120	KC89-121	KC89-121	KC89-121	KC89-121	KC89-121
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011
		KC89-120L-100331-01	KC89-120L-101006-01	KC89-120L-110429-01	KC89-120L-111017-01	KC89-121L-090416-01	KC89-121L-090928-01	KC89-121L-100331-01	KC89-121L-101006-01	KC89-121L-110429-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-120	KC89-120	KC89-120	KC89-120	KC89-121	KC89-121	KC89-121	KC89-121	KC89-121
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011
		KC89-120L-100331-01	KC89-120L-101006-01	KC89-120L-110429-01	KC89-120L-111017-01	KC89-121L-090416-01	KC89-121L-090928-01	KC89-121L-100331-01	KC89-121L-101006-01	KC89-121L-110429-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-121	KC89-122	KC89-122	KC89-122	KC89-123	KC89-123	KC89-123	KC89-125	KC89-125
		10/17/2011	9/29/2009	10/19/2010	10/27/2011	9/29/2009	10/13/2010	10/27/2011	9/30/2009	9/30/2009
		KC89-121L-111017-01	KC89-122L-090929-01	KC89-122L-101019-01	KC89-122L-111027-01	KC89-123L-090929-01	KC89-123L-101013-01	KC89-123L-111027-01	KC89-125L-090930-01	KC89-125U-090930-01
VOCs										
Acetone	67-64-1	< 10								
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5								
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 1								
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	0.95	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.68	1.3
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-121	KC89-122	KC89-122	KC89-122	KC89-123	KC89-123	KC89-123	KC89-125	KC89-125
		10/17/2011	9/29/2009	10/19/2010	10/27/2011	9/29/2009	10/13/2010	10/27/2011	9/30/2009	9/30/2009
		KC89-121L-111017-01	KC89-122L-090929-01	KC89-122L-101019-01	KC89-122L-111027-01	KC89-123L-090929-01	KC89-123L-101013-01	KC89-123L-111027-01	KC89-125L-090930-01	KC89-125U-090930-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10								
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1								
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	6.4	13.3
Xylene, o-	95-47-6									
Xylenes	1330-20-7		< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-121	KC89-122	KC89-122	KC89-122	KC89-123	KC89-123	KC89-123	KC89-125	KC89-125
		10/17/2011	9/29/2009	10/19/2010	10/27/2011	9/29/2009	10/13/2010	10/27/2011	9/30/2009	9/30/2009
		KC89-121L-111017-01	KC89-122L-090929-01	KC89-122L-101019-01	KC89-122L-111027-01	KC89-123L-090929-01	KC89-123L-101013-01	KC89-123L-111027-01	KC89-125L-090930-01	KC89-125U-090930-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-121	KC89-122	KC89-122	KC89-122	KC89-123	KC89-123	KC89-123	KC89-125	KC89-125
		10/17/2011	9/29/2009	10/19/2010	10/27/2011	9/29/2009	10/13/2010	10/27/2011	9/30/2009	9/30/2009
		KC89-121L-111017-01	KC89-122L-090929-01	KC89-122L-101019-01	KC89-122L-111027-01	KC89-123L-090929-01	KC89-123L-101013-01	KC89-123L-111027-01	KC89-125L-090930-01	KC89-125U-090930-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-121	KC89-122	KC89-122	KC89-122	KC89-123	KC89-123	KC89-123	KC89-125	KC89-125
		10/17/2011	9/29/2009	10/19/2010	10/27/2011	9/29/2009	10/13/2010	10/27/2011	9/30/2009	9/30/2009
		KC89-121L-111017-01	KC89-122L-090929-01	KC89-122L-101019-01	KC89-122L-111027-01	KC89-123L-090929-01	KC89-123L-101013-01	KC89-123L-111027-01	KC89-125L-090930-01	KC89-125U-090930-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-125	KC89-125	KC89-125	KC89-125	KC89-125	KC89-126	KC89-126	KC89-126	KC89-126
		10/11/2010	10/11/2010	5/10/2011	10/19/2011	10/19/2011	10/15/2010	10/15/2010	10/19/2011	10/19/2011
		KC89-125L-101011-01	KC89-125U-101011-01	KC89-125L-110510-01	KC89-125L-111019-01	KC89-125U-111019-01	KC89-126L-101015-01	KC89-126U-101015-01	KC89-126L-111019-01	KC89-126U-111019-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	1.1	1.1	< 0.5	0.94	1.3	1.7	< 0.5	2.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-125	KC89-125	KC89-125	KC89-125	KC89-125	KC89-126	KC89-126	KC89-126	KC89-126
		10/11/2010	10/11/2010	5/10/2011	10/19/2011	10/19/2011	10/15/2010	10/15/2010	10/19/2011	10/19/2011
		KC89-125L-101011-01	KC89-125U-101011-01	KC89-125L-110510-01	KC89-125L-111019-01	KC89-125U-111019-01	KC89-126L-101015-01	KC89-126U-101015-01	KC89-126L-111019-01	KC89-126U-111019-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	25.7	21.7	4	8.7	7.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-125	KC89-125	KC89-125	KC89-125	KC89-125	KC89-126	KC89-126	KC89-126	KC89-126
		10/11/2010	10/11/2010	5/10/2011	10/19/2011	10/19/2011	10/15/2010	10/15/2010	10/19/2011	10/19/2011
		KC89-125L-101011-01	KC89-125U-101011-01	KC89-125L-110510-01	KC89-125L-111019-01	KC89-125U-111019-01	KC89-126L-101015-01	KC89-126U-101015-01	KC89-126L-111019-01	KC89-126U-111019-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-125	KC89-125	KC89-125	KC89-125	KC89-125	KC89-126	KC89-126	KC89-126	KC89-126
		10/11/2010	10/11/2010	5/10/2011	10/19/2011	10/19/2011	10/15/2010	10/15/2010	10/19/2011	10/19/2011
		KC89-125L-101011-01	KC89-125U-101011-01	KC89-125L-110510-01	KC89-125L-111019-01	KC89-125U-111019-01	KC89-126L-101015-01	KC89-126U-101015-01	KC89-126L-111019-01	KC89-126U-111019-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC89-125	KC89-125	KC89-125	KC89-125	KC89-125	KC89-126	KC89-126	KC89-126	KC89-126
		10/11/2010	10/11/2010	5/10/2011	10/19/2011	10/19/2011	10/15/2010	10/15/2010	10/19/2011	10/19/2011
		KC89-125L-101011-01	KC89-125U-101011-01	KC89-125L-110510-01	KC89-125L-111019-01	KC89-125U-111019-01	KC89-126L-101015-01	KC89-126U-101015-01	KC89-126L-111019-01	KC89-126U-111019-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-134	KC90-134
		1/9/2009	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	11/28/2011	4/16/2009	9/28/2009
		KC90-133L-090109-01	KC90-133L-090416-01	KC90-133L-090928-01	KC90-133L-100331-01	KC90-133L-101006-01	KC90-133L-110429-01	KC90-133L-111128-01	KC90-134L-090416-01	KC90-134L-090928-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	32.1	10.4
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-134	KC90-134
		1/9/2009	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	11/28/2011	4/16/2009	9/28/2009
		KC90-133L-090109-01	KC90-133L-090416-01	KC90-133L-090928-01	KC90-133L-100331-01	KC90-133L-101006-01	KC90-133L-110429-01	KC90-133L-111128-01	KC90-134L-090416-01	KC90-134L-090928-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5.6	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-134	KC90-134
		1/9/2009	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	11/28/2011	4/16/2009	9/28/2009
		KC90-133L-090109-01	KC90-133L-090416-01	KC90-133L-090928-01	KC90-133L-100331-01	KC90-133L-101006-01	KC90-133L-110429-01	KC90-133L-111128-01	KC90-134L-090416-01	KC90-134L-090928-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-134	KC90-134
		1/9/2009	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	11/28/2011	4/16/2009	9/28/2009
		KC90-133L-090109-01	KC90-133L-090416-01	KC90-133L-090928-01	KC90-133L-100331-01	KC90-133L-101006-01	KC90-133L-110429-01	KC90-133L-111128-01	KC90-134L-090416-01	KC90-134L-090928-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-133	KC90-134	KC90-134
		1/9/2009	4/16/2009	9/28/2009	3/31/2010	10/6/2010	4/29/2011	11/28/2011	4/16/2009	9/28/2009
		KC90-133L-090109-01	KC90-133L-090416-01	KC90-133L-090928-01	KC90-133L-100331-01	KC90-133L-101006-01	KC90-133L-110429-01	KC90-133L-111128-01	KC90-134L-090416-01	KC90-134L-090928-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-134	KC90-134	KC90-134	KC90-134	KC90-135	KC90-135	KC90-135	KC90-137	KC90-137
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	9/25/2009	10/13/2010	10/17/2011	4/15/2009	9/16/2009
		KC90-134L-100331-01	KC90-134L-101006-01	KC90-134L-110429-01	KC90-134L-111017-01	KC90-135L-090925-01	KC90-135L-101013-01	KC90-135L-111017-01	KC90-137L-090415-01	KC90-137L-090916-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10				22.2	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5				< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1				< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	25.3	28.2
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	4	5.4
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.6	1.9
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4					< 2	< 2	< 2		
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-134	KC90-134	KC90-134	KC90-134	KC90-135	KC90-135	KC90-135	KC90-137	KC90-137
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	9/25/2009	10/13/2010	10/17/2011	4/15/2009	9/16/2009
		KC90-134L-100331-01	KC90-134L-101006-01	KC90-134L-110429-01	KC90-134L-111017-01	KC90-135L-090925-01	KC90-135L-101013-01	KC90-135L-111017-01	KC90-137L-090415-01	KC90-137L-090916-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10				< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1				< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4					< 1	< 1	< 1		
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-						< 5	< 5	< 5		
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7					< 7	< 7	< 7		
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-134	KC90-134	KC90-134	KC90-134	KC90-135	KC90-135	KC90-135	KC90-137	KC90-137
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	9/25/2009	10/13/2010	10/17/2011	4/15/2009	9/16/2009
		KC90-134L-100331-01	KC90-134L-101006-01	KC90-134L-110429-01	KC90-134L-111017-01	KC90-135L-090925-01	KC90-135L-101013-01	KC90-135L-111017-01	KC90-137L-090415-01	KC90-137L-090916-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-134	KC90-134	KC90-134	KC90-134	KC90-135	KC90-135	KC90-135	KC90-137	KC90-137
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	9/25/2009	10/13/2010	10/17/2011	4/15/2009	9/16/2009
		KC90-134L-100331-01	KC90-134L-101006-01	KC90-134L-110429-01	KC90-134L-111017-01	KC90-135L-090925-01	KC90-135L-101013-01	KC90-135L-111017-01	KC90-137L-090415-01	KC90-137L-090916-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-134	KC90-134	KC90-134	KC90-134	KC90-135	KC90-135	KC90-135	KC90-137	KC90-137
		3/31/2010	10/6/2010	4/29/2011	10/17/2011	9/25/2009	10/13/2010	10/17/2011	4/15/2009	9/16/2009
		KC90-134L-100331-01	KC90-134L-101006-01	KC90-134L-110429-01	KC90-134L-111017-01	KC90-135L-090925-01	KC90-135L-101013-01	KC90-135L-111017-01	KC90-137L-090415-01	KC90-137L-090916-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-137	KC90-137	KC90-137	KC90-137	KC90-137	KC90-140	KC90-140	KC90-140	KC90-140
		9/16/2009	9/30/2010	9/30/2010	10/14/2011	10/14/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010
		KC90-137U-090916-01	KC90-137L-100930-01	KC90-137U-100930-01	KC90-137L-111014-01	KC90-137U-111014-01	KC90-140L-090916-01	KC90-140U-090916-01	KC90-140L-100930-01	KC90-140U-100930-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	1.2	31.2	< 0.7	22.6	7.9	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	6.1	< 1.3	3.1	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	2.7	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-137	KC90-137	KC90-137	KC90-137	KC90-137	KC90-140	KC90-140	KC90-140	KC90-140
		9/16/2009	9/30/2010	9/30/2010	10/14/2011	10/14/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010
		KC90-137U-090916-01	KC90-137L-100930-01	KC90-137U-100930-01	KC90-137L-111014-01	KC90-137U-111014-01	KC90-140L-090916-01	KC90-140U-090916-01	KC90-140L-100930-01	KC90-140U-100930-01
Isobutyl Alcohol	78-83-1									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 10	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-137	KC90-137	KC90-137	KC90-137	KC90-137	KC90-140	KC90-140	KC90-140	KC90-140
		9/16/2009	9/30/2010	9/30/2010	10/14/2011	10/14/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010
		KC90-137U-090916-01	KC90-137L-100930-01	KC90-137U-100930-01	KC90-137L-111014-01	KC90-137U-111014-01	KC90-140L-090916-01	KC90-140U-090916-01	KC90-140L-100930-01	KC90-140U-100930-01
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-137	KC90-137	KC90-137	KC90-137	KC90-137	KC90-140	KC90-140	KC90-140	KC90-140
		9/16/2009	9/30/2010	9/30/2010	10/14/2011	10/14/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010
		KC90-137U-090916-01	KC90-137L-100930-01	KC90-137U-100930-01	KC90-137L-111014-01	KC90-137U-111014-01	KC90-140L-090916-01	KC90-140U-090916-01	KC90-140L-100930-01	KC90-140U-100930-01
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Selenium	7782-49-2									
Silver	7440-22-4									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-137	KC90-137	KC90-137	KC90-137	KC90-137	KC90-140	KC90-140	KC90-140	KC90-140
		9/16/2009	9/30/2010	9/30/2010	10/14/2011	10/14/2011	9/16/2009	9/16/2009	9/30/2010	9/30/2010
		KC90-137U-090916-01	KC90-137L-100930-01	KC90-137U-100930-01	KC90-137L-111014-01	KC90-137U-111014-01	KC90-140L-090916-01	KC90-140U-090916-01	KC90-140L-100930-01	KC90-140U-100930-01
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-140	KC90-140	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143
		10/14/2011	10/14/2011	9/29/2009	9/29/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011
		KC90-140L-111014-01	KC90-140U-111014-01	KC90-143L-090929-01	KC90-143U-090929-01	KC90-143L-101014-01	KC90-143U-101014-01	KC90-143L-111026-01	KC90-143U-111026-01
VOCs									
Acetone	67-64-1	< 10	< 10	< 10	11.7	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8								
Acetophenone	98-86-2								
Acrolein	107-02-8								
Acrylonitrile	107-13-1								
Allyl Chloride	107-05-1								
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1								
Bis(2-chloroethyl)ether	111-44-4								
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5								
Chloro-1,3-butadiene, 2-	126-99-8								
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3								
Chloroform	67-66-3	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1
Chloromethane	74-87-3								
Chloronaphthalene, Beta-	91-58-7								
Chlorophenol, 2-	95-57-8								
cis-1,3-Dichloropropene	10061-01-5								
Cresol, p-chloro-m-	59-50-7								
Dibromo-3-chloropropane, 1,2-	96-12-8								
Dibromochloromethane	124-48-1								
Dibromoethane, 1,2-	106-93-4								
Dibromomethane (Methylene Bromide)	74-95-3								
Dichloro-2-butene, trans-1,4-	110-57-6								
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1								
Dichlorobenzene, 1,4-	106-46-7								
Dichlorodifluoromethane	75-71-8								
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	2.1	< 0.5	1.8	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5								
Dichloropropane, 1,2-	78-87-5								
Dichloropropene, trans-1,3-	10061-02-6								
Dioxane, 1,4-	123-91-1								
Ethyl Methacrylate	97-63-2								
Ethylbenzene	100-41-4								
Hexachlorobutadiene	87-68-3								
Hexanone, 2-	591-78-6								
Iodomethane	74-88-4								

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-140	KC90-140	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143
		10/14/2011	10/14/2011	9/29/2009	9/29/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011
		KC90-140L-111014-01	KC90-140U-111014-01	KC90-143L-090929-01	KC90-143U-090929-01	KC90-143L-101014-01	KC90-143U-101014-01	KC90-143L-111026-01	KC90-143U-111026-01
Isobutyl Alcohol	78-83-1								
Methacrylonitrile	126-98-7								
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 10	< 5	< 5	< 5	< 5	< 10	< 10
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6								
Methylene Chloride	75-09-2								
Naphthalene	91-20-3								
Nitrobenzene	98-95-3								
Nitroso-di-N-butylamine, N-	924-16-3								
Propionitrile	107-12-0								
Styrene	100-42-5								
Tetrachloroethane, 1,1,1,2-	630-20-6								
Tetrachloroethane, 1,1,2,2-	79-34-5								
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,4-	120-82-1								
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4								
Trichloropropane, 1,2,3-	96-18-4								
Trichlorotrifluoroethane, 1,1,2-									
Vinyl Acetate	108-05-4								
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6								
Xylenes	1330-20-7								
Xylenes, m & p									
SVOCs									
Acenaphthene	83-32-9								
Acenaphthylene	208-96-8								
Acetylaminofluorene, 2-	53-96-3								
Aniline	62-53-3								
Anthracene	120-12-7								
Aramite	140-57-8								
Benzo[a]anthracene	56-55-3								
Benzo[a]pyrene	50-32-8								
Benzo[b]fluoranthene	205-99-2								
Benzo[g,h,i]perylene	191-24-2								
Benzo[k]fluoranthene	207-08-9								
Benzyl Alcohol	100-51-6								
Bis(2-chloroethoxy)methane	111-91-1								
Bis(2-ethylhexyl)phthalate	117-81-7								
Bromophenyl phenyl ether, 4-	101-55-3								
Butyl Benzyl Phthlate	85-68-7								
Chloroaniline, 3&4-									
Chlorophenyl-phenylether, 4-	7005-72-3								

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-140	KC90-140	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143
		10/14/2011	10/14/2011	9/29/2009	9/29/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011
		KC90-140L-111014-01	KC90-140U-111014-01	KC90-143L-090929-01	KC90-143U-090929-01	KC90-143L-101014-01	KC90-143U-101014-01	KC90-143L-111026-01	KC90-143U-111026-01
Chrysene	218-01-9								
Cresol, 3&4-									
Cresol, o-	95-48-7								
Dibenz[a,h]anthracene	53-70-3								
Dibenzofuran	132-64-9								
Dibutyl Phthalate	84-74-2								
Dichlorobenzidine, 3,3'-	91-94-1								
Dichlorophenol, 2,4-	120-83-2								
Dichlorophenol, 2,6-	87-65-0								
Diethyl Phthalate	84-66-2								
Dimethyl phthalate	131-11-3								
Dimethylamino azobenzene [p-]	60-11-7								
Dimethylbenz(a)anthracene, 7,12-	57-97-6								
Dimethylbenzidine, 3,3'-	119-93-7								
Dimethylphenol, 2,4-	105-67-9								
Dimethylphenylethylamine, a,a-									
Dinitrobenzene, 1,3-	99-65-0								
Dinitro-o-cresol, 4,6-	534-52-1								
Dinitrophenol, 2,4-	51-28-5								
Dinitrotoluene, 2,4-	121-14-2								
Dinitrotoluene, 2,6-	606-20-2								
Di-n-octylphthalate									
Dinoseb	88-85-7								
Ethyl Methanesulfonate	62-50-0								
Fluoranthene	206-44-0								
Fluorene	86-73-7								
Hexachlorobenzene	118-74-1								
Hexachlorocyclopentadiene	77-47-4								
Hexachloroethane	67-72-1								
Hexachlorophene	70-30-4								
Hexachloropropene	1888-71-7								
Indeno[1,2,3-cd]pyrene	193-39-5								
Isophorone	78-59-1								
Isosafrole	120-58-1								
Methapyrilene	91-80-5								
Methyl methanesulfonate	66-27-3								
Methyl-5-Nitroaniline, 2-	99-55-8								
Methylcholanthrene, 3-	56-49-5								
Methylnaphthalene, 2-	91-57-6								
Naphthoquinone, 1,4-	130-15-4								
Naphthylamine, 1-	134-32-7								
Naphthylamine, 2-	91-59-8								
Nitroaniline, 2-	88-74-4								
Nitroaniline, 3-	99-09-2								
Nitroaniline, 4-	100-01-6								
Nitrophenol, 2-	88-75-5								

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-140	KC90-140	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143
		10/14/2011	10/14/2011	9/29/2009	9/29/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011
		KC90-140L-111014-01	KC90-140U-111014-01	KC90-143L-090929-01	KC90-143U-090929-01	KC90-143L-101014-01	KC90-143U-101014-01	KC90-143L-111026-01	KC90-143U-111026-01
Nitrophenol, 4-	100-02-7								
Nitroquinoline-n-oxide, 4-	56-57-5								
Nitrosodiethylamine, N-	55-18-5								
Nitrosodimethylamine, N-	62-75-9								
Nitroso-di-N-propylamine, N-	621-64-7								
Nitrosodiphenylamine, N-	86-30-6								
Nitrosomethylethylamine, N-	10595-95-6								
Nitrosomorpholine [N-]	59-89-2								
Nitrosopiperidine [N-]	100-75-4								
Nitrosopyrrolidine, N-	930-55-2								
Pentachlorobenzene	608-93-5								
Pentachloroethane	76-01-7								
Pentachloronitrobenzene	82-68-8								
Pentachlorophenol	87-86-5								
Phenacetin	62-44-2								
Phenanthrene	85-01-8								
Phenol	108-95-2								
Phenylenediamine, p-	106-50-3								
Picoline, 2-	109-06-8								
Pyrene	129-00-0								
Pyridine	110-86-1								
Safrole	94-59-7								
Tetrachlorobenzene, 1,2,4,5-	95-94-3								
Tetrachlorophenol, 2,3,4,6-	58-90-2								
Toluidine, o-	95-53-4								
Trichlorophenol, 2,4,5-	95-95-4								
Trichlorophenol, 2,4,6-	88-06-2								
Trinitrobenzene, 1,3,5-	99-35-4								
Metals and Inorganics									
Antimony	7440-36-0								
Arsenic	7440-38-2								
Barium	7440-39-3								
Beryllium	7440-41-7								
Cadmium	7440-43-9								
Chromium, Total	7440-47-3								
Cobalt	7440-48-4								
Copper	7440-50-8								
Lead	7439-92-1								
Mercury	7439-97-6								
Nickel	7440-02-0								
Selenium	7782-49-2								
Silver	7440-22-4								
Thallium (Soluble Salts)	7440-28-0								
Tin	7440-31-5								
Vanadium	NA								
Zinc	7440-66-6								

Table A-21
Comparison of Site groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC87-KC90
Bannister Federal Complex

Chemical	CAS	KC90-140	KC90-140	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143	KC90-143
		10/14/2011	10/14/2011	9/29/2009	9/29/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011
		KC90-140L-111014-01	KC90-140U-111014-01	KC90-143L-090929-01	KC90-143U-090929-01	KC90-143L-101014-01	KC90-143U-101014-01	KC90-143L-111026-01	KC90-143U-111026-01
PCBs and Dioxins									
Aminobiphenyl, 4-	92-67-1								
Aroclor 1016	12674-11-2								
Aroclor 1221	11104-28-2								
Aroclor 1232	11141-16-5								
Aroclor 1242	53469-21-9								
Aroclor 1248	12672-29-6								
Aroclor 1254	11097-69-1								
Aroclor 1260	11096-82-5								
Pesticides									
Pronamide (Kerb)	23950-58-5								

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-152	KC91-152	KC91-153
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011
		KC91-149L-090930-01	KC91-149U-090930-01	KC91-149L-101011-01	KC91-149U-101011-01	KC91-149L-111026-01	KC91-149U-111026-01	KC91-152L-111026-01	KC91-152U-111026-01	KC91-153L-111026-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	127	66.6	157	74.1	10.2	55.1	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-152	KC91-152	KC91-153
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011
		KC91-149L-090930-01	KC91-149U-090930-01	KC91-149L-101011-01	KC91-149U-101011-01	KC91-149L-111026-01	KC91-149U-111026-01	KC91-152L-111026-01	KC91-152U-111026-01	KC91-153L-111026-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	38.3	< 1.2	16.7	< 1.2	1.8	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-152	KC91-152	KC91-153
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011
		KC91-149L-090930-01	KC91-149U-090930-01	KC91-149L-101011-01	KC91-149U-101011-01	KC91-149L-111026-01	KC91-149U-111026-01	KC91-152L-111026-01	KC91-152U-111026-01	KC91-153L-111026-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-152	KC91-152	KC91-153
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011
		KC91-149L-090930-01	KC91-149U-090930-01	KC91-149L-101011-01	KC91-149U-101011-01	KC91-149L-111026-01	KC91-149U-111026-01	KC91-152L-111026-01	KC91-152U-111026-01	KC91-153L-111026-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-149	KC91-152	KC91-152	KC91-153
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011
		KC91-149L-090930-01	KC91-149U-090930-01	KC91-149L-101011-01	KC91-149U-101011-01	KC91-149L-111026-01	KC91-149U-111026-01	KC91-152L-111026-01	KC91-152U-111026-01	KC91-153L-111026-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-153	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-155	KC91-155
		10/26/2011	9/29/2009	9/29/2009	10/19/2010	10/19/2010	10/28/2011	10/28/2011	9/25/2009	9/25/2009
		KC91-153U-111026-01	KC91-154L-090929-01	KC91-154U-090929-01	KC91-154L-101019-01	KC91-154U-101019-01	KC91-154L-111028-01	KC91-154U-111028-01	KC91-155L-090925-01	KC91-155U-090925-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-153	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-155	KC91-155
		10/26/2011	9/29/2009	9/29/2009	10/19/2010	10/19/2010	10/28/2011	10/28/2011	9/25/2009	9/25/2009
		KC91-153U-111026-01	KC91-154L-090929-01	KC91-154U-090929-01	KC91-154L-101019-01	KC91-154U-101019-01	KC91-154L-111028-01	KC91-154U-111028-01	KC91-155L-090925-01	KC91-155U-090925-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 1	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-153	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-155	KC91-155
		10/26/2011	9/29/2009	9/29/2009	10/19/2010	10/19/2010	10/28/2011	10/28/2011	9/25/2009	9/25/2009
		KC91-153U-111026-01	KC91-154L-090929-01	KC91-154U-090929-01	KC91-154L-101019-01	KC91-154U-101019-01	KC91-154L-111028-01	KC91-154U-111028-01	KC91-155L-090925-01	KC91-155U-090925-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-153	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-155	KC91-155
		10/26/2011	9/29/2009	9/29/2009	10/19/2010	10/19/2010	10/28/2011	10/28/2011	9/25/2009	9/25/2009
		KC91-153U-111026-01	KC91-154L-090929-01	KC91-154U-090929-01	KC91-154L-101019-01	KC91-154U-101019-01	KC91-154L-111028-01	KC91-154U-111028-01	KC91-155L-090925-01	KC91-155U-090925-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-153	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-154	KC91-155	KC91-155
		10/26/2011	9/29/2009	9/29/2009	10/19/2010	10/19/2010	10/28/2011	10/28/2011	9/25/2009	9/25/2009
		KC91-153U-111026-01	KC91-154L-090929-01	KC91-154U-090929-01	KC91-154L-101019-01	KC91-154U-101019-01	KC91-154L-111028-01	KC91-154U-111028-01	KC91-155L-090925-01	KC91-155U-090925-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-155	KC91-155	KC91-155	KC91-155	KC91-156	KC91-156	KC91-156	KC91-156	KC91-156
		10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011
		KC91-155L-101012-01	KC91-155U-101012-01	KC91-155L-111018-01	KC91-155U-111018-01	KC91-156L-090930-01	KC91-156U-090930-01	KC91-156L-101014-01	KC91-156U-101014-01	KC91-156L-111026-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	0.61	1.5	< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-155	KC91-155	KC91-155	KC91-155	KC91-156	KC91-156	KC91-156	KC91-156	KC91-156
		10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011
		KC91-155L-101012-01	KC91-155U-101012-01	KC91-155L-111018-01	KC91-155U-111018-01	KC91-156L-090930-01	KC91-156U-090930-01	KC91-156L-101014-01	KC91-156U-101014-01	KC91-156L-111026-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-155	KC91-155	KC91-155	KC91-155	KC91-156	KC91-156	KC91-156	KC91-156	KC91-156
		10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011
		KC91-155L-101012-01	KC91-155U-101012-01	KC91-155L-111018-01	KC91-155U-111018-01	KC91-156L-090930-01	KC91-156U-090930-01	KC91-156L-101014-01	KC91-156U-101014-01	KC91-156L-111026-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-155	KC91-155	KC91-155	KC91-155	KC91-156	KC91-156	KC91-156	KC91-156	KC91-156
		10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011
		KC91-155L-101012-01	KC91-155U-101012-01	KC91-155L-111018-01	KC91-155U-111018-01	KC91-156L-090930-01	KC91-156U-090930-01	KC91-156L-101014-01	KC91-156U-101014-01	KC91-156L-111026-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-155	KC91-155	KC91-155	KC91-155	KC91-156	KC91-156	KC91-156	KC91-156	KC91-156
		10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011
		KC91-155L-101012-01	KC91-155U-101012-01	KC91-155L-111018-01	KC91-155U-111018-01	KC91-156L-090930-01	KC91-156U-090930-01	KC91-156L-101014-01	KC91-156U-101014-01	KC91-156L-111026-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-156	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-158	KC91-158
		10/26/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011	10/19/2011	10/19/2011
		KC91-156U-111026-01	KC91-157L-090930-01	KC91-157U-090930-01	KC91-157L-101014-01	KC91-157U-101014-01	KC91-157L-111026-01	KC91-157U-111026-01	KC91-158L-111019-01	KC91-158U-111019-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	1.3	0.91	3.5	0.77	4.1	1.2	2.4	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-156	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-158	KC91-158
		10/26/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011	10/19/2011	10/19/2011
		KC91-156U-111026-01	KC91-157L-090930-01	KC91-157U-090930-01	KC91-157L-101014-01	KC91-157U-101014-01	KC91-157L-111026-01	KC91-157U-111026-01	KC91-158L-111019-01	KC91-158U-111019-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	1.4	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	2.5	< 1.8	2.7	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-156	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-158	KC91-158
		10/26/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011	10/19/2011	10/19/2011
		KC91-156U-111026-01	KC91-157L-090930-01	KC91-157U-090930-01	KC91-157L-101014-01	KC91-157U-101014-01	KC91-157L-111026-01	KC91-157U-111026-01	KC91-158L-111019-01	KC91-158U-111019-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-156	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-158	KC91-158
		10/26/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011	10/19/2011	10/19/2011
		KC91-156U-111026-01	KC91-157L-090930-01	KC91-157U-090930-01	KC91-157L-101014-01	KC91-157U-101014-01	KC91-157L-111026-01	KC91-157U-111026-01	KC91-158L-111019-01	KC91-158U-111019-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-156	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-157	KC91-158	KC91-158
		10/26/2011	9/30/2009	9/30/2009	10/14/2010	10/14/2010	10/26/2011	10/26/2011	10/19/2011	10/19/2011
		KC91-156U-111026-01	KC91-157L-090930-01	KC91-157U-090930-01	KC91-157L-101014-01	KC91-157U-101014-01	KC91-157L-111026-01	KC91-157U-111026-01	KC91-158L-111019-01	KC91-158U-111019-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-163	KC91-163	KC91-163
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	10/8/2009	10/8/2009	10/15/2010
		KC91-160L-090930-01	KC91-160U-090930-01	KC91-160L-101011-01	KC91-160U-101011-01	KC91-160L-111019-01	KC91-160U-111019-01	KC91-163L-091008-01	KC91-163U-091008-01	KC91-163L-101015-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	2370	3	3120
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	11.6	< 0.5	8.5
Dichloroethene, 1,1-	75-35-4	5.8	< 1.3	4.7	< 1.3	4.2	< 1.3	< 260	< 1.3	180
Dichloroethene, 1,2- (Total)	540-59-0	1960	546	1790	419	1620	362	254	110	349
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-163	KC91-163	KC91-163
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	10/8/2009	10/8/2009	10/15/2010
		KC91-160L-090930-01	KC91-160U-090930-01	KC91-160L-101011-01	KC91-160U-101011-01	KC91-160L-111019-01	KC91-160U-111019-01	KC91-163L-091008-01	KC91-163U-091008-01	KC91-163L-101015-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	15.4	< 0.5	9.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	247	< 1.2	199	< 1.2	200	< 1.2	30.4	< 1.2	24.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	8.9	1.8	8.1	< 1.8	5.2	< 1.8	81.7	50.2	84.3
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-163	KC91-163	KC91-163
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	10/8/2009	10/8/2009	10/15/2010
		KC91-160L-090930-01	KC91-160U-090930-01	KC91-160L-101011-01	KC91-160U-101011-01	KC91-160L-111019-01	KC91-160U-111019-01	KC91-163L-091008-01	KC91-163U-091008-01	KC91-163L-101015-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-163	KC91-163	KC91-163
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	10/8/2009	10/8/2009	10/15/2010
		KC91-160L-090930-01	KC91-160U-090930-01	KC91-160L-101011-01	KC91-160U-101011-01	KC91-160L-111019-01	KC91-160U-111019-01	KC91-163L-091008-01	KC91-163U-091008-01	KC91-163L-101015-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-160	KC91-163	KC91-163	KC91-163
		9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	10/8/2009	10/8/2009	10/15/2010
		KC91-160L-090930-01	KC91-160U-090930-01	KC91-160L-101011-01	KC91-160U-101011-01	KC91-160L-111019-01	KC91-160U-111019-01	KC91-163L-091008-01	KC91-163U-091008-01	KC91-163L-101015-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-163	KC91-163	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165
		10/15/2010	10/27/2011	10/27/2011	4/14/2009	4/14/2009	10/2/2009	10/2/2009	3/30/2010	3/30/2010
		KC91-163U-101015-01	KC91-163L-111027-01	KC91-163U-111027-01	KC91-165L-090414-01	KC91-165U-090414-01	KC91-165L-091002-01	KC91-165U-091002-01	KC91-165L-100330-01	KC91-165U-100330-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	2.3	2370	2	< 0.7	< 0.7	0.9	< 0.7	1	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	6.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	153	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	102	256	78.5	198	49.5	79.4	33	64.3	36.8
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-163	KC91-163	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165
		10/15/2010	10/27/2011	10/27/2011	4/14/2009	4/14/2009	10/2/2009	10/2/2009	3/30/2010	3/30/2010
		KC91-163U-101015-01	KC91-163L-111027-01	KC91-163U-111027-01	KC91-165L-090414-01	KC91-165U-090414-01	KC91-165L-091002-01	KC91-165U-091002-01	KC91-165L-100330-01	KC91-165U-100330-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	3.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	1.3	16.3	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	12.6	75.1	7.5	335	1.8	204	< 1.8	153	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-163	KC91-163	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165
		10/15/2010	10/27/2011	10/27/2011	4/14/2009	4/14/2009	10/2/2009	10/2/2009	3/30/2010	3/30/2010
		KC91-163U-101015-01	KC91-163L-111027-01	KC91-163U-111027-01	KC91-165L-090414-01	KC91-165U-090414-01	KC91-165L-091002-01	KC91-165U-091002-01	KC91-165L-100330-01	KC91-165U-100330-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-163	KC91-163	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165
		10/15/2010	10/27/2011	10/27/2011	4/14/2009	4/14/2009	10/2/2009	10/2/2009	3/30/2010	3/30/2010
		KC91-163U-101015-01	KC91-163L-111027-01	KC91-163U-111027-01	KC91-165L-090414-01	KC91-165U-090414-01	KC91-165L-091002-01	KC91-165U-091002-01	KC91-165L-100330-01	KC91-165U-100330-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-163	KC91-163	KC91-163	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165
		10/15/2010	10/27/2011	10/27/2011	4/14/2009	4/14/2009	10/2/2009	10/2/2009	3/30/2010	3/30/2010
		KC91-163U-101015-01	KC91-163L-111027-01	KC91-163U-111027-01	KC91-165L-090414-01	KC91-165U-090414-01	KC91-165L-091002-01	KC91-165U-091002-01	KC91-165L-100330-01	KC91-165U-100330-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-168	KC91-168	KC91-168
		10/18/2010	10/18/2010	5/9/2011	5/9/2011	11/1/2011	11/1/2011	9/28/2009	9/28/2009	10/4/2010
		KC91-165L-101018-01	KC91-165U-101018-01	KC91-165L-110509-01	KC91-165U-110509-01	KC91-165L-111101-01	KC91-165U-111101-01	KC91-168L-090928-01	KC91-168U-090928-01	KC91-168L-101004-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	1.1	< 0.7	0.95	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	85.6	23.1	10.5	31.8	4.7	19.8	7.4	< 0.5	3.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-168	KC91-168	KC91-168
		10/18/2010	10/18/2010	5/9/2011	5/9/2011	11/1/2011	11/1/2011	9/28/2009	9/28/2009	10/4/2010
		KC91-165L-101018-01	KC91-165U-101018-01	KC91-165L-110509-01	KC91-165U-110509-01	KC91-165L-111101-01	KC91-165U-111101-01	KC91-168L-090928-01	KC91-168U-090928-01	KC91-168L-101004-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	236	< 1.8	128	< 1.8	80.3	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-168	KC91-168	KC91-168
		10/18/2010	10/18/2010	5/9/2011	5/9/2011	11/1/2011	11/1/2011	9/28/2009	9/28/2009	10/4/2010
		KC91-165L-101018-01	KC91-165U-101018-01	KC91-165L-110509-01	KC91-165U-110509-01	KC91-165L-111101-01	KC91-165U-111101-01	KC91-168L-090928-01	KC91-168U-090928-01	KC91-168L-101004-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-168	KC91-168	KC91-168
		10/18/2010	10/18/2010	5/9/2011	5/9/2011	11/1/2011	11/1/2011	9/28/2009	9/28/2009	10/4/2010
		KC91-165L-101018-01	KC91-165U-101018-01	KC91-165L-110509-01	KC91-165U-110509-01	KC91-165L-111101-01	KC91-165U-111101-01	KC91-168L-090928-01	KC91-168U-090928-01	KC91-168L-101004-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-165	KC91-168	KC91-168	KC91-168
		10/18/2010	10/18/2010	5/9/2011	5/9/2011	11/1/2011	11/1/2011	9/28/2009	9/28/2009	10/4/2010
		KC91-165L-101018-01	KC91-165U-101018-01	KC91-165L-110509-01	KC91-165U-110509-01	KC91-165L-111101-01	KC91-165U-111101-01	KC91-168L-090928-01	KC91-168U-090928-01	KC91-168L-101004-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-168	KC91-168	KC91-168	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171
		10/4/2010	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010	10/24/2011	10/24/2011
		KC91-168U-101004-01	KC91-168L-111025-01	KC91-168U-111025-01	KC91-171L-090928-01	KC91-171U-090928-01	KC91-171L-101004-01	KC91-171U-101004-01	KC91-171L-111024-01	KC91-171U-111024-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	51.2	< 0.7	95.9	< 0.7	2.3	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	16.5	< 1.3	27.8	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	140	< 0.5	102	< 0.5	187	< 0.5	3	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-168	KC91-168	KC91-168	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171
		10/4/2010	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010	10/24/2011	10/24/2011
		KC91-168U-101004-01	KC91-168L-111025-01	KC91-168U-111025-01	KC91-171L-090928-01	KC91-171U-090928-01	KC91-171L-101004-01	KC91-171U-101004-01	KC91-171L-111024-01	KC91-171U-111024-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	2.6	< 1.2	8	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	17.2	< 1.8	26.7	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-168	KC91-168	KC91-168	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171
		10/4/2010	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010	10/24/2011	10/24/2011
		KC91-168U-101004-01	KC91-168L-111025-01	KC91-168U-111025-01	KC91-171L-090928-01	KC91-171U-090928-01	KC91-171L-101004-01	KC91-171U-101004-01	KC91-171L-111024-01	KC91-171U-111024-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-168	KC91-168	KC91-168	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171
		10/4/2010	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010	10/24/2011	10/24/2011
		KC91-168U-101004-01	KC91-168L-111025-01	KC91-168U-111025-01	KC91-171L-090928-01	KC91-171U-090928-01	KC91-171L-101004-01	KC91-171U-101004-01	KC91-171L-111024-01	KC91-171U-111024-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-168	KC91-168	KC91-168	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171	KC91-171
		10/4/2010	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010	10/24/2011	10/24/2011
		KC91-168U-101004-01	KC91-168L-111025-01	KC91-168U-111025-01	KC91-171L-090928-01	KC91-171U-090928-01	KC91-171L-101004-01	KC91-171U-101004-01	KC91-171L-111024-01	KC91-171U-111024-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-179	KC91-179	KC91-179
		9/25/2009	9/25/2009	10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/23/2009	9/23/2009	10/5/2010
		KC91-176L-090925-01	KC91-176U-090925-01	KC91-176L-101012-01	KC91-176U-101012-01	KC91-176L-111018-01	KC91-176U-111018-01	KC91-179L-090923-01	KC91-179U-090923-01	KC91-179L-101005-01
VOCs										
Acetone	67-64-1							< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0							< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	10.3	6.7	9.1
Chloroethane	75-00-3									
Chloroform	67-66-3							< 0.5	< 0.5	0.61
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	4.1	2.5	4.8
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	0.87	< 0.7	0.95
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	7.5	< 0.5	40.4	0.72	37.3	1.8	77.3	4.8	67.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-179	KC91-179	KC91-179
		9/25/2009	9/25/2009	10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/23/2009	9/23/2009	10/5/2010
		KC91-176L-090925-01	KC91-176U-090925-01	KC91-176L-101012-01	KC91-176U-101012-01	KC91-176L-111018-01	KC91-176U-111018-01	KC91-179L-090923-01	KC91-179U-090923-01	KC91-179L-101005-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2			
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3							< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5							< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	7.8	< 1.2	8.6	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1			
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5			
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	2.6	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7			
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-179	KC91-179	KC91-179
		9/25/2009	9/25/2009	10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/23/2009	9/23/2009	10/5/2010
		KC91-176L-090925-01	KC91-176U-090925-01	KC91-176L-101012-01	KC91-176U-101012-01	KC91-176L-111018-01	KC91-176U-111018-01	KC91-179L-090923-01	KC91-179U-090923-01	KC91-179L-101005-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-179	KC91-179	KC91-179
		9/25/2009	9/25/2009	10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/23/2009	9/23/2009	10/5/2010
		KC91-176L-090925-01	KC91-176U-090925-01	KC91-176L-101012-01	KC91-176U-101012-01	KC91-176L-111018-01	KC91-176U-111018-01	KC91-179L-090923-01	KC91-179U-090923-01	KC91-179L-101005-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-176	KC91-179	KC91-179	KC91-179
		9/25/2009	9/25/2009	10/12/2010	10/12/2010	10/18/2011	10/18/2011	9/23/2009	9/23/2009	10/5/2010
		KC91-176L-090925-01	KC91-176U-090925-01	KC91-176L-101012-01	KC91-176U-101012-01	KC91-176L-111018-01	KC91-176U-111018-01	KC91-179L-090923-01	KC91-179U-090923-01	KC91-179L-101005-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-179	KC91-179	KC91-179	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182
		10/5/2010	10/20/2011	10/20/2011	1/9/2009	4/15/2009	4/15/2009	9/24/2009	9/24/2009	3/31/2010
		KC91-179U-101005-01	KC91-179L-111020-01	KC91-179U-111020-01	KC91-182L-090109-01	KC91-182L-090415-01	KC91-182U-090415-01	KC91-182L-090924-01	KC91-182U-090924-01	KC91-182L-100331-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	35.1	35.9	< 10	< 10	< 100
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	2.1	< 2	< 2	< 2	< 2	< 20
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	7.4	< 0.7	7.8	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 7
Chloroethane	75-00-3									
Chloroform	67-66-3	0.54	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	1.7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 1	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	4	5.9	< 1.3	3	< 1.3	< 13
Dichloroethene, 1,2- (Total)	540-59-0	0.86	25.9	< 0.5	1550	830	4.9	660	3.5	881
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-179	KC91-179	KC91-179	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182
		10/5/2010	10/20/2011	10/20/2011	1/9/2009	4/15/2009	4/15/2009	9/24/2009	9/24/2009	3/31/2010
		KC91-179U-101005-01	KC91-179L-111020-01	KC91-179U-111020-01	KC91-182L-090109-01	KC91-182L-090415-01	KC91-182U-090415-01	KC91-182L-090924-01	KC91-182U-090924-01	KC91-182L-100331-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 10	< 10	< 5	< 5	< 5	< 5	< 5	< 50
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 20
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5
Trichloroethene	79-01-6	< 1.2	< 1	< 1.2	< 1.2	1.3	64.5	5.8	65	< 12
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	2.1	< 1.8	< 1.8	< 1.8	< 1.8	< 18
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-179	KC91-179	KC91-179	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182
		10/5/2010	10/20/2011	10/20/2011	1/9/2009	4/15/2009	4/15/2009	9/24/2009	9/24/2009	3/31/2010
		KC91-179U-101005-01	KC91-179L-111020-01	KC91-179U-111020-01	KC91-182L-090109-01	KC91-182L-090415-01	KC91-182U-090415-01	KC91-182L-090924-01	KC91-182U-090924-01	KC91-182L-100331-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-179	KC91-179	KC91-179	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182
		10/5/2010	10/20/2011	10/20/2011	1/9/2009	4/15/2009	4/15/2009	9/24/2009	9/24/2009	3/31/2010
		KC91-179U-101005-01	KC91-179L-111020-01	KC91-179U-111020-01	KC91-182L-090109-01	KC91-182L-090415-01	KC91-182U-090415-01	KC91-182L-090924-01	KC91-182U-090924-01	KC91-182L-100331-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-179	KC91-179	KC91-179	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182
		10/5/2010	10/20/2011	10/20/2011	1/9/2009	4/15/2009	4/15/2009	9/24/2009	9/24/2009	3/31/2010
		KC91-179U-101005-01	KC91-179L-111020-01	KC91-179U-111020-01	KC91-182L-090109-01	KC91-182L-090415-01	KC91-182U-090415-01	KC91-182L-090924-01	KC91-182U-090924-01	KC91-182L-100331-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-183	KC91-183
		3/31/2010	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011	9/23/2009	9/23/2009
		KC91-182U-100331-01	KC91-182L-101005-01	KC91-182U-101005-01	KC91-182L-110426-01	KC91-182U-110426-01	KC91-182L-111021-01	KC91-182U-111021-01	KC91-183L-090923-01	KC91-183U-090923-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	0.65	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	2.5	< 1.3	4.8	< 1.3	2.8	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	5.1	1060	5.2	1190	4.5	1050	6.4	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-183	KC91-183
		3/31/2010	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011	9/23/2009	9/23/2009
		KC91-182U-100331-01	KC91-182L-101005-01	KC91-182U-101005-01	KC91-182L-110426-01	KC91-182U-110426-01	KC91-182L-111021-01	KC91-182U-111021-01	KC91-183L-090923-01	KC91-183U-090923-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4									
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5
Trichloroethene	79-01-6	65.2	< 1.2	52.7	< 1.2	58.5	< 1.2	58.1	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	22.5	< 1.8	3.9	< 1.8	45.9	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7									
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-183	KC91-183
		3/31/2010	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011	9/23/2009	9/23/2009
		KC91-182U-100331-01	KC91-182L-101005-01	KC91-182U-101005-01	KC91-182L-110426-01	KC91-182U-110426-01	KC91-182L-111021-01	KC91-182U-111021-01	KC91-183L-090923-01	KC91-183U-090923-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-183	KC91-183
		3/31/2010	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011	9/23/2009	9/23/2009
		KC91-182U-100331-01	KC91-182L-101005-01	KC91-182U-101005-01	KC91-182L-110426-01	KC91-182U-110426-01	KC91-182L-111021-01	KC91-182U-111021-01	KC91-183L-090923-01	KC91-183U-090923-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-182	KC91-183	KC91-183
		3/31/2010	10/5/2010	10/5/2010	4/26/2011	4/26/2011	10/21/2011	10/21/2011	9/23/2009	9/23/2009
		KC91-182U-100331-01	KC91-182L-101005-01	KC91-182U-101005-01	KC91-182L-110426-01	KC91-182U-110426-01	KC91-182L-111021-01	KC91-182U-111021-01	KC91-183L-090923-01	KC91-183U-090923-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-183	KC91-183	KC91-183	KC91-183	KC92-184	KC92-184	KC92-184	KC92-184	KC92-184
		10/5/2010	10/5/2010	10/20/2011	10/20/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011
		KC91-183L-101005-01	KC91-183U-101005-01	KC91-183L-111020-01	KC91-183U-111020-01	KC92-184L-090930-01	KC92-184U-090930-01	KC92-184L-101011-01	KC92-184U-101011-01	KC92-184L-111019-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10					
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5					
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3	< 0.5	< 0.5	< 1	< 1					
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	12.4	< 1.3	14.2	< 1.3	13.5
Dichloroethene, 1,2- (Total)	540-59-0	0.58	< 0.5	< 0.5	< 0.5	1180	8.6	1730	5.8	2790
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-183	KC91-183	KC91-183	KC91-183	KC92-184	KC92-184	KC92-184	KC92-184	KC92-184
		10/5/2010	10/5/2010	10/20/2011	10/20/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011
		KC91-183L-101005-01	KC91-183U-101005-01	KC91-183L-111020-01	KC91-183U-111020-01	KC92-184L-090930-01	KC92-184U-090930-01	KC92-184L-101011-01	KC92-184U-101011-01	KC92-184L-111019-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4					< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 10	< 10					
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 1	< 1					
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	5200	< 1.2	6280	< 1.2	6470
Trichlorofluoromethane	75-69-4					< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-						< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	11.7	< 1.8	18.1	< 1.8	14
Xylene, o-	95-47-6									
Xylenes	1330-20-7					< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-183	KC91-183	KC91-183	KC91-183	KC92-184	KC92-184	KC92-184	KC92-184	KC92-184
		10/5/2010	10/5/2010	10/20/2011	10/20/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011
		KC91-183L-101005-01	KC91-183U-101005-01	KC91-183L-111020-01	KC91-183U-111020-01	KC92-184L-090930-01	KC92-184U-090930-01	KC92-184L-101011-01	KC92-184U-101011-01	KC92-184L-111019-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-183	KC91-183	KC91-183	KC91-183	KC92-184	KC92-184	KC92-184	KC92-184	KC92-184
		10/5/2010	10/5/2010	10/20/2011	10/20/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011
		KC91-183L-101005-01	KC91-183U-101005-01	KC91-183L-111020-01	KC91-183U-111020-01	KC92-184L-090930-01	KC92-184U-090930-01	KC92-184L-101011-01	KC92-184U-101011-01	KC92-184L-111019-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC91-183	KC91-183	KC91-183	KC91-183	KC92-184	KC92-184	KC92-184	KC92-184	KC92-184
		10/5/2010	10/5/2010	10/20/2011	10/20/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011
		KC91-183L-101005-01	KC91-183U-101005-01	KC91-183L-111020-01	KC91-183U-111020-01	KC92-184L-090930-01	KC92-184U-090930-01	KC92-184L-101011-01	KC92-184U-101011-01	KC92-184L-111019-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-184	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-187	KC92-187
		10/19/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	9/16/2009	9/16/2009
		KC92-184U-111019-01	KC92-185L-090930-01	KC92-185U-090930-01	KC92-185L-101011-01	KC92-185U-101011-01	KC92-185L-111019-01	KC92-185U-111019-01	KC92-187L-090916-01	KC92-187U-090916-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	65.9
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.6
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	5.2	0.55	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-184	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-187	KC92-187
		10/19/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	9/16/2009	9/16/2009
		KC92-184U-111019-01	KC92-185L-090930-01	KC92-185U-090930-01	KC92-185L-101011-01	KC92-185U-101011-01	KC92-185L-111019-01	KC92-185U-111019-01	KC92-187L-090916-01	KC92-187U-090916-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	359
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	20.5
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	28.5	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	82.9
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-184	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-187	KC92-187
		10/19/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	9/16/2009	9/16/2009
		KC92-184U-111019-01	KC92-185L-090930-01	KC92-185U-090930-01	KC92-185L-101011-01	KC92-185U-101011-01	KC92-185L-111019-01	KC92-185U-111019-01	KC92-187L-090916-01	KC92-187U-090916-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-184	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-187	KC92-187
		10/19/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	9/16/2009	9/16/2009
		KC92-184U-111019-01	KC92-185L-090930-01	KC92-185U-090930-01	KC92-185L-101011-01	KC92-185U-101011-01	KC92-185L-111019-01	KC92-185U-111019-01	KC92-187L-090916-01	KC92-187U-090916-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-184	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-185	KC92-187	KC92-187
		10/19/2011	9/30/2009	9/30/2009	10/11/2010	10/11/2010	10/19/2011	10/19/2011	9/16/2009	9/16/2009
		KC92-184U-111019-01	KC92-185L-090930-01	KC92-185U-090930-01	KC92-185L-101011-01	KC92-185U-101011-01	KC92-185L-111019-01	KC92-185U-111019-01	KC92-187L-090916-01	KC92-187U-090916-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-187	KC92-187	KC92-187	KC92-187	KC92-194	KC92-194	KC92-194	KC92-194	KC92-194
		10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/16/2009	9/23/2009	4/8/2010	10/14/2010	4/26/2011
		KC92-187L-101004-01	KC92-187U-101004-01	KC92-187L-111018-01	KC92-187U-111018-01	KC92-194L-090416-01	KC92-194L-090923-01	KC92-194L-100408-01	KC92-194L-101014-01	KC92-194L-110426-01
VOCs										
Acetone	67-64-1					29.5	< 10	< 10	< 10	< 10
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	55.1	< 2	49.2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0					< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	3.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	0.56	< 0.5	0.81	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-187	KC92-187	KC92-187	KC92-187	KC92-194	KC92-194	KC92-194	KC92-194	KC92-194
		10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/16/2009	9/23/2009	4/8/2010	10/14/2010	4/26/2011
		KC92-187L-101004-01	KC92-187U-101004-01	KC92-187L-111018-01	KC92-187U-111018-01	KC92-194L-090416-01	KC92-194L-090923-01	KC92-194L-100408-01	KC92-194L-101014-01	KC92-194L-110426-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	319	< 2	250					
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3					< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	18.8	< 2	14	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1					
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5					
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	5.4	< 1.8	20.3	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	74	< 7	45.1					
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-187	KC92-187	KC92-187	KC92-187	KC92-194	KC92-194	KC92-194	KC92-194	KC92-194
		10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/16/2009	9/23/2009	4/8/2010	10/14/2010	4/26/2011
		KC92-187L-101004-01	KC92-187U-101004-01	KC92-187L-111018-01	KC92-187U-111018-01	KC92-194L-090416-01	KC92-194L-090923-01	KC92-194L-100408-01	KC92-194L-101014-01	KC92-194L-110426-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-187	KC92-187	KC92-187	KC92-187	KC92-194	KC92-194	KC92-194	KC92-194	KC92-194
		10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/16/2009	9/23/2009	4/8/2010	10/14/2010	4/26/2011
		KC92-187L-101004-01	KC92-187U-101004-01	KC92-187L-111018-01	KC92-187U-111018-01	KC92-194L-090416-01	KC92-194L-090923-01	KC92-194L-100408-01	KC92-194L-101014-01	KC92-194L-110426-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-187	KC92-187	KC92-187	KC92-187	KC92-194	KC92-194	KC92-194	KC92-194	KC92-194
		10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/16/2009	9/23/2009	4/8/2010	10/14/2010	4/26/2011
		KC92-187L-101004-01	KC92-187U-101004-01	KC92-187L-111018-01	KC92-187U-111018-01	KC92-194L-090416-01	KC92-194L-090923-01	KC92-194L-100408-01	KC92-194L-101014-01	KC92-194L-110426-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-194	KC94-191	KC94-191	KC94-191	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192
		10/28/2011	10/5/2009	10/20/2010	11/1/2011	4/15/2009	4/15/2009	8/24/2009	10/5/2009	10/5/2009
		KC92-194L-111028-01	KC94-191U-091005-01	KC94-191U-101020-01	KC94-191U-111101-01	KC94-192L-090415-01	KC94-192U-090415-01	KC94-192L-090824-01	KC94-192L-091005-01	KC94-192U-091005-01
VOCs										
Acetone	67-64-1	< 10						< 500		
Acetonitrile	75-05-8							< 5000		
Acetophenone	98-86-2							< 10		
Acrolein	107-02-8							< 1000		
Acrylonitrile	107-13-1							< 1000		
Allyl Chloride	107-05-1							< 500		
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	2	< 250	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1							< 10		
Bis(2-chloroethyl)ether	111-44-4							< 10		
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4							< 250		
Bromoform	75-25-2							< 250		
Bromomethane	74-83-9							< 250		
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0	< 5						< 250		
Carbon Tetrachloride	56-23-5							< 250		
Chloro-1,3-butadiene, 2-	126-99-8							< 250		
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	0.85	< 250	< 0.7	1.1
Chloroethane	75-00-3							< 250		
Chloroform	67-66-3	< 1						< 250		
Chloromethane	74-87-3							< 250		
Chloronaphthalene, Beta-	91-58-7							< 10		
Chlorophenol, 2-	95-57-8							< 10		
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5							< 250		
Cresol, p-chloro-m-	59-50-7							< 10		
Dibromo-3-chloropropane, 1,2-	96-12-8							< 250		
Dibromochloromethane	124-48-1							< 250		
Dibromoethane, 1,2-	106-93-4							< 250		
Dibromomethane (Methylene Bromide)	74-95-3							< 250		
Dichloro-2-butene, trans-1,4-	110-57-6							< 250		
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1							< 10		
Dichlorobenzene, 1,4-	106-46-7							< 10		
Dichlorodifluoromethane	75-71-8							< 250		
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 250	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 250	1.6	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	413	193	< 250	< 1300	232
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	11.6	18.3	18.1	8790	89200		9450	84600
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5							< 250		
Dichloropropane, 1,2-	78-87-5							< 250		

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-194	KC94-191	KC94-191	KC94-191	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192
		10/28/2011	10/5/2009	10/20/2010	11/1/2011	4/15/2009	4/15/2009	8/24/2009	10/5/2009	10/5/2009
		KC92-194L-111028-01	KC94-191U-091005-01	KC94-191U-101020-01	KC94-191U-111101-01	KC94-192L-090415-01	KC94-192U-090415-01	KC94-192L-090824-01	KC94-192L-091005-01	KC94-192U-091005-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6							< 250		
Dioxane, 1,4-	123-91-1							< 12500		
Ethyl Methacrylate	97-63-2							< 500		
Ethylbenzene	100-41-4		< 2	< 2	< 2	< 2	< 2	< 250	3.6	< 2
Hexachlorobutadiene	87-68-3							< 10		
Hexanone, 2-	591-78-6							< 500		
Iodomethane	74-88-4							< 250		
Isobutyl Alcohol	78-83-1							< 12500		
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7							< 5000		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10						< 500		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	9.5	< 5	< 500	27.5	< 5
Methyl Methacrylate	80-62-6							< 500		
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2							400		
Naphthalene	91-20-3							< 10		
Nitrobenzene	98-95-3							< 10		
Nitroso-di-N-butylamine, N-	924-16-3							< 10		
Propionitrile	107-12-0							< 1000		
Propylbenzene, n-	103-65-1									
Styrene	100-42-5							< 250		
Tetrachloroethane, 1,1,1,2-	630-20-6							< 250		
Tetrachloroethane, 1,1,2,2-	79-34-5							< 250		
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	578	1570	708	743	1770
Toluene	108-88-3	< 2	< 2	< 2	< 2	11	< 2	< 250	40	11.5
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1							< 10		
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 250	3.3	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1						< 250		
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	192000	75200	299000	312000	72500
Trichlorofluoromethane	75-69-4		< 1	< 1	< 1	< 1	< 1	< 250	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4							< 250		
Trichlorotrifluoroethane, 1,1,2-			< 5	< 5	< 5	< 5	< 5		< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4							< 500		
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	118	12	301	177	249
Xylene, o-	95-47-6							< 250		
Xylenes	1330-20-7		< 7	< 7	< 7	14	< 7		9	< 7
Xylenes, m & p								< 250		
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-194	KC94-191	KC94-191	KC94-191	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192
		10/28/2011	10/5/2009	10/20/2010	11/1/2011	4/15/2009	4/15/2009	8/24/2009	10/5/2009	10/5/2009
		KC92-194L-111028-01	KC94-191U-091005-01	KC94-191U-101020-01	KC94-191U-111101-01	KC94-192L-090415-01	KC94-192U-090415-01	KC94-192L-090824-01	KC94-192L-091005-01	KC94-192U-091005-01
Acenaphthene	83-32-9							< 10		
Acenaphthylene	208-96-8							< 10		
Acetylaminofluorene, 2-	53-96-3							< 10		
Aniline	62-53-3							< 10		
Anthracene	120-12-7							< 10		
Aramite	140-57-8							< 10		
Benzo[a]anthracene	56-55-3							< 10		
Benzo[a]pyrene	50-32-8							< 10		
Benzo[b]fluoranthene	205-99-2							< 10		
Benzo[g,h,i]perylene	191-24-2							< 10		
Benzo[k]fluoranthene	207-08-9							< 10		
Benzyl Alcohol	100-51-6							< 10		
Bis(2-chloroethoxy)methane	111-91-1							< 10		
Bis(2-ethylhexyl)phthalate	117-81-7							< 10		
Bromophenyl phenyl ether, 4-	101-55-3							< 10		
Butyl Benzyl Phthlate	85-68-7							< 10		
Chloroaniline, 3&4-								< 10		
Chlorophenyl-phenylether, 4-	7005-72-3							< 10		
Chrysene	218-01-9							< 10		
Cresol, 3&4-								< 10		
Cresol, o-	95-48-7							< 10		
Dibenz[a,h]anthracene	53-70-3							< 10		
Dibenzofuran	132-64-9							< 10		
Dibutyl Phthalate	84-74-2							< 10		
Dichlorobenzidine, 3,3'-	91-94-1							< 20		
Dichlorophenol, 2,4-	120-83-2							< 10		
Dichlorophenol, 2,6-	87-65-0							< 10		
Diethyl Phthalate	84-66-2							< 10		
Dimethyl phthalate	131-11-3							< 10		
Dimethylamino azobenzene [p-]	60-11-7							< 10		
Dimethylbenz(a)anthracene, 7,12-	57-97-6							< 10		
Dimethylbenzidine, 3,3'-	119-93-7							< 10		
Dimethylphenol, 2,4-	105-67-9							< 10		
Dimethylphenylethylamine, a,a-								< 10		
Dinitrobenzene, 1,3-	99-65-0							< 10		
Dinitro-o-cresol, 4,6-	534-52-1							< 10		
Dinitrophenol, 2,4-	51-28-5							< 10		
Dinitrotoluene, 2,4-	121-14-2							< 10		
Dinitrotoluene, 2,6-	606-20-2							< 10		
Di-n-octylphthalate								< 10		
Dinoseb	88-85-7							< 10		
Ethyl Methanesulfonate	62-50-0							< 10		
Fluoranthene	206-44-0							< 10		
Fluorene	86-73-7							< 10		
Hexachlorobenzene	118-74-1							< 10		
Hexachlorocyclopentadiene	77-47-4							< 10		

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-194	KC94-191	KC94-191	KC94-191	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192
		10/28/2011	10/5/2009	10/20/2010	11/1/2011	4/15/2009	4/15/2009	8/24/2009	10/5/2009	10/5/2009
		KC92-194L-111028-01	KC94-191U-091005-01	KC94-191U-101020-01	KC94-191U-111101-01	KC94-192L-090415-01	KC94-192U-090415-01	KC94-192L-090824-01	KC94-192L-091005-01	KC94-192U-091005-01
Hexachloroethane	67-72-1							< 10		
Hexachlorophene	70-30-4							< 250		
Hexachloropropene	1888-71-7							< 10		
Indeno[1,2,3-cd]pyrene	193-39-5							< 10		
Isophorone	78-59-1							< 10		
Isosafrole	120-58-1							< 10		
Methapyrilene	91-80-5							< 10		
Methyl methanesulfonate	66-27-3							< 10		
Methyl-5-Nitroaniline, 2-	99-55-8							< 10		
Methylcholanthrene, 3-	56-49-5							< 10		
Methylnaphthalene, 2-	91-57-6							< 10		
Naphthoquinone, 1,4-	130-15-4							< 50		
Naphthylamine, 1-	134-32-7							< 10		
Naphthylamine, 2-	91-59-8							< 10		
Nitroaniline, 2-	88-74-4							< 10		
Nitroaniline, 3-	99-09-2							< 10		
Nitroaniline, 4-	100-01-6							< 10		
Nitrophenol, 2-	88-75-5							< 10		
Nitrophenol, 4-	100-02-7							< 10		
Nitroquinoline-n-oxide, 4-	56-57-5							< 10		
Nitrosodiethylamine, N-	55-18-5							< 10		
Nitrosodimethylamine, N-	62-75-9							< 10		
Nitroso-di-N-propylamine, N-	621-64-7							< 10		
Nitrosodiphenylamine, N-	86-30-6							< 10		
Nitrosomethylethylamine, N-	10595-95-6							< 10		
Nitrosomorpholine [N-]	59-89-2							< 10		
Nitrosopiperidine [N-]	100-75-4							< 10		
Nitrosopyrrolidine, N-	930-55-2							< 10		
Pentachlorobenzene	608-93-5							< 10		
Pentachloroethane	76-01-7							< 10		
Pentachloronitrobenzene	82-68-8							< 10		
Pentachlorophenol	87-86-5							< 10		
Phenacetin	62-44-2							< 10		
Phenanthrene	85-01-8							< 10		
Phenol	108-95-2							< 10		
Phenylenediamine, p-	106-50-3							< 10		
Picoline, 2-	109-06-8							< 10		
Pyrene	129-00-0							< 10		
Pyridine	110-86-1							< 10		
Safrole	94-59-7							< 10		
Tetrachlorobenzene, 1,2,4,5-	95-94-3							< 10		
Tetrachlorophenol, 2,3,4,6-	58-90-2							< 10		
Toluidine, o-	95-53-4							< 10		
Trichlorophenol, 2,4,5-	95-95-4							< 10		
Trichlorophenol, 2,4,6-	88-06-2							< 10		
Trinitrobenzene, 1,3,5-	99-35-4							< 10		

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC92-194	KC94-191	KC94-191	KC94-191	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192
		10/28/2011	10/5/2009	10/20/2010	11/1/2011	4/15/2009	4/15/2009	8/24/2009	10/5/2009	10/5/2009
		KC92-194L-111028-01	KC94-191U-091005-01	KC94-191U-101020-01	KC94-191U-111101-01	KC94-192L-090415-01	KC94-192U-090415-01	KC94-192L-090824-01	KC94-192L-091005-01	KC94-192U-091005-01
Metals and Inorganics										
Antimony	7440-36-0							< 60		
Arsenic	7440-38-2							< 10		
Barium	7440-39-3							< 200		
Beryllium	7440-41-7							< 5		
Cadmium	7440-43-9							< 5		
Chloride	16887-00-6									
Chromium, Total	7440-47-3							< 10		
Cobalt	7440-48-4							< 10		
Copper	7440-50-8							< 10		
Lead	7439-92-1							< 5		
Mercury	7439-97-6							< 0.2		
Nickel	7440-02-0							< 40		
Nitrate	14797-55-8									
Selenium	7782-49-2							< 35		
Silver	7440-22-4							< 10		
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0							< 10		
Tin	7440-31-5							< 50		
Vanadium	NA							< 50		
Zinc	7440-66-6							< 20		
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1							< 10		
Aroclor 1016	12674-11-2		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5	< 0.5	80	2.5		34.1	2.9
Aroclor 1248	12672-29-6		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5	< 0.5	< 5	< 0.5		< 5	< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5							< 10		
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-193
		3/30/2010	6/16/2010	10/20/2010	10/20/2010	5/6/2011	5/6/2011	11/1/2011	11/1/2011	9/29/2009
		KC94-192U-100330-01	KC94-192L-100616-01	KC94-192L-101020-01	KC94-192U-101020-01	KC94-192L-110506-01	KC94-192U-110506-01	KC94-192L-111101-01	KC94-192U-111101-01	KC94-193L-090929-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 200	< 2	2.1	< 2		< 2	2.6	2.2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 70	< 0.7	< 0.7	1.4		1.1	< 0.7	1.1	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 100	< 1	< 1	< 1		< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 70	2.4	< 0.7	< 0.7		2.3	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 50	< 0.5	3.1	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	204	75.1	< 1300	223		< 650	135	189	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	72800	6990	9970	115000		91200	18100	107000	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-193
		3/30/2010	6/16/2010	10/20/2010	10/20/2010	5/6/2011	5/6/2011	11/1/2011	11/1/2011	9/29/2009
		KC94-192U-100330-01	KC94-192L-100616-01	KC94-192L-101020-01	KC94-192U-101020-01	KC94-192L-110506-01	KC94-192U-110506-01	KC94-192L-111101-01	KC94-192U-111101-01	KC94-193L-090929-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 200	< 2	2	< 2		< 2	2.1	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 500	< 5	14.3	< 5		< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	2500	147	541	3040		2460	< 5000	2550	< 0.5
Toluene	108-88-3	< 200	< 2	16.3	11.4		< 2	3.5	3.5	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 50	< 0.5		< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	49900	138000	255000	72900		69600	255000	74600	< 1.2
Trichlorofluoromethane	75-69-4	< 100	< 1	< 1	< 1		< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 500	< 5	< 5	< 5		< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 180	92.8	< 1800	480		115	< 18000	< 9000	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 700	< 7	< 7	< 7		< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-193
		3/30/2010	6/16/2010	10/20/2010	10/20/2010	5/6/2011	5/6/2011	11/1/2011	11/1/2011	9/29/2009
		KC94-192U-100330-01	KC94-192L-100616-01	KC94-192L-101020-01	KC94-192U-101020-01	KC94-192L-110506-01	KC94-192U-110506-01	KC94-192L-111101-01	KC94-192U-111101-01	KC94-193L-090929-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-193
		3/30/2010	6/16/2010	10/20/2010	10/20/2010	5/6/2011	5/6/2011	11/1/2011	11/1/2011	9/29/2009
		KC94-192U-100330-01	KC94-192L-100616-01	KC94-192L-101020-01	KC94-192U-101020-01	KC94-192L-110506-01	KC94-192U-110506-01	KC94-192L-111101-01	KC94-192U-111101-01	KC94-193L-090929-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-192	KC94-193
		3/30/2010	6/16/2010	10/20/2010	10/20/2010	5/6/2011	5/6/2011	11/1/2011	11/1/2011	9/29/2009
		KC94-192U-100330-01	KC94-192L-100616-01	KC94-192L-101020-01	KC94-192U-101020-01	KC94-192L-110506-01	KC94-192U-110506-01	KC94-192L-111101-01	KC94-192U-111101-01	KC94-193L-090929-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Aroclor 1221	11104-28-2	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Aroclor 1232	11141-16-5	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Aroclor 1242	53469-21-9	1.6	30.9	26.5	2.3	122	2.4	18.7	3.1	
Aroclor 1248	12672-29-6	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Aroclor 1254	11097-69-1	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Aroclor 1260	11096-82-5	< 0.5	< 2.5	< 5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-195	KC94-195	KC94-195
		9/29/2009	4/2/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/9/2009	4/9/2009	9/24/2009
		KC94-193U-090929-01	KC94-193L-100402-01	KC94-193L-101004-01	KC94-193U-101004-01	KC94-193L-111018-01	KC94-193U-111018-01	KC94-195L-090409-01	KC94-195U-090409-01	KC94-195L-090924-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	1.1	3.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-195	KC94-195	KC94-195
		9/29/2009	4/2/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/9/2009	4/9/2009	9/24/2009
		KC94-193U-090929-01	KC94-193L-100402-01	KC94-193L-101004-01	KC94-193U-101004-01	KC94-193L-111018-01	KC94-193U-111018-01	KC94-195L-090409-01	KC94-195U-090409-01	KC94-195L-090924-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	52	61	< 1.8	47.9	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-195	KC94-195	KC94-195
		9/29/2009	4/2/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/9/2009	4/9/2009	9/24/2009
		KC94-193U-090929-01	KC94-193L-100402-01	KC94-193L-101004-01	KC94-193U-101004-01	KC94-193L-111018-01	KC94-193U-111018-01	KC94-195L-090409-01	KC94-195U-090409-01	KC94-195L-090924-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-195	KC94-195	KC94-195
		9/29/2009	4/2/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/9/2009	4/9/2009	9/24/2009
		KC94-193U-090929-01	KC94-193L-100402-01	KC94-193L-101004-01	KC94-193U-101004-01	KC94-193L-111018-01	KC94-193U-111018-01	KC94-195L-090409-01	KC94-195U-090409-01	KC94-195L-090924-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-193	KC94-195	KC94-195	KC94-195
		9/29/2009	4/2/2010	10/4/2010	10/4/2010	10/18/2011	10/18/2011	4/9/2009	4/9/2009	9/24/2009
		KC94-193U-090929-01	KC94-193L-100402-01	KC94-193L-101004-01	KC94-193U-101004-01	KC94-193L-111018-01	KC94-193U-111018-01	KC94-195L-090409-01	KC94-195U-090409-01	KC94-195L-090924-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2							< 0.5	< 0.5	
Aroclor 1221	11104-28-2							< 0.5	< 0.5	
Aroclor 1232	11141-16-5							< 0.5	< 0.5	
Aroclor 1242	53469-21-9							< 0.5	< 0.5	
Aroclor 1248	12672-29-6							< 0.5	< 0.5	
Aroclor 1254	11097-69-1							< 0.5	< 0.5	
Aroclor 1260	11096-82-5							< 0.5	< 0.5	
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195
		9/24/2009	4/1/2010	4/1/2010	12/2/2010	12/2/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011
		KC94-195U-090924-01	KC94-195L-100401-01	KC94-195U-100401-01	KC94-195L-101202-01	KC94-195U-101202-01	KC94-195L-110506-01	KC94-195U-110506-01	KC94-195L-111025-01	KC94-195U-111025-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	0.75	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195
		9/24/2009	4/1/2010	4/1/2010	12/2/2010	12/2/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011
		KC94-195U-090924-01	KC94-195L-100401-01	KC94-195U-100401-01	KC94-195L-101202-01	KC94-195U-101202-01	KC94-195L-110506-01	KC94-195U-110506-01	KC94-195L-111025-01	KC94-195U-111025-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195
		9/24/2009	4/1/2010	4/1/2010	12/2/2010	12/2/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011
		KC94-195U-090924-01	KC94-195L-100401-01	KC94-195U-100401-01	KC94-195L-101202-01	KC94-195U-101202-01	KC94-195L-110506-01	KC94-195U-110506-01	KC94-195L-111025-01	KC94-195U-111025-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195
		9/24/2009	4/1/2010	4/1/2010	12/2/2010	12/2/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011
		KC94-195U-090924-01	KC94-195L-100401-01	KC94-195U-100401-01	KC94-195L-101202-01	KC94-195U-101202-01	KC94-195L-110506-01	KC94-195U-110506-01	KC94-195L-111025-01	KC94-195U-111025-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195	KC94-195
		9/24/2009	4/1/2010	4/1/2010	12/2/2010	12/2/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011
		KC94-195U-090924-01	KC94-195L-100401-01	KC94-195U-100401-01	KC94-195L-101202-01	KC94-195U-101202-01	KC94-195L-110506-01	KC94-195U-110506-01	KC94-195L-111025-01	KC94-195U-111025-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-197
		4/7/2009	4/8/2009	9/24/2009	9/24/2009	4/6/2010	10/12/2010	5/6/2011	10/25/2011	4/7/2009
		KC94-196L-090407-01	KC94-196U-090408-01	KC94-196L-090924-01	KC94-196U-090924-01	KC94-196L-100406-01	KC94-196L-101012-01	KC94-196L-110506-01	KC94-196L-111025-01	KC94-197L-090407-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-197
		4/7/2009	4/8/2009	9/24/2009	9/24/2009	4/6/2010	10/12/2010	5/6/2011	10/25/2011	4/7/2009
		KC94-196L-090407-01	KC94-196U-090408-01	KC94-196L-090924-01	KC94-196U-090924-01	KC94-196L-100406-01	KC94-196L-101012-01	KC94-196L-110506-01	KC94-196L-111025-01	KC94-197L-090407-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-197
		4/7/2009	4/8/2009	9/24/2009	9/24/2009	4/6/2010	10/12/2010	5/6/2011	10/25/2011	4/7/2009
		KC94-196L-090407-01	KC94-196U-090408-01	KC94-196L-090924-01	KC94-196U-090924-01	KC94-196L-100406-01	KC94-196L-101012-01	KC94-196L-110506-01	KC94-196L-111025-01	KC94-197L-090407-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-197
		4/7/2009	4/8/2009	9/24/2009	9/24/2009	4/6/2010	10/12/2010	5/6/2011	10/25/2011	4/7/2009
		KC94-196L-090407-01	KC94-196U-090408-01	KC94-196L-090924-01	KC94-196U-090924-01	KC94-196L-100406-01	KC94-196L-101012-01	KC94-196L-110506-01	KC94-196L-111025-01	KC94-197L-090407-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-196	KC94-197
		4/7/2009	4/8/2009	9/24/2009	9/24/2009	4/6/2010	10/12/2010	5/6/2011	10/25/2011	4/7/2009
		KC94-196L-090407-01	KC94-196U-090408-01	KC94-196L-090924-01	KC94-196U-090924-01	KC94-196L-100406-01	KC94-196L-101012-01	KC94-196L-110506-01	KC94-196L-111025-01	KC94-197L-090407-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2	< 0.5	< 2							< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 2							< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 2							< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 2							< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 2							< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 2							< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 2							< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-197	KC94-197	KC94-197	KC94-197	KC94-197	KC94-198	KC94-198	KC94-198	KC94-198
		9/24/2009	4/8/2010	10/13/2010	5/9/2011	10/26/2011	4/7/2009	9/24/2009	4/6/2010	10/13/2010
		KC94-197L-090924-01	KC94-197L-100408-01	KC94-197L-101013-01	KC94-197L-110509-01	KC94-197L-111026-01	KC94-198L-090407-01	KC94-198L-090924-01	KC94-198L-100406-01	KC94-198L-101013-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-197	KC94-197	KC94-197	KC94-197	KC94-197	KC94-198	KC94-198	KC94-198	KC94-198
		9/24/2009	4/8/2010	10/13/2010	5/9/2011	10/26/2011	4/7/2009	9/24/2009	4/6/2010	10/13/2010
		KC94-197L-090924-01	KC94-197L-100408-01	KC94-197L-101013-01	KC94-197L-110509-01	KC94-197L-111026-01	KC94-198L-090407-01	KC94-198L-090924-01	KC94-198L-100406-01	KC94-198L-101013-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-197	KC94-197	KC94-197	KC94-197	KC94-197	KC94-198	KC94-198	KC94-198	KC94-198
		9/24/2009	4/8/2010	10/13/2010	5/9/2011	10/26/2011	4/7/2009	9/24/2009	4/6/2010	10/13/2010
		KC94-197L-090924-01	KC94-197L-100408-01	KC94-197L-101013-01	KC94-197L-110509-01	KC94-197L-111026-01	KC94-198L-090407-01	KC94-198L-090924-01	KC94-198L-100406-01	KC94-198L-101013-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-197	KC94-197	KC94-197	KC94-197	KC94-197	KC94-198	KC94-198	KC94-198	KC94-198
		9/24/2009	4/8/2010	10/13/2010	5/9/2011	10/26/2011	4/7/2009	9/24/2009	4/6/2010	10/13/2010
		KC94-197L-090924-01	KC94-197L-100408-01	KC94-197L-101013-01	KC94-197L-110509-01	KC94-197L-111026-01	KC94-198L-090407-01	KC94-198L-090924-01	KC94-198L-100406-01	KC94-198L-101013-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-197	KC94-197	KC94-197	KC94-197	KC94-197	KC94-198	KC94-198	KC94-198	KC94-198
		9/24/2009	4/8/2010	10/13/2010	5/9/2011	10/26/2011	4/7/2009	9/24/2009	4/6/2010	10/13/2010
		KC94-197L-090924-01	KC94-197L-100408-01	KC94-197L-101013-01	KC94-197L-110509-01	KC94-197L-111026-01	KC94-198L-090407-01	KC94-198L-090924-01	KC94-198L-100406-01	KC94-198L-101013-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2						< 0.5			
Aroclor 1221	11104-28-2						< 0.5			
Aroclor 1232	11141-16-5						< 0.5			
Aroclor 1242	53469-21-9						< 0.5			
Aroclor 1248	12672-29-6						< 0.5			
Aroclor 1254	11097-69-1						< 0.5			
Aroclor 1260	11096-82-5						< 0.5			
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-198	KC94-198	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199
		5/9/2011	10/26/2011	9/29/2009	9/29/2009	4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011
		KC94-198L-110509-01	KC94-198L-111026-01	KC94-199L-090929-01	KC94-199U-090929-01	KC94-199L-100402-01	KC94-199L-101004-01	KC94-199U-101004-01	KC94-199L-110427-01	KC94-199U-110427-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	3.3	< 0.5	92.5	39.3	7	48.6	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-198	KC94-198	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199
		5/9/2011	10/26/2011	9/29/2009	9/29/2009	4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011
		KC94-198L-110509-01	KC94-198L-111026-01	KC94-199L-090929-01	KC94-199U-090929-01	KC94-199L-100402-01	KC94-199L-101004-01	KC94-199U-101004-01	KC94-199L-110427-01	KC94-199U-110427-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	4.2	< 1.2	57.9	10.1	< 1.2	10.9	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	10.4	12.2	20	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-198	KC94-198	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199
		5/9/2011	10/26/2011	9/29/2009	9/29/2009	4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011
		KC94-198L-110509-01	KC94-198L-111026-01	KC94-199L-090929-01	KC94-199U-090929-01	KC94-199L-100402-01	KC94-199L-101004-01	KC94-199U-101004-01	KC94-199L-110427-01	KC94-199U-110427-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-198	KC94-198	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199
		5/9/2011	10/26/2011	9/29/2009	9/29/2009	4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011
		KC94-198L-110509-01	KC94-198L-111026-01	KC94-199L-090929-01	KC94-199U-090929-01	KC94-199L-100402-01	KC94-199L-101004-01	KC94-199U-101004-01	KC94-199L-110427-01	KC94-199U-110427-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-198	KC94-198	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199	KC94-199
		5/9/2011	10/26/2011	9/29/2009	9/29/2009	4/2/2010	10/4/2010	10/4/2010	4/27/2011	4/27/2011
		KC94-198L-110509-01	KC94-198L-111026-01	KC94-199L-090929-01	KC94-199U-090929-01	KC94-199L-100402-01	KC94-199L-101004-01	KC94-199U-101004-01	KC94-199L-110427-01	KC94-199U-110427-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-199	KC94-199	KC95-01	KC95-01	KC95-01	KC95-01	KC95-01	KC95-02	KC95-02
		10/18/2011	10/18/2011	3/17/2008	9/16/2008	9/15/2009	3/29/2010	9/14/2010	3/24/2004	9/23/2004
		KC94-199L-111018-01	KC94-199U-111018-01	KC95-01L-0308	KC95-01L-0908	KC95-01L-0909	KC95-01L-0310	KC95-01L-0910	KC95-02L-0304	KC95-02L-0904
VOCs										
Acetone	67-64-1			< 25	< 25	< 25	< 25	< 25	< 25	< 25
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	74-83-9			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0			< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8			< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0	75	< 0.5							
Dichloroethylene, 1,2-cis-	156-59-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-trans-	156-60-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-199	KC94-199	KC95-01	KC95-01	KC95-01	KC95-01	KC95-01	KC95-02	KC95-02
		10/18/2011	10/18/2011	3/17/2008	9/16/2008	9/15/2009	3/29/2010	9/14/2010	3/24/2004	9/23/2004
		KC94-199L-111018-01	KC94-199U-111018-01	KC95-01L-0308	KC95-01L-0908	KC95-01L-0909	KC95-01L-0310	KC95-01L-0910	KC95-02L-0304	KC95-02L-0904
Dichloropropane, 1,3-	142-28-9			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6			< 25	< 25	< 25	< 25	< 25	< 25	< 25
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 25	< 25	< 25	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Methylene Chloride	75-09-2			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	44.2	< 1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5							
Trimethylbenzene, 1,2,4-	95-63-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.7	0.8
Xylene, o-	95-47-6			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7	< 7	< 7							
Xylenes, m & p				< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-199	KC94-199	KC95-01	KC95-01	KC95-01	KC95-01	KC95-01	KC95-02	KC95-02
		10/18/2011	10/18/2011	3/17/2008	9/16/2008	9/15/2009	3/29/2010	9/14/2010	3/24/2004	9/23/2004
		KC94-199L-111018-01	KC94-199U-111018-01	KC95-01L-0308	KC95-01L-0908	KC95-01L-0909	KC95-01L-0310	KC95-01L-0910	KC95-02L-0304	KC95-02L-0904
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-199	KC94-199	KC95-01	KC95-01	KC95-01	KC95-01	KC95-01	KC95-02	KC95-02
		10/18/2011	10/18/2011	3/17/2008	9/16/2008	9/15/2009	3/29/2010	9/14/2010	3/24/2004	9/23/2004
		KC94-199L-111018-01	KC94-199U-111018-01	KC95-01L-0308	KC95-01L-0908	KC95-01L-0909	KC95-01L-0310	KC95-01L-0910	KC95-02L-0304	KC95-02L-0904
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC94-199	KC94-199	KC95-01	KC95-01	KC95-01	KC95-01	KC95-01	KC95-02	KC95-02
		10/18/2011	10/18/2011	3/17/2008	9/16/2008	9/15/2009	3/29/2010	9/14/2010	3/24/2004	9/23/2004
		KC94-199L-111018-01	KC94-199U-111018-01	KC95-01L-0308	KC95-01L-0908	KC95-01L-0909	KC95-01L-0310	KC95-01L-0910	KC95-02L-0304	KC95-02L-0904
Metals and Inorganics										
Antimony	7440-36-0								< 5	< 5
Arsenic	7440-38-2								48	59
Barium	7440-39-3								1130	980
Beryllium	7440-41-7								< 4	< 4
Cadmium	7440-43-9								1	1
Chloride	16887-00-6									111000
Chromium, Total	7440-47-3								33	< 5
Cobalt	7440-48-4									
Copper	7440-50-8								32	< 10
Lead	7439-92-1								27	31
Mercury	7439-97-6								< 0.2	< 0.2
Nickel	7440-02-0									
Nitrate	14797-55-8									< 100
Selenium	7782-49-2								< 5	< 5
Silver	7440-22-4								< 2	< 2
Sulfate	14808-79-8									< 1000
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									< 100
Ethene	74-85-1									< 4
Methane	74-82-2									5610 QM

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03
		3/31/2005	3/16/2006	3/17/2008	3/17/2008	9/16/2008	9/16/2008	3/17/2009	3/17/2009	9/15/2009
		KC95-02L-0305	KC95-02L-0306	KC95-03L-0308-01	KC95-03U-0308	KC95-03L-0908-01	KC95-03U-0908	KC95-03L-0309-01	KC95-03U-0309	KC95-03L-0909-01
VOCs										
Acetone	67-64-1	< 25	< 25	< 25	< 100	< 25	< 63	< 25	< 100	< 25
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2	< 0.5	< 2	< 0.5
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Bromodichloromethane	75-27-4	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Bromoform	75-25-2	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Bromomethane	74-83-9	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Butylbenzene, n-	104-51-8	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Butylbenzene, sec-	135-98-8	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Butylbenzene, tert-	98-06-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 20	< 5	< 13	< 5	< 20	< 5
Carbon Tetrachloride	56-23-5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chloroethane	75-00-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chloromethane	74-87-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Chlorotoluene, p-	106-43-4	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
cis-1,3-Dichloropropene	10061-01-5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8	< 10	< 10	< 10	< 40	< 10	< 30	< 10	< 40	< 10
Dibromochloromethane	124-48-1	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Dibromoethane, 1,2-	106-93-4	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Dibromomethane (Methylene Bromide)	74-95-3	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichlorobenzene, 1,3-	541-73-1	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichlorobenzene, 1,4-	106-46-7	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichlorodifluoromethane	75-71-8	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	< 0.5	< 0.5	49	190	47.6	181	60.2	251	47.2
Dichloroethylene, 1,2-trans-	156-60-5	< 0.5	< 0.5	0.8	7.2	0.9	7.6	0.9	9.7	0.7
Dichloropropane, 1,2-	78-87-5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03
		3/31/2005	3/16/2006	3/17/2008	3/17/2008	9/16/2008	9/16/2008	3/17/2009	3/17/2009	9/15/2009
		KC95-02L-0305	KC95-02L-0306	KC95-03L-0308-01	KC95-03U-0308	KC95-03L-0908-01	KC95-03U-0908	KC95-03L-0309-01	KC95-03U-0309	KC95-03L-0909-01
Dichloropropane, 1,3-	142-28-9	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloropropane, 2,2-	594-20-7	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloropropene, 1,1-	563-58-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Hexachlorobutadiene	87-68-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Hexanone, 2-	591-78-6	< 25	< 25	< 25	< 100	< 25	< 63	< 25	< 100	< 25
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Isopropyltoluene, p-	99-87-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 25	< 25	< 25	< 100	< 25	< 63	< 25	< 100	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 25	< 25	< 25	< 100	< 25	< 63	< 25	< 100	< 25
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Methylene Chloride	75-09-2	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Naphthalene	91-20-3	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Styrene	100-42-5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Toluene	108-88-3	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Trichlorobenzene, 1,2,4-	120-82-1	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Trichloroethene	79-01-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Trichloropropane, 1,2,3-	96-18-4	< 1	< 1	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	0.7	< 0.5	4.9	36	5.6	47.7	7.3	62.1	5.8
Xylene, o-	95-47-6	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 1	< 0.5	< 2	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p		< 0.5	< 0.5	< 1	< 4	< 1	< 2.5	< 1	< 4	< 1
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03
		3/31/2005	3/16/2006	3/17/2008	3/17/2008	9/16/2008	9/16/2008	3/17/2009	3/17/2009	9/15/2009
		KC95-02L-0305	KC95-02L-0306	KC95-03L-0308-01	KC95-03U-0308	KC95-03L-0908-01	KC95-03U-0908	KC95-03L-0309-01	KC95-03U-0309	KC95-03L-0909-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03
		3/31/2005	3/16/2006	3/17/2008	3/17/2008	9/16/2008	9/16/2008	3/17/2009	3/17/2009	9/15/2009
		KC95-02L-0305	KC95-02L-0306	KC95-03L-0308-01	KC95-03U-0308	KC95-03L-0908-01	KC95-03U-0908	KC95-03L-0309-01	KC95-03U-0309	KC95-03L-0909-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-02	KC95-02	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03
		3/31/2005	3/16/2006	3/17/2008	3/17/2008	9/16/2008	9/16/2008	3/17/2009	3/17/2009	9/15/2009
		KC95-02L-0305	KC95-02L-0306	KC95-03L-0308-01	KC95-03U-0308	KC95-03L-0908-01	KC95-03U-0908	KC95-03L-0309-01	KC95-03U-0309	KC95-03L-0909-01
Metals and Inorganics										
Antimony	7440-36-0	< 5	< 5							
Arsenic	7440-38-2	51	47							
Barium	7440-39-3	800	840							
Beryllium	7440-41-7	< 4	< 4							
Cadmium	7440-43-9	< 1	< 1							
Chloride	16887-00-6	122000	116000							
Chromium, Total	7440-47-3	< 5	< 5							
Cobalt	7440-48-4									
Copper	7440-50-8	< 10	< 10							
Lead	7439-92-1	< 3	< 3							
Mercury	7439-97-6	< 0.2	< 0.2							
Nickel	7440-02-0									
Nitrate	14797-55-8	< 100	< 100							
Selenium	7782-49-2	< 5	< 5							
Silver	7440-22-4	< 2	< 2							
Sulfate	14808-79-8	< 1000	< 1000							
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0	< 132	< 130							
Ethene	74-85-1	< 4	< 4							
Methane	74-82-2	7360	7310							

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-04	KC95-04	KC95-04	KC95-04
		9/15/2009	3/29/2010	3/29/2010	9/14/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC95-03U-0909	KC95-03L-0310-01	KC95-03U-0310	KC95-03L-0910-01	KC95-03U-0910	KC95-04L-0308	KC95-04L-0908	KC95-04L-0309	KC95-04L-0909
VOCs										
Acetone	67-64-1	< 100	< 25	< 100	< 25	< 100	< 25	< 25	< 25	< 25
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	75-27-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	75-25-2	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Bromomethane	74-83-9	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Butylbenzene, n-	104-51-8	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, sec-	135-98-8	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzene, tert-	98-06-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Disulfide	75-15-0	< 20	< 5	< 20	< 5	< 20	< 5	< 5	< 5	< 5
Carbon Tetrachloride	56-23-5	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	75-00-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	67-66-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloromethane	74-87-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Chlorotoluene, p-	106-43-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	10061-01-5	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8	< 40	< 10	< 40	< 10	< 40	< 10	< 10	< 10	< 10
Dibromochloromethane	124-48-1	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Dibromoethane, 1,2-	106-93-4	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Dibromomethane (Methylene Bromide)	74-95-3	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,3-	541-73-1	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,4-	106-46-7	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	75-71-8	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethane, 1,2-	107-06-2	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,2- (Total)	540-59-0									
Dichloroethylene, 1,2-cis-	156-59-2	183	55.4	237	52.5	204	1.6	1.1	1.5	0.7
Dichloroethylene, 1,2-trans-	156-60-5	7.4	0.7	8.5	0.8	8.4	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 1,2-	78-87-5	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-04	KC95-04	KC95-04	KC95-04
		9/15/2009	3/29/2010	3/29/2010	9/14/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC95-03U-0909	KC95-03L-0310-01	KC95-03U-0310	KC95-03L-0910-01	KC95-03U-0910	KC95-04L-0308	KC95-04L-0908	KC95-04L-0309	KC95-04L-0909
Dichloropropane, 1,3-	142-28-9	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropane, 2,2-	594-20-7	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, 1,1-	563-58-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Dichloropropene, trans-1,3-	10061-02-6	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	87-68-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Hexanone, 2-	591-78-6	< 100	< 25	< 100	< 25	< 100	< 25	< 25	< 25	< 25
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyltoluene, p-	99-87-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 100	< 25	< 100	< 25	< 100	< 25	< 25	< 25	< 25
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 100	< 25	< 100	< 25	< 100	< 25	< 25	< 25	< 25
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	75-09-2	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	91-20-3	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	100-42-5	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,1,2-	630-20-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethane, 1,1,2,2-	79-34-5	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorobenzene, 1,2,3-	87-61-6	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Trichlorobenzene, 1,2,4-	120-82-1	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Trichloroethane, 1,1,1-	71-55-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Trichloroethene	79-01-6	< 2	< 0.5	< 2	< 0.5	< 2	3.9	2.8	3.1	1.9
Trichlorofluoromethane	75-69-4	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Trimethylbenzene, 1,3,5-	108-67-8	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	51.8	6.4	52.3	6.1	49.6	< 0.5	< 0.5	< 0.5	< 0.5
Xylene, o-	95-47-6	< 2	< 0.5	< 2	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes	1330-20-7									
Xylenes, m & p		< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 1	< 1
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-04	KC95-04	KC95-04	KC95-04
		9/15/2009	3/29/2010	3/29/2010	9/14/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC95-03U-0909	KC95-03L-0310-01	KC95-03U-0310	KC95-03L-0910-01	KC95-03U-0910	KC95-04L-0308	KC95-04L-0908	KC95-04L-0309	KC95-04L-0909
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-04	KC95-04	KC95-04	KC95-04
		9/15/2009	3/29/2010	3/29/2010	9/14/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC95-03U-0909	KC95-03L-0310-01	KC95-03U-0310	KC95-03L-0910-01	KC95-03U-0910	KC95-04L-0308	KC95-04L-0908	KC95-04L-0309	KC95-04L-0909
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-03	KC95-03	KC95-03	KC95-03	KC95-03	KC95-04	KC95-04	KC95-04	KC95-04
		9/15/2009	3/29/2010	3/29/2010	9/14/2010	9/14/2010	3/17/2008	9/16/2008	3/17/2009	9/15/2009
		KC95-03U-0909	KC95-03L-0310-01	KC95-03U-0310	KC95-03L-0910-01	KC95-03U-0910	KC95-04L-0308	KC95-04L-0908	KC95-04L-0309	KC95-04L-0909
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-04	KC95-04	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-201
		3/29/2010	9/14/2010	4/16/2009	9/25/2009	3/31/2010	10/7/2010	4/29/2011	10/24/2011	10/2/2009
		KC95-04L-0310	KC95-04L-0910-01	KC95-200L-090416-01	KC95-200L-090925-01	KC95-200L-100331-01	KC95-200L-101007-01	KC95-200L-110429-01	KC95-200L-111024-01	KC95-201L-091002-01
VOCs										
Acetone	67-64-1	< 25	< 25	< 10	< 10	< 10	< 10	< 10	< 10	
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1	< 0.5	< 0.5							
Bromodichloromethane	75-27-4	< 0.5	< 0.5							
Bromoform	75-25-2	< 1	< 1							
Bromomethane	74-83-9	< 1	< 1							
Butylbenzene, n-	104-51-8	< 0.5	< 0.5							
Butylbenzene, sec-	135-98-8	< 0.5	< 0.5							
Butylbenzene, tert-	98-06-6	< 0.5	< 0.5							
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Carbon Tetrachloride	56-23-5	< 0.5	< 0.5							
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.5	< 0.5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3	< 0.5	< 0.5							
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	
Chloromethane	74-87-3	< 0.5	< 0.5							
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8	< 0.5	< 0.5							
Chlorotoluene, p-	106-43-4	< 0.5	< 0.5							
cis-1,3-Dichloropropene	10061-01-5	< 0.5	< 0.5							
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8	< 10	< 10							
Dibromochloromethane	124-48-1	< 1	< 1							
Dibromoethane, 1,2-	106-93-4	< 1	< 1							
Dibromomethane (Methylene Bromide)	74-95-3	< 1	< 1							
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 0.5	< 0.5	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1	< 0.5	< 0.5							
Dichlorobenzene, 1,4-	106-46-7	< 0.5	< 0.5							
Dichlorodifluoromethane	75-71-8	< 1	< 1							
Dichloroethane, 1,1-	75-34-3	< 0.5	< 0.5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0			0.51	< 0.5	< 0.5	1.9	2.6	1.1	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2	1.1	1.2							
Dichloroethylene, 1,2-trans-	156-60-5	< 0.5	< 0.5							
Dichloropropane, 1,2-	78-87-5	< 0.5	< 0.5							

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-04	KC95-04	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-201
		3/29/2010	9/14/2010	4/16/2009	9/25/2009	3/31/2010	10/7/2010	4/29/2011	10/24/2011	10/2/2009
		KC95-04L-0310	KC95-04L-0910-01	KC95-200L-090416-01	KC95-200L-090925-01	KC95-200L-100331-01	KC95-200L-101007-01	KC95-200L-110429-01	KC95-200L-111024-01	KC95-201L-091002-01
Dichloropropane, 1,3-	142-28-9	< 0.5	< 0.5							
Dichloropropane, 2,2-	594-20-7	< 0.5	< 0.5							
Dichloropropene, 1,1-	563-58-6	< 0.5	< 0.5							
Dichloropropene, trans-1,3-	10061-02-6	< 1	< 1							
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 0.5	< 0.5							< 2
Hexachlorobutadiene	87-68-3	< 0.5	< 0.5							
Hexanone, 2-	591-78-6	< 25	< 25							
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8	< 0.5	< 0.5							
Isopropyltoluene, p-	99-87-6	< 0.5	< 0.5							
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 25	< 25	< 5	< 5	< 5	< 5	< 5	< 10	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 25	< 25	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 0.5	< 0.5							
Methylene Chloride	75-09-2	< 0.5	< 0.5							
Naphthalene	91-20-3	< 1	< 1							
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1	< 0.5	< 0.5							
Styrene	100-42-5	< 0.5	< 0.5							
Tetrachloroethane, 1,1,1,2-	630-20-6	< 0.5	< 0.5							
Tetrachloroethane, 1,1,2,2-	79-34-5	< 1	< 1							
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6	< 1	< 1							
Trichlorobenzene, 1,2,4-	120-82-1	< 1	< 1							
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	
Trichloroethene	79-01-6	2.8	2.4	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1							< 1
Trichloropropane, 1,2,3-	96-18-4	< 1	< 1							
Trichlorotrifluoroethane, 1,1,2-										< 5
Trimethylbenzene, 1,2,4-	95-63-6	< 0.5	< 0.5							
Trimethylbenzene, 1,3,5-	108-67-8	< 0.5	< 0.5							
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.5	< 0.5	< 1.8	< 1.8	< 1.8	< 1.8	2.6	< 1.8	< 1.8
Xylene, o-	95-47-6	< 0.5	< 0.5							
Xylenes	1330-20-7									< 7
Xylenes, m & p		< 1	< 1							
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-04	KC95-04	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-201
		3/29/2010	9/14/2010	4/16/2009	9/25/2009	3/31/2010	10/7/2010	4/29/2011	10/24/2011	10/2/2009
		KC95-04L-0310	KC95-04L-0910-01	KC95-200L-090416-01	KC95-200L-090925-01	KC95-200L-100331-01	KC95-200L-101007-01	KC95-200L-110429-01	KC95-200L-111024-01	KC95-201L-091002-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-04	KC95-04	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-201
		3/29/2010	9/14/2010	4/16/2009	9/25/2009	3/31/2010	10/7/2010	4/29/2011	10/24/2011	10/2/2009
		KC95-04L-0310	KC95-04L-0910-01	KC95-200L-090416-01	KC95-200L-090925-01	KC95-200L-100331-01	KC95-200L-101007-01	KC95-200L-110429-01	KC95-200L-111024-01	KC95-201L-091002-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-04	KC95-04	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-200	KC95-201
		3/29/2010	9/14/2010	4/16/2009	9/25/2009	3/31/2010	10/7/2010	4/29/2011	10/24/2011	10/2/2009
		KC95-04L-0310	KC95-04L-0910-01	KC95-200L-090416-01	KC95-200L-090925-01	KC95-200L-100331-01	KC95-200L-101007-01	KC95-200L-110429-01	KC95-200L-111024-01	KC95-201L-091002-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									< 0.5
Aroclor 1221	11104-28-2									< 0.5
Aroclor 1232	11141-16-5									< 0.5
Aroclor 1242	53469-21-9									< 0.5
Aroclor 1248	12672-29-6									< 0.5
Aroclor 1254	11097-69-1									< 0.5
Aroclor 1260	11096-82-5									< 0.5
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-201	KC95-201	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202
		10/18/2010	10/28/2011	4/9/2009	4/9/2009	9/18/2009	9/18/2009	4/6/2010	4/6/2010	10/12/2010
		KC95-201L-101018-01	KC95-201L-111028-01	KC95-202L-090409-01	KC95-202U-090409-01	KC95-202L-090918-01	KC95-202U-090918-01	KC95-202L-100406-01	KC95-202U-100406-01	KC95-202L-101012-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-201	KC95-201	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202
		10/18/2010	10/28/2011	4/9/2009	4/9/2009	9/18/2009	9/18/2009	4/6/2010	4/6/2010	10/12/2010
		KC95-201L-101018-01	KC95-201L-111028-01	KC95-202L-090409-01	KC95-202U-090409-01	KC95-202L-090918-01	KC95-202U-090918-01	KC95-202L-100406-01	KC95-202U-100406-01	KC95-202L-101012-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-201	KC95-201	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202
		10/18/2010	10/28/2011	4/9/2009	4/9/2009	9/18/2009	9/18/2009	4/6/2010	4/6/2010	10/12/2010
		KC95-201L-101018-01	KC95-201L-111028-01	KC95-202L-090409-01	KC95-202U-090409-01	KC95-202L-090918-01	KC95-202U-090918-01	KC95-202L-100406-01	KC95-202U-100406-01	KC95-202L-101012-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-201	KC95-201	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202
		10/18/2010	10/28/2011	4/9/2009	4/9/2009	9/18/2009	9/18/2009	4/6/2010	4/6/2010	10/12/2010
		KC95-201L-101018-01	KC95-201L-111028-01	KC95-202L-090409-01	KC95-202U-090409-01	KC95-202L-090918-01	KC95-202U-090918-01	KC95-202L-100406-01	KC95-202U-100406-01	KC95-202L-101012-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-201	KC95-201	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202
		10/18/2010	10/28/2011	4/9/2009	4/9/2009	9/18/2009	9/18/2009	4/6/2010	4/6/2010	10/12/2010
		KC95-201L-101018-01	KC95-201L-111028-01	KC95-202L-090409-01	KC95-202U-090409-01	KC95-202L-090918-01	KC95-202U-090918-01	KC95-202L-100406-01	KC95-202U-100406-01	KC95-202L-101012-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5					
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5					
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC97-209	KC97-209	KC97-209	KC97-209
		10/12/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010
		KC95-202U-101012-01	KC95-202L-110506-01	KC95-202U-110506-01	KC95-202L-111025-01	KC95-202U-111025-01	KC97-209L-090928-01	KC97-209U-090928-01	KC97-209L-101004-01	KC97-209U-101004-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acetophenone	98-86-2									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1									
Bis(2-chloroethyl)ether	111-44-4									
Bromobenzene	108-86-1									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butylbenzene, n-	104-51-8									
Butylbenzene, sec-	135-98-8									
Butylbenzene, tert-	98-06-6									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chloro-1,3-butadiene, 2-	126-99-8									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	1.7	< 0.7	< 0.7	< 0.7
Chloroethane	75-00-3									
Chloroform	67-66-3									
Chloromethane	74-87-3									
Chloronaphthalene, Beta-	91-58-7									
Chlorophenol, 2-	95-57-8									
Chlorotoluene, o-	95-49-8									
Chlorotoluene, p-	106-43-4									
cis-1,3-Dichloropropene	10061-01-5									
Cresol, p-chloro-m-	59-50-7									
Dibromo-3-chloropropane, 1,2-	96-12-8									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-2-butene, trans-1,4-	110-57-6									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7									
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	46	5.4	19.8	3.8
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	24.6	2	5.3	1.5
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	737	265	393	320
Dichloroethylene, 1,2-cis-	156-59-2									
Dichloroethylene, 1,2-trans-	156-60-5									
Dichloropropane, 1,2-	78-87-5									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC97-209	KC97-209	KC97-209	KC97-209
		10/12/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010
		KC95-202U-101012-01	KC95-202L-110506-01	KC95-202U-110506-01	KC95-202L-111025-01	KC95-202U-111025-01	KC97-209L-090928-01	KC97-209U-090928-01	KC97-209L-101004-01	KC97-209U-101004-01
Dichloropropane, 1,3-	142-28-9									
Dichloropropane, 2,2-	594-20-7									
Dichloropropene, 1,1-	563-58-6									
Dichloropropene, trans-1,3-	10061-02-6									
Dioxane, 1,4-	123-91-1									
Ethyl Methacrylate	97-63-2									
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	87-68-3									
Hexanone, 2-	591-78-6									
Iodomethane	74-88-4									
Isobutyl Alcohol	78-83-1									
Isopropylbenzene (Cumene)	98-82-8									
Isopropyltoluene, p-	99-87-6									
Methacrylonitrile	126-98-7									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Methacrylate	80-62-6									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Naphthalene	91-20-3									
Nitrobenzene	98-95-3									
Nitroso-di-N-butylamine, N-	924-16-3									
Propionitrile	107-12-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,1,2-	630-20-6									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3.1	< 0.5	
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	7	70.2	4.3	31.3
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4									
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	499	172	322	122
Xylene, o-	95-47-6									
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Xylenes, m & p										
SVOCs										

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC97-209	KC97-209	KC97-209	KC97-209
		10/12/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010
		KC95-202U-101012-01	KC95-202L-110506-01	KC95-202U-110506-01	KC95-202L-111025-01	KC95-202U-111025-01	KC97-209L-090928-01	KC97-209U-090928-01	KC97-209L-101004-01	KC97-209U-101004-01
Acenaphthene	83-32-9									
Acenaphthylene	208-96-8									
Acetylaminofluorene, 2-	53-96-3									
Aniline	62-53-3									
Anthracene	120-12-7									
Aramite	140-57-8									
Benzo[a]anthracene	56-55-3									
Benzo[a]pyrene	50-32-8									
Benzo[b]fluoranthene	205-99-2									
Benzo[g,h,i]perylene	191-24-2									
Benzo[k]fluoranthene	207-08-9									
Benzyl Alcohol	100-51-6									
Bis(2-chloroethoxy)methane	111-91-1									
Bis(2-ethylhexyl)phthalate	117-81-7									
Bromophenyl phenyl ether, 4-	101-55-3									
Butyl Benzyl Phthlate	85-68-7									
Chloroaniline, 3&4-										
Chlorophenyl-phenylether, 4-	7005-72-3									
Chrysene	218-01-9									
Cresol, 3&4-										
Cresol, o-	95-48-7									
Dibenz[a,h]anthracene	53-70-3									
Dibenzofuran	132-64-9									
Dibutyl Phthalate	84-74-2									
Dichlorobenzidine, 3,3'-	91-94-1									
Dichlorophenol, 2,4-	120-83-2									
Dichlorophenol, 2,6-	87-65-0									
Diethyl Phthalate	84-66-2									
Dimethyl phthalate	131-11-3									
Dimethylamino azobenzene [p-]	60-11-7									
Dimethylbenz(a)anthracene, 7,12-	57-97-6									
Dimethylbenzidine, 3,3'-	119-93-7									
Dimethylphenol, 2,4-	105-67-9									
Dimethylphenylethylamine, a,a-										
Dinitrobenzene, 1,3-	99-65-0									
Dinitro-o-cresol, 4,6-	534-52-1									
Dinitrophenol, 2,4-	51-28-5									
Dinitrotoluene, 2,4-	121-14-2									
Dinitrotoluene, 2,6-	606-20-2									
Di-n-octylphthalate										
Dinoseb	88-85-7									
Ethyl Methanesulfonate	62-50-0									
Fluoranthene	206-44-0									
Fluorene	86-73-7									
Hexachlorobenzene	118-74-1									
Hexachlorocyclopentadiene	77-47-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC97-209	KC97-209	KC97-209	KC97-209
		10/12/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010
		KC95-202U-101012-01	KC95-202L-110506-01	KC95-202U-110506-01	KC95-202L-111025-01	KC95-202U-111025-01	KC97-209L-090928-01	KC97-209U-090928-01	KC97-209L-101004-01	KC97-209U-101004-01
Hexachloroethane	67-72-1									
Hexachlorophene	70-30-4									
Hexachloropropene	1888-71-7									
Indeno[1,2,3-cd]pyrene	193-39-5									
Isophorone	78-59-1									
Isosafrole	120-58-1									
Methapyrilene	91-80-5									
Methyl methanesulfonate	66-27-3									
Methyl-5-Nitroaniline, 2-	99-55-8									
Methylcholanthrene, 3-	56-49-5									
Methylnaphthalene, 2-	91-57-6									
Naphthoquinone, 1,4-	130-15-4									
Naphthylamine, 1-	134-32-7									
Naphthylamine, 2-	91-59-8									
Nitroaniline, 2-	88-74-4									
Nitroaniline, 3-	99-09-2									
Nitroaniline, 4-	100-01-6									
Nitrophenol, 2-	88-75-5									
Nitrophenol, 4-	100-02-7									
Nitroquinoline-n-oxide, 4-	56-57-5									
Nitrosodiethylamine, N-	55-18-5									
Nitrosodimethylamine, N-	62-75-9									
Nitroso-di-N-propylamine, N-	621-64-7									
Nitrosodiphenylamine, N-	86-30-6									
Nitrosomethylethylamine, N-	10595-95-6									
Nitrosomorpholine [N-]	59-89-2									
Nitrosopiperidine [N-]	100-75-4									
Nitrosopyrrolidine, N-	930-55-2									
Pentachlorobenzene	608-93-5									
Pentachloroethane	76-01-7									
Pentachloronitrobenzene	82-68-8									
Pentachlorophenol	87-86-5									
Phenacetin	62-44-2									
Phenanthrene	85-01-8									
Phenol	108-95-2									
Phenylenediamine, p-	106-50-3									
Picoline, 2-	109-06-8									
Pyrene	129-00-0									
Pyridine	110-86-1									
Safrole	94-59-7									
Tetrachlorobenzene, 1,2,4,5-	95-94-3									
Tetrachlorophenol, 2,3,4,6-	58-90-2									
Toluidine, o-	95-53-4									
Trichlorophenol, 2,4,5-	95-95-4									
Trichlorophenol, 2,4,6-	88-06-2									
Trinitrobenzene, 1,3,5-	99-35-4									

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC95-202	KC95-202	KC95-202	KC95-202	KC95-202	KC97-209	KC97-209	KC97-209	KC97-209
		10/12/2010	5/6/2011	5/6/2011	10/25/2011	10/25/2011	9/28/2009	9/28/2009	10/4/2010	10/4/2010
		KC95-202U-101012-01	KC95-202L-110506-01	KC95-202U-110506-01	KC95-202L-111025-01	KC95-202U-111025-01	KC97-209L-090928-01	KC97-209U-090928-01	KC97-209L-101004-01	KC97-209U-101004-01
Metals and Inorganics										
Antimony	7440-36-0									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Cadmium	7440-43-9									
Chloride	16887-00-6									
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Selenium	7782-49-2									
Silver	7440-22-4									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Tin	7440-31-5									
Vanadium	NA									
Zinc	7440-66-6									
PCBs and Dioxins										
Aminobiphenyl, 4-	92-67-1									
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									
Pesticides										
Pronamide (Kerb)	23950-58-5									
Hydrocarbons										
Ethane	74-84-0									
Ethene	74-85-1									
Methane	74-82-2									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC97-209	KC97-209
		10/25/2011	10/25/2011
		KC97-209L-111025-01	KC97-209U-111025-01
VOCs			
Acetone	67-64-1		
Acetonitrile	75-05-8		
Acetophenone	98-86-2		
Acrolein	107-02-8		
Acrylonitrile	107-13-1		
Allyl Chloride	107-05-1		
Benzene	71-43-2	< 2	< 2
Bis(2-chloro-1-methylethyl) ether	108-60-1		
Bis(2-chloroethyl)ether	111-44-4		
Bromobenzene	108-86-1		
Bromodichloromethane	75-27-4		
Bromoform	75-25-2		
Bromomethane	74-83-9		
Butylbenzene, n-	104-51-8		
Butylbenzene, sec-	135-98-8		
Butylbenzene, tert-	98-06-6		
Carbon Disulfide	75-15-0		
Carbon Tetrachloride	56-23-5		
Chloro-1,3-butadiene, 2-	126-99-8		
Chlorobenzene	108-90-7	1.9	< 0.7
Chloroethane	75-00-3		
Chloroform	67-66-3		
Chloromethane	74-87-3		
Chloronaphthalene, Beta-	91-58-7		
Chlorophenol, 2-	95-57-8		
Chlorotoluene, o-	95-49-8		
Chlorotoluene, p-	106-43-4		
cis-1,3-Dichloropropene	10061-01-5		
Cresol, p-chloro-m-	59-50-7		
Dibromo-3-chloropropane, 1,2-	96-12-8		
Dibromochloromethane	124-48-1		
Dibromoethane, 1,2-	106-93-4		
Dibromomethane (Methylene Bromide)	74-95-3		
Dichloro-2-butene, trans-1,4-	110-57-6		
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1
Dichlorobenzene, 1,3-	541-73-1		
Dichlorobenzene, 1,4-	106-46-7		
Dichlorodifluoromethane	75-71-8		
Dichloroethane, 1,1-	75-34-3	66.2	3.8
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	34.7	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	1770	192
Dichloroethylene, 1,2-cis-	156-59-2		
Dichloroethylene, 1,2-trans-	156-60-5		
Dichloropropane, 1,2-	78-87-5		

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC97-209	KC97-209
		10/25/2011	10/25/2011
		KC97-209L-111025-01	KC97-209U-111025-01
Dichloropropane, 1,3-	142-28-9		
Dichloropropane, 2,2-	594-20-7		
Dichloropropene, 1,1-	563-58-6		
Dichloropropene, trans-1,3-	10061-02-6		
Dioxane, 1,4-	123-91-1		
Ethyl Methacrylate	97-63-2		
Ethylbenzene	100-41-4	< 2	< 2
Hexachlorobutadiene	87-68-3		
Hexanone, 2-	591-78-6		
Iodomethane	74-88-4		
Isobutyl Alcohol	78-83-1		
Isopropylbenzene (Cumene)	98-82-8		
Isopropyltoluene, p-	99-87-6		
Methacrylonitrile	126-98-7		
Methyl Ethyl Ketone (2-Butanone)	78-93-3		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5
Methyl Methacrylate	80-62-6		
Methyl tert-Butyl Ether (MTBE)	1634-04-4		
Methylene Chloride	75-09-2		
Naphthalene	91-20-3		
Nitrobenzene	98-95-3		
Nitroso-di-N-butylamine, N-	924-16-3		
Propionitrile	107-12-0		
Propylbenzene, n-	103-65-1		
Styrene	100-42-5		
Tetrachloroethane, 1,1,1,2-	630-20-6		
Tetrachloroethane, 1,1,2,2-	79-34-5		
Tetrachloroethene	127-18-4	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2
Trichlorobenzene, 1,2,3-	87-61-6		
Trichlorobenzene, 1,2,4-	120-82-1		
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5		
Trichloroethene	79-01-6	4.9	1.4
Trichlorofluoromethane	75-69-4	< 1	< 1
Trichloropropane, 1,2,3-	96-18-4		
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5
Trimethylbenzene, 1,2,4-	95-63-6		
Trimethylbenzene, 1,3,5-	108-67-8		
Vinyl Acetate	108-05-4		
Vinyl Chloride	75-01-4	912	171
Xylene, o-	95-47-6		
Xylenes	1330-20-7	< 7	< 7
Xylenes, m & p			
SVOCs			

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC97-209	KC97-209
		10/25/2011	10/25/2011
		KC97-209L-111025-01	KC97-209U-111025-01
Acenaphthene	83-32-9		
Acenaphthylene	208-96-8		
Acetylaminofluorene, 2-	53-96-3		
Aniline	62-53-3		
Anthracene	120-12-7		
Aramite	140-57-8		
Benzo[a]anthracene	56-55-3		
Benzo[a]pyrene	50-32-8		
Benzo[b]fluoranthene	205-99-2		
Benzo[g,h,i]perylene	191-24-2		
Benzo[k]fluoranthene	207-08-9		
Benzyl Alcohol	100-51-6		
Bis(2-chloroethoxy)methane	111-91-1		
Bis(2-ethylhexyl)phthalate	117-81-7		
Bromophenyl phenyl ether, 4-	101-55-3		
Butyl Benzyl Phthlate	85-68-7		
Chloroaniline, 3&4-			
Chlorophenyl-phenylether, 4-	7005-72-3		
Chrysene	218-01-9		
Cresol, 3&4-			
Cresol, o-	95-48-7		
Dibenz[a,h]anthracene	53-70-3		
Dibenzofuran	132-64-9		
Dibutyl Phthalate	84-74-2		
Dichlorobenzidine, 3,3'-	91-94-1		
Dichlorophenol, 2,4-	120-83-2		
Dichlorophenol, 2,6-	87-65-0		
Diethyl Phthalate	84-66-2		
Dimethyl phthalate	131-11-3		
Dimethylamino azobenzene [p-]	60-11-7		
Dimethylbenz(a)anthracene, 7,12-	57-97-6		
Dimethylbenzidine, 3,3'-	119-93-7		
Dimethylphenol, 2,4-	105-67-9		
Dimethylphenylethylamine, a,a-			
Dinitrobenzene, 1,3-	99-65-0		
Dinitro-o-cresol, 4,6-	534-52-1		
Dinitrophenol, 2,4-	51-28-5		
Dinitrotoluene, 2,4-	121-14-2		
Dinitrotoluene, 2,6-	606-20-2		
Di-n-octylphthalate			
Dinoseb	88-85-7		
Ethyl Methanesulfonate	62-50-0		
Fluoranthene	206-44-0		
Fluorene	86-73-7		
Hexachlorobenzene	118-74-1		
Hexachlorocyclopentadiene	77-47-4		

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC97-209	KC97-209
		10/25/2011	10/25/2011
		KC97-209L-111025-01	KC97-209U-111025-01
Hexachloroethane	67-72-1		
Hexachlorophene	70-30-4		
Hexachloropropene	1888-71-7		
Indeno[1,2,3-cd]pyrene	193-39-5		
Isophorone	78-59-1		
Isosafrole	120-58-1		
Methapyrilene	91-80-5		
Methyl methanesulfonate	66-27-3		
Methyl-5-Nitroaniline, 2-	99-55-8		
Methylcholanthrene, 3-	56-49-5		
Methylnaphthalene, 2-	91-57-6		
Naphthoquinone, 1,4-	130-15-4		
Naphthylamine, 1-	134-32-7		
Naphthylamine, 2-	91-59-8		
Nitroaniline, 2-	88-74-4		
Nitroaniline, 3-	99-09-2		
Nitroaniline, 4-	100-01-6		
Nitrophenol, 2-	88-75-5		
Nitrophenol, 4-	100-02-7		
Nitroquinoline-n-oxide, 4-	56-57-5		
Nitrosodiethylamine, N-	55-18-5		
Nitrosodimethylamine, N-	62-75-9		
Nitroso-di-N-propylamine, N-	621-64-7		
Nitrosodiphenylamine, N-	86-30-6		
Nitrosomethylethylamine, N-	10595-95-6		
Nitrosomorpholine [N-]	59-89-2		
Nitrosopiperidine [N-]	100-75-4		
Nitrosopyrrolidine, N-	930-55-2		
Pentachlorobenzene	608-93-5		
Pentachloroethane	76-01-7		
Pentachloronitrobenzene	82-68-8		
Pentachlorophenol	87-86-5		
Phenacetin	62-44-2		
Phenanthrene	85-01-8		
Phenol	108-95-2		
Phenylenediamine, p-	106-50-3		
Picoline, 2-	109-06-8		
Pyrene	129-00-0		
Pyridine	110-86-1		
Safrole	94-59-7		
Tetrachlorobenzene, 1,2,4,5-	95-94-3		
Tetrachlorophenol, 2,3,4,6-	58-90-2		
Toluidine, o-	95-53-4		
Trichlorophenol, 2,4,5-	95-95-4		
Trichlorophenol, 2,4,6-	88-06-2		
Trinitrobenzene, 1,3,5-	99-35-4		

Table A-22
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC91-KC97
Bannister Federal Complex

Chemical	CAS	KC97-209	KC97-209
		10/25/2011	10/25/2011
		KC97-209L-111025-01	KC97-209U-111025-01
Metals and Inorganics			
Antimony	7440-36-0		
Arsenic	7440-38-2		
Barium	7440-39-3		
Beryllium	7440-41-7		
Cadmium	7440-43-9		
Chloride	16887-00-6		
Chromium, Total	7440-47-3		
Cobalt	7440-48-4		
Copper	7440-50-8		
Lead	7439-92-1		
Mercury	7439-97-6		
Nickel	7440-02-0		
Nitrate	14797-55-8		
Selenium	7782-49-2		
Silver	7440-22-4		
Sulfate	14808-79-8		
Thallium (Soluble Salts)	7440-28-0		
Tin	7440-31-5		
Vanadium	NA		
Zinc	7440-66-6		
PCBs and Dioxins			
Aminobiphenyl, 4-	92-67-1		
Aroclor 1016	12674-11-2		
Aroclor 1221	11104-28-2		
Aroclor 1232	11141-16-5		
Aroclor 1242	53469-21-9		
Aroclor 1248	12672-29-6		
Aroclor 1254	11097-69-1		
Aroclor 1260	11096-82-5		
Pesticides			
Pronamide (Kerb)	23950-58-5		
Hydrocarbons			
Ethane	74-84-0		
Ethene	74-85-1		
Methane	74-82-2		

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Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-210	KC98-211	KC98-211	KC98-211	KC98-211	KC98-211	KC98-211	KC98-212	KC98-212
		9/12/2005	4/17/2009	9/16/2009	3/31/2010	10/6/2010	4/26/2011	10/21/2011	4/15/2009	9/16/2009
		KC98-210L-050912-01	KC98-211U-090417-01	KC98-211U-090916-01	KC98-211U-100331-01	KC98-211U-101006-01	KC98-211U-110426-01	KC98-211U-111021-01	KC98-212L-090415-01	KC98-212L-090916-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	71.7	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	1.2	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	25	9.1	7.6	7.9	4.3	3	1.6	1.6	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	200	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	39.9	28.6
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

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Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-212	KC98-212	KC98-212	KC98-212	KC98-213	KC98-214	KC98-215	KC98-216	KC98-219
		3/31/2010	10/6/2010	4/26/2011	10/21/2011	9/9/2005	9/12/2005	9/12/2005	9/9/2005	9/9/2005
		KC98-212L-100331-01	KC98-212L-101006-01	KC98-212L-110426-01	KC98-212L-111021-01	KC98-213L-050909-01	KC98-214U-050912-01	KC98-215L-050912-01	KC98-216U-050909-01	KC98-219U-050909-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	33
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	69	3.1	69	< 0.5	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	11.2	2.7	3.4	< 1.8	210	< 1.8	72	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

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Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-220	KC98-221	KC98-222	KC98-223	KC98-224	KC98-225	KC98-226	KC98-227	KC98-227
		9/12/2005	9/9/2005	9/9/2005	9/12/2005	9/9/2005	9/9/2005	9/9/2005	4/7/2009	4/7/2009
		KC98-220L-050912-01	KC98-221L-050909-01	KC98-222L-050909-01	KC98-223L-050912-01	KC98-224L-050909-01	KC98-225L-050909-01	KC98-226L-050909-01	KC98-227L-090407-01	KC98-227U-090407-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10		
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	6.1	< 5	17	< 5	< 5	< 5	< 5		
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	0.63	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4								< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5		< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4								< 1	< 1
Trichlorotrifluoroethane, 1,1,2-									< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	2.2	< 1.8	< 1.8	< 1.8	< 1.8	13	< 1.8	< 1.8
Xylenes	1330-20-7								< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2								< 0.5	< 0.5
Aroclor 1221	11104-28-2								< 0.5	< 0.5
Aroclor 1232	11141-16-5								< 0.5	< 0.5
Aroclor 1242	53469-21-9								< 0.5	< 0.5
Aroclor 1248	12672-29-6								< 0.5	< 0.5
Aroclor 1254	11097-69-1								< 0.5	< 0.5
Aroclor 1260	11096-82-5								< 0.5	< 0.5

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Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-227	KC98-227	KC98-227	KC98-227	KC98-227	KC98-227	KC98-227	KC98-227	KC98-227
		9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010	4/22/2011	4/22/2011	10/26/2011
		KC98-227L-090924-01	KC98-227U-090924-01	KC98-227L-100401-01	KC98-227U-100401-01	KC98-227L-101012-01	KC98-227U-101012-01	KC98-227L-110422-01	KC98-227U-110422-01	KC98-227L-111026-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

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Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-227	KC98-228	KC98-228	KC98-228	KC98-228	KC98-228	KC98-228	KC98-228	KC98-228
		10/26/2011	4/8/2009	4/8/2009	9/24/2009	9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010
		KC98-227U-111026-01	KC98-228L-090408-01	KC98-228U-090408-01	KC98-228L-090924-01	KC98-228U-090924-01	KC98-228L-100401-01	KC98-228U-100401-01	KC98-228L-101012-01	KC98-228U-101012-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 0.5	< 0.5						
Aroclor 1221	11104-28-2		< 0.5	< 0.5						
Aroclor 1232	11141-16-5		< 0.5	< 0.5						
Aroclor 1242	53469-21-9		< 0.5	< 0.5						
Aroclor 1248	12672-29-6		< 0.5	< 0.5						
Aroclor 1254	11097-69-1		< 0.5	< 0.5						
Aroclor 1260	11096-82-5		< 0.5	< 0.5						

Notes:
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"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-228	KC98-228	KC98-228	KC98-228	KC98-229	KC98-229	KC98-229	KC98-229	KC98-229
		4/22/2011	4/22/2011	10/26/2011	10/26/2011	4/8/2009	4/8/2009	9/24/2009	9/24/2009	4/1/2010
		KC98-228L-110422-01	KC98-228U-110422-01	KC98-228L-111026-01	KC98-228U-111026-01	KC98-229L-090408-01	KC98-229U-090408-01	KC98-229L-090924-01	KC98-229U-090924-01	KC98-229L-100401-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2					< 0.5	< 1.7			
Aroclor 1221	11104-28-2					< 0.5	< 1.7			
Aroclor 1232	11141-16-5					< 0.5	< 1.7			
Aroclor 1242	53469-21-9					< 0.5	< 1.7			
Aroclor 1248	12672-29-6					< 0.5	< 1.7			
Aroclor 1254	11097-69-1					< 0.5	< 1.7			
Aroclor 1260	11096-82-5					< 0.5	< 1.7			

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Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-229	KC98-229	KC98-229	KC98-229	KC98-229	KC98-229	KC98-230	KC98-230	KC98-230
		4/1/2010	10/12/2010	10/12/2010	4/22/2011	4/22/2011	10/26/2011	4/8/2009	4/8/2009	9/24/2009
		KC98-229U-100401-01	KC98-229L-101012-01	KC98-229U-101012-01	KC98-229L-110422-01	KC98-229U-110422-01	KC98-229L-111026-01	KC98-230L-090408-01	KC98-230U-090408-01	KC98-230L-090924-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2							< 0.5	< 0.5	
Aroclor 1221	11104-28-2							< 0.5	< 0.5	
Aroclor 1232	11141-16-5							< 0.5	< 0.5	
Aroclor 1242	53469-21-9							< 0.5	< 0.5	
Aroclor 1248	12672-29-6							< 0.5	< 0.5	
Aroclor 1254	11097-69-1							< 0.5	< 0.5	
Aroclor 1260	11096-82-5							< 0.5	< 0.5	

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Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-230	KC98-230	KC98-230	KC98-230	KC98-230	KC98-230	KC98-230	KC98-230	KC98-230
		9/24/2009	4/1/2010	4/1/2010	10/12/2010	10/12/2010	4/22/2011	4/22/2011	10/26/2011	10/26/2011
		KC98-230U-090924-01	KC98-230L-100401-01	KC98-230U-100401-01	KC98-230L-101012-01	KC98-230U-101012-01	KC98-230L-110422-01	KC98-230U-110422-01	KC98-230L-111026-01	KC98-230U-111026-01
VOCs										
Acetone	67-64-1									
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0									
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3									
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3									
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
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Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-231	KC98-231	KC98-231	KC98-231	KC98-231	KC98-231	KC98-232	KC98-232	KC98-232
		9/23/2009	11/5/2009	10/5/2010	10/5/2010	10/20/2011	10/20/2011	4/16/2009	4/16/2009	9/23/2009
		KC98-231U-090923-01	KC98-231L-091105-01	KC98-231L-101005-01	KC98-231U-101005-01	KC98-231L-111020-01	KC98-231U-111020-01	KC98-232L-090416-01	KC98-232U-090416-01	KC98-232L-090923-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	0.53	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 10	< 10	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
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Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-232	KC98-232	KC98-232	KC98-232	KC98-232	KC98-232	KC98-232	KC98-233	KC98-233
		9/23/2009	4/1/2010	4/1/2010	10/5/2010	10/5/2010	10/20/2011	10/20/2011	10/2/2009	10/15/2010
		KC98-232U-090923-01	KC98-232L-100401-01	KC98-232U-100401-01	KC98-232L-101005-01	KC98-232U-101005-01	KC98-232L-111020-01	KC98-232U-111020-01	KC98-233L-091002-01	KC98-233L-101015-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10		
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1		
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 1	< 1	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4								< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 10	< 10		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1		
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1	< 1	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4								< 1	< 1
Trichlorotrifluoroethane, 1,1,2-									< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7								< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2								< 0.5	< 0.5
Aroclor 1221	11104-28-2								< 0.5	< 0.5
Aroclor 1232	11141-16-5								< 0.5	< 0.5
Aroclor 1242	53469-21-9								< 0.5	< 0.5
Aroclor 1248	12672-29-6								< 0.5	< 0.5
Aroclor 1254	11097-69-1								< 0.5	< 0.5
Aroclor 1260	11096-82-5								< 0.5	< 0.5

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC98-233	KC98-234	KC98-234	KC98-234	KC99-235	KC99-235	KC99-235	KC99-235	KC99-235
		10/28/2011	9/23/2009	10/5/2010	10/20/2011	4/6/2009	10/9/2009	3/29/2010	10/14/2010	5/10/2011
		KC98-233L-111028-01	KC98-234L-090923-01	KC98-234L-101005-01	KC98-234L-111020-01	KC99-235L-090406-01	KC99-235L-091009-01	KC99-235L-100329-01	KC99-235L-101014-01	KC99-235L-110510-01
VOCs										
Acetone	67-64-1		< 10	< 10	< 10					
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0		< 5	< 5	< 5					
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3		< 0.5	< 0.5	< 1					
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	7.6	8.3	6	211	305
Ethylbenzene	100-41-4	< 2				< 2	< 2	< 2	< 2	< 2
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 5	< 5	< 10					
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5		< 0.5	< 0.5	< 1					
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	9.5	3.2
Trichlorofluoromethane	75-69-4	< 1				< 1	< 1	< 1	< 1	< 1
Trichlorotrifluoroethane, 1,1,2-		< 5				< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	3.8	< 1.8	28.8	84.3
Xylenes	1330-20-7	< 7				< 7	< 7	< 7	< 7	< 7
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	1.8
Aroclor 1248	12672-29-6	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

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Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC99-235	KC99-236	KC99-236	KC99-236	KC99-236	KC99-236	KC99-236	KC99-239	KC99-239
		11/2/2011	4/6/2009	10/9/2009	3/29/2010	10/14/2010	5/10/2011	11/2/2011	9/24/2009	10/6/2010
		KC99-235L-111102-01	KC99-236L-090406-01	KC99-236L-091009-01	KC99-236L-100329-01	KC99-236L-101014-01	KC99-236L-110510-01	KC99-236L-111102-01	KC99-239L-090924-01	KC99-239L-101006-01
VOCs										
Acetone	67-64-1								< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0								< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3								< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	0.91	< 0.7	< 0.7	0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	847	1.4	30.9	329	173	1.9	2.1	< 0.5	< 0.5
Ethylbenzene	100-41-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2		
Methyl Ethyl Ketone (2-Butanone)	78-93-3								< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5								< 0.5	< 0.5
Trichloroethene	79-01-6	46.5	< 1.2	1.5	3.4	7.7	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Trichlorotrifluoroethane, 1,1,2-		< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Vinyl Chloride	75-01-4	101	< 1.8	2.4	65.7	14.2	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7	< 7	< 7	< 7	< 7	< 7	< 7	< 7		
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		

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Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC99-239	KC99-240	KC99-240	KC99-241	KC99-241	KC99-242	KC99-242	KC99-242	KC99-242
		10/21/2011	9/13/2005	9/13/2005	9/13/2005	9/13/2005	9/12/2005	9/12/2005	3/12/2007	3/12/2007
		KC99-239L-111021-01	KC99-240L-050913-01	KC99-240U-050913-01	KC99-241L-050913-01	KC99-241U-050913-01	KC99-242L-050912-01	KC99-242U-050912-01	KC99-242L-070312-01	KC99-242U-070312-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	13	< 0.5	11	28	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	< 1.8	9.5	< 1.8	110	4.7	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

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Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC99-243	KC99-243	KC99-244	KC99-245	KC99-246	KC99-246	KC99-246	KC99-246	KC99-247
		9/12/2005	9/12/2005	9/9/2005	9/12/2005	9/12/2005	9/12/2005	3/6/2007	3/6/2007	4/17/2009
		KC99-243L-050912-01	KC99-243U-050912-01	KC99-244L-050909-01	KC99-245L-050912-01	KC99-246L-050912-01	KC99-246U-050912-01	KC99-246L-070306-01	KC99-246U-070306-01	KC99-247L-090417-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	59	6.2	< 0.5	13	< 0.5	0.71	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	80	< 1.8	< 1.8	120	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

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Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC99-247	KC99-247	KC99-247	KC99-247	KC99-247	KC99-248	KC99-248	KC99-248	KC99-248
		9/24/2009	3/31/2010	10/6/2010	4/26/2011	10/21/2011	4/17/2009	9/24/2009	3/31/2010	10/6/2010
		KC99-247L-090924-01	KC99-247L-100331-01	KC99-247L-101006-01	KC99-247L-110426-01	KC99-247L-111021-01	KC99-248L-090417-01	KC99-248L-090924-01	KC99-248L-100331-01	KC99-248L-101006-01
VOCs										
Acetone	67-64-1	< 10	< 10	< 10	< 10	< 10	< 10	59	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	< 0.5	0.95	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-23
Comparison of Site Groundwater Data (Total) to Vapor Intrusion Screening Criteria
Well Locations KC98-KC99
Bannister Federal Complex

Chemical	CAS	KC99-248	KC99-248	KC99-249	KC99-250	KC99-252	KC99-252	KC99-253	KC99-260	KC99-260
		4/26/2011	10/21/2011	9/12/2005	9/12/2005	9/7/2005	3/6/2007	9/7/2005	9/7/2005	3/6/2007
		KC99-248L-110426-01	KC99-248L-111021-01	KC99-249U-050912-01	KC99-250U-050912-01	KC99-252L-050907-01	KC99-252L-070306-01	KC99-253L-050907-01	KC99-260L-050907-01	KC99-260L-070306-01
VOCs										
Acetone	67-64-1	< 10	< 10	22	53	< 10	< 10	< 10	< 10	< 10
Benzene	71-43-2	< 2	< 2	< 2	2.7	< 2	< 2	< 2	< 2	< 2
Carbon Disulfide	75-15-0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	108-90-7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Chloroform	67-66-3	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobenzene, 1,2-	95-50-1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichloroethane, 1,1-	75-34-3	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Dichloroethane, 1,2-	107-06-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichloroethene, 1,1-	75-35-4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloroethene, 1,2- (Total)	540-59-0	0.64	0.69	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	100-41-4									
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 5	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	127-18-4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	108-88-3	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethane, 1,1,1-	71-55-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethane, 1,1,2-	79-00-5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Vinyl Chloride	75-01-4	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Xylenes	1330-20-7									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2									
Aroclor 1232	11141-16-5									
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5									

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

Table A-24
Comparison of Site Groundwater Data (Dissolved) to Tapwater Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT10	GS10-DPT8	GS10-DPT9
		6/29/2011	6/29/2011	6/29/2011
		GS10-DPT10L-110629-02	GS10-DPT8L-110629-02	GS10-DPT9L-110629-02
Metals and Inorganics				
Arsenic	7440-38-2	< 1	< 1	1.5 J
Barium	7440-39-3	199 J	516	543
Cadmium	7440-43-9	0.18 J	0.59 J	0.2 J
Chromium, Total	7440-47-3	1.3 J	1.4 J	1.1 J
Lead	7439-92-1	2.6 J	2.1 J	< 1.8
Mercury	7439-97-6	< 0.05	< 0.05	< 0.05
Selenium	7782-49-2	1.9 J	2 J	< 0.98
Silver	7440-22-4	< 0.24	< 0.24	< 0.24

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health tap water screening criteria.

Table A-25
Comparison of Site Groundwater Data (Dissolved) to Vapor Intrusion Screening Criteria
Bannister Federal Complex

Chemical	CAS	GS10-DPT10	GS10-DPT8	GS10-DPT9
		6/29/2011	6/29/2011	6/29/2011
		GS10-DPT10L-110629-02	GS10-DPT8L-110629-02	GS10-DPT9L-110629-02
Metals and Inorganics				
Arsenic	7440-38-2	< 1	< 1	1.5 J
Barium	7440-39-3	199 J	516	543
Cadmium	7440-43-9	0.18 J	0.59 J	0.2 J
Chromium, Total	7440-47-3	1.3 J	1.4 J	1.1 J
Lead	7439-92-1	2.6 J	2.1 J	< 1.8
Mercury	7439-97-6	< 0.05	< 0.05	< 0.05
Selenium	7782-49-2	1.9 J	2 J	< 0.98
Silver	7440-22-4	< 0.24	< 0.24	< 0.24

Notes:
< = Result is non-detect, less than the reporting limit given.
Yellow highlighting indicates concentration greater than human health vapor intrusion industrial screening criteria.
Orange highlighting indicates concentration greater than human health vapor intrusion residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA1	BLDG50IA1	BLDG50IA1	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2
		2/6/2010	3/27/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/8/2010	11/20/2010
		ARIA1-100206-01	ARIA1-100327-01	ARIA1-101120-01	ARIA2-100206-01	ARIA2P-100206-02	ARIA2-100327-01	ARIA2P-100328-01	ARIA2P-100808-01	ARIA2-101120-01
VOCs										
Acetone	67-64-1			23						13
Acetonitrile	75-05-8			0.19 J						0.38 J
Acrolein	107-02-8			0.95						0.54 J
Acrylonitrile	107-13-1			< 0.73						< 0.73
Allyl Chloride	107-05-1			< 1.7						< 1.7
Benzene	71-43-2	1.2	0.95	2	1		0.7			1.8
Benzyl Chloride	100-44-7			0.26 J						< 0.83
Bromodichloromethane	75-27-4			< 0.54						< 0.54
Bromoform	75-25-2			< 0.83						< 0.83
Bromomethane	74-83-9			0.059 J						0.065 J
Butadiene, 1,3-	106-99-0			< 0.35						< 0.35
Butane, n-	106-97-8			7.9						7.2
Carbon Disulfide	75-15-0			0.048 J						0.074 J
Carbon Tetrachloride	56-23-5			0.54						0.62
Chlorobenzene	108-90-7			< 0.28						< 0.28
Chlorodifluoromethane	75-45-6			2.9						4.5
Chloroethane	75-00-3			< 0.39						< 0.39
Chloroform	67-66-3	0.22 J	< 0.39	0.094 J	0.5		0.09 J			0.14 J
Chloromethane	74-87-3			0.98						0.94
cis-1,3-Dichloropropene	10061-01-5			< 0.79						< 0.79
Cyclohexane	110-82-7			0.98						0.61 J
Decane, n-	124-18-5			70						0.82 J
Dibromochloromethane	124-48-1			< 1.1						< 1.1
Dibromoethane, 1,2-	106-93-4			< 0.61						< 0.61
Dibromomethane (Methylene Bromide)	74-95-3			< 0.4						< 0.4
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2			0.11 J						0.15 J
Dichlorobenzene, 1,2-	95-50-1	< 0.48	< 0.48	< 0.48	< 0.48		< 0.48			< 0.48
Dichlorobenzene, 1,3-	541-73-1			< 0.48						< 0.48
Dichlorobenzene, 1,4-	106-46-7	< 0.48	< 0.48	< 0.48	< 0.48		< 0.48			< 0.48
Dichlorodifluoromethane	75-71-8			3.3						4.3
Dichloroethane, 1,1-	75-34-3			< 0.32						< 0.32
Dichloroethane, 1,2-	107-06-2			< 0.32						0.13 J
Dichloroethene, 1,1-	75-35-4	< 0.32	< 0.32	< 0.32	< 0.32		< 0.32			< 0.32
Dichloroethylene, 1,2-cis-	156-59-2	< 0.32	< 0.32	< 0.36	< 0.32		< 0.32			< 0.36
Dichloroethylene, 1,2-trans-	156-60-5	< 0.32	< 0.32	< 0.32	< 0.32		< 0.32			< 0.32
Dichloropropane, 1,2-	78-87-5			< 0.37						< 0.37
Dichloropropene, trans-1,3-	10061-02-6			< 0.36						< 0.36
Dodecane, n-	112-40-3			3						< 0.7
Ethyl Ether	60-29-7			< 0.35						< 0.35
Ethylbenzene	100-41-4	0.72	0.91	1.9	0.48		0.68			1.4
Heptane, n-				1.5						1.2
Hexachlorobutadiene	87-68-3			< 1.4						< 1.4
Hexane, N-	110-54-3			3.3 B						2.2 B
Hexanone, 2-	591-78-6			0.31 J						0.26 J
Isopropylbenzene (Cumene)	98-82-8			0.46 J						0.18 J
Methyl Ethyl Ketone (2-Butanone)	78-93-3			10						3.6

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA1	BLDG50IA1	BLDG50IA1	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2
		2/6/2010	3/27/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/8/2010	11/20/2010
		ARIA1-100206-01	ARIA1-100327-01	ARIA1-101120-01	ARIA2-100206-01	ARIA2P-100206-02	ARIA2-100327-01	ARIA2P-100328-01	ARIA2P-100808-01	ARIA2-101120-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			0.36 J						0.38 J
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 2.8						< 2.8
Methylene Chloride	75-09-2			1 B						0.52 BJ
Methylstyrene, Alpha-	98-83-9			< 0.77						< 0.77
Naphthalene	91-20-3			0.28 J						0.21 J
Nonane, n-	111-84-2			54						1.8
Octane, n-	111-65-9			1.7						0.42 J
Pentane, n-	109-66-0			2.9						2.5
Propylbenzene, n-	103-65-1			1.2						0.45 J
Styrene	100-42-5			0.26 J						0.15 J
Tetrachloroethane, 1,1,2,2-	79-34-5			< 0.55						0.21 J
Tetrachloroethene	127-18-4	0.2 J	< 0.54	0.16 J	0.15 J		< 0.54			0.22 J
Toluene	108-88-3	3.7	3	7.3 B	2.8		1.8			5.3 B
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,4-	120-82-1			< 3						< 3
Trichloroethane, 1,1,1-	71-55-6			< 0.44						0.11 J
Trichloroethane, 1,1,2-	79-00-5			< 0.61						< 0.61
Trichloroethene	79-01-6	6.8	3.2	0.4	3.7		0.64			1.4
Trichlorofluoromethane	75-69-4			3.4						5.5
Trichlorotrifluoroethane, 1,1,2-				0.51 J						0.6 J
Trimethylbenzene, 1,2,4-	95-63-6			16						3.3
Trimethylbenzene, 1,3,5-	108-67-8			5.6						1
Undecane, n-	1120-21-4			24						0.21 J
Vinyl Acetate	108-05-4			< 1.4						< 1.4
Vinyl Chloride	75-01-4	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2			< 0.2
Xylene, o-	95-47-6	0.77	1.1	2.7	0.43		0.6			2.1
Xylenes, m & p		2.1	3.1	7.4	1.3		2			5.2
PCBs and Dioxins										
PCB-001						7E-05		8.3E-05 S	0.00023 BS	
PCB-002						6.3E-06		8.6E-06	2.8E-05 QB	
PCB-003						2.5E-05		3.4E-05	0.00013	
PCB-004						0.00011		0.00014	0.0004 S	
PCB-005						4E-06		5.6E-06 Q	2.4E-05 Q	
PCB-006						4.7E-05		5.3E-05	0.00027	
PCB-007						1.2E-05		1.2E-05 Q	5.9E-05	
PCB-008						0.0002 B		0.00022 BS	0.00013 QBS	
PCB-009						1.7E-05		1.8E-05	8.1E-05	
PCB-010						6.6E-06 Q		5.9E-06 QS	2.7E-05	
PCB-011						8.7E-05 B		0.00013 B	0.00072 B	
PCB-012						8.8E-06 C		9.6E-06 C	6.3E-05 B C	
PCB-013						8.8E-06 C12		9.6E-06 C12	6.3E-05 B C	
PCB-014						< 0.11		< 0.0767	< 0.193	
PCB-015						3.3E-05 B		4.3E-05	0.00032 B	
PCB-016						5.7E-05		6.4E-05	0.00046	
PCB-017						6.6E-05		7.3E-05	0.00046	
PCB-018						0.00015 B C		0.00017 C	0.00103 B C	
PCB-019						1.9E-05		1.9E-05	9.9E-05	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA1	BLDG50IA1	BLDG50IA1	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2
		2/6/2010	3/27/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/8/2010	11/20/2010
		ARIA1-100206-01	ARIA1-100327-01	ARIA1-101120-01	ARIA2-100206-01	ARIA2P-100206-02	ARIA2-100327-01	ARIA2P-100328-01	ARIA2P-100808-01	ARIA2-101120-01
PCB-020						0.00014 B C		0.00014 B C	0.00131 B C	
PCB-021						8.5E-05 B C		8.7E-05 C	0.00083 B C	
PCB-022						4.4E-05 B		4.6E-05	0.00044 B	
PCB-023						< 0.0674		< 0.033	1.7E-06 J	
PCB-024						2.9E-06		2.7E-06	1.6E-05	
PCB-025						1.1E-05		1E-05	9.5E-05	
PCB-026						2.4E-05 B C		2.4E-05 C	0.00022 C	
PCB-027						8.4E-06		9E-06	6.1E-05	
PCB-028						0.00014 B C		0.00014 B C	0.00131 B C	
PCB-029						2.4E-05 B C		2.4E-05 C26	0.00022 C26	
PCB-030						0.00015 B C		0.00017 C18	0.00103 B C	
PCB-031						0.00014 B		0.00014 B	0.00127 B	
PCB-032						3.7E-05 B		4E-05	0.00027	
PCB-033						8.5E-05 B C		8.7E-05 C21	0.00083 B C	
PCB-034						4.1E-07 QJ		5.5E-07 J	4E-06	
PCB-035						1.6E-06 J		1.2E-06 QJ	1.7E-05	
PCB-036						4.5E-06		< 0.0323	3.8E-05	
PCB-037						1.7E-05		2.1E-05	0.00021 B	
PCB-038						< 0.0695		< 0.034	< 0.158	
PCB-039						6.6E-07		5.5E-07 QJ	< 0.14	
PCB-040						6E-05 C		6.4E-05 C	0.00055 C	
PCB-041						6E-05 C40		6.4E-05 C40	0.00055 C40	
PCB-042						2.7E-05		2.8E-05	0.00023	
PCB-043						< 0.0993		6E-06 C	6.1E-05 C	
PCB-044						0.00029 B C		0.0003 B C	0.00237 B C	
PCB-045						2.2E-05 C		2E-05 C	0.00016 C	
PCB-046						7.5E-06		5.8E-06	5.8E-05	
PCB-047						0.00029 B C		0.0003 B C	0.00237 B C	
PCB-048						2.6E-05		2.5E-05	0.00022	
PCB-049						0.00016 B C		0.00016 C	0.00126 B C	
PCB-050						2.7E-05 C		2.5E-05 C	0.00019 C	
PCB-051						2.2E-05 C45		2E-05 C45	0.00016 C45	
PCB-052						0.00085 B		0.00085	0.00608 B	
PCB-053						2.7E-05 C50		2.5E-05 C50	0.00019 C50	
PCB-054						< 0.0718		< 0.0903	< 0.335	
PCB-055						3.2E-06		1.6E-06 QJ	2.6E-05	
PCB-056						3.5E-05		4.4E-05	0.0004	
PCB-057						< 0.0784		< 0.0478	< 0.218	
PCB-058						< 0.078		< 0.0475	< 0.217	
PCB-059						8.4E-06 C		7.8E-06 C	6.8E-05 C	
PCB-060						1.9E-05		2.2E-05	0.00022	
PCB-061						0.00043 B C		0.00049 C	0.00421 B C	
PCB-062						8.4E-06 C59		7.8E-06 C59	6.8E-05 C59	
PCB-063						4.5E-06		4.7E-06	4.1E-05	
PCB-064						7.9E-05 B		8.4E-05	0.00063 B	
PCB-065						0.00029 B C		0.0003 B C	0.00237 B C	
PCB-066						0.00011 B		0.00012	0.00114 B	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA1	BLDG50IA1	BLDG50IA1	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2
		2/6/2010	3/27/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/8/2010	11/20/2010
		ARIA1-100206-01	ARIA1-100327-01	ARIA1-101120-01	ARIA2-100206-01	ARIA2P-100206-02	ARIA2-100327-01	ARIA2P-100328-01	ARIA2P-100808-01	ARIA2-101120-01
PCB-067						2.4E-06 Q		1.8E-06	2E-05	
PCB-068						< 0.0711		< 0.0433	5.6E-06 Q	
PCB-069						0.00016 B C		0.00016 C49	0.00126 B C	
PCB-070						0.00043 B C		0.00049 C61	0.00421 B C	
PCB-071						6E-05 C40		6.4E-05 C40	0.00055 C40	
PCB-072						< 0.0763		3.8E-07 J	2.9E-06 QJ	
PCB-073						< 0.0993		6E-06 C43	6.1E-05 C43	
PCB-074						0.00043 B C		0.00049 C61	0.00421 B C	
PCB-075						8.4E-06 C59		7.8E-06 C59	6.8E-05 C59	
PCB-076						0.00043 B C		0.00049 C61	0.00421 B C	
PCB-077	32598-13-3					3.5E-06 Q		4.4E-06	5.3E-05	
PCB-078						< 0.081		< 0.0494	2.6E-05	
PCB-079						4E-06		4.1E-06	8.8E-05	
PCB-080						< 0.0694		< 0.0423	< 0.193	
PCB-081	70362-50-4					< 0.0722		< 0.0451	< 0.197	
PCB-082						4.8E-05		5.6E-05	0.00061	
PCB-083						0.00028 C		0.00036 C	0.00348 C	
PCB-084						0.0002		0.00025	0.00218	
PCB-085						6.8E-05 C		8.9E-05 C	0.0009 C	
PCB-086						0.00035 C		0.00045 C	0.00461 C	
PCB-087						0.00035 C86		0.00045 C86	0.00461 C86	
PCB-088						9.1E-05 C		0.00011 C	0.00091 C	
PCB-089						5.4E-06		4.1E-06 Q	5.4E-05	
PCB-090						0.00065 B C		0.00082 C	0.0075 B C	
PCB-091						9.1E-05 C88		0.00011 C88	0.00091 C88	
PCB-092						0.00011		0.00014	0.00128	
PCB-093						1E-05 C		1.9E-06 Q C	< 0.442	
PCB-094						2.8E-06		2.1E-06 Q	2.3E-05	
PCB-095						0.00074 B		0.0009	0.00717	
PCB-096						5.3E-06		4.5E-06 Q	3.8E-05	
PCB-097						0.00035 C86		0.00045 C86	0.00461 C86	
PCB-098						1.9E-05 C		2E-05 C	0.00017 C	
PCB-099						0.00028 C83		0.00036 C83	0.00348 C83	
PCB-100						1E-05 C93		1.9E-06 QC9	< 0.442	
PCB-101						0.00065 B C		0.00082 C90	0.0075 B C	
PCB-102						1.9E-05 C98		2E-05 C98	0.00017 C98	
PCB-103						3.6E-06		3.1E-06	2.9E-05	
PCB-104						< 0.0827		< 0.0878	< 0.332	
PCB-105	32598-14-4					6.7E-05		8.9E-05	0.00111	
PCB-106						< 0.085		< 0.0561	< 0.237	
PCB-107						1.3E-05 C		1.4E-05 C	0.00017 C	
PCB-108						0.00035 C86		0.00045 C86	0.00461 C86	
PCB-109						1.6E-05		2E-05	0.00024	
PCB-110						0.0005 B C		0.00065 C	0.00659 B C	
PCB-111						3.5E-07 QJ		< 0.0825	< 0.312	
PCB-112						< 0.0844		< 0.0896	< 0.339	
PCB-113						0.00065 B C		0.00082 C90	0.0075 B C	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA1	BLDG50IA1	BLDG50IA1	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2
		2/6/2010	3/27/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/8/2010	11/20/2010
		ARIA1-100206-01	ARIA1-100327-01	ARIA1-101120-01	ARIA2-100206-01	ARIA2P-100206-02	ARIA2-100327-01	ARIA2P-100328-01	ARIA2P-100808-01	ARIA2-101120-01
PCB-114	74472-37-0					6.6E-06		6.8E-06	7.9E-05	
PCB-115						0.0005 B C		0.00065 C11	0.00659 B C	
PCB-116						6.8E-05 C85		8.9E-05 C85	0.0009 C85	
PCB-117						6.8E-05 C85		8.9E-05 C85	0.0009 C85	
PCB-118	31508-00-6					0.00025		0.00031	0.00377 B	
PCB-119						0.00035 C86		0.00045 C86	0.00461 C86	
PCB-120						5.2E-07 QJ		< 0.0849	< 0.321	
PCB-121						< 0.0806		< 0.0856	< 0.324	
PCB-122						4.7E-06 Q		2.6E-06 Q	4.5E-05	
PCB-123	65510-44-3					3.9E-06 Q		5.1E-06	4.4E-05	
PCB-124						1.3E-05 C10		1.4E-05 C10	0.00017 C10	
PCB-125						0.00035 C86		0.00045 C86	0.00461 C86	
PCB-126	57465-28-8					1.4E-06 J		3.1E-07 J	2.1E-05	
PCB-127						4.9E-07 J		< 0.0554	5.9E-06	
PCB-128						1.8E-05 C		1.9E-05 C	0.00031 C	
PCB-129						0.00015 B C		0.00017 C	0.00259 C	
PCB-130						1.1E-05		1.1E-05	0.00017	
PCB-131						6.6E-06		5.3E-06	7.9E-05	
PCB-132						9.1E-05		9.8E-05	0.00141	
PCB-133						2.9E-06 Q		2.4E-06	4E-05	
PCB-134						2.4E-05 C		2.1E-05 C	0.00028 C	
PCB-135						8.8E-05 C		0.00011 C	0.00117 C	
PCB-136						6.2E-05		7.5E-05	0.00069	
PCB-137						1.2E-05		1.1E-05	0.00016	
PCB-138						0.00015 B C		0.00017 C12	0.00259 C12	
PCB-139						7.8E-06 C		6.6E-06 C	9E-05 C	
PCB-140						7.8E-06 C13		6.6E-06 C13	9E-05 C13	
PCB-141						3.4E-05		3.5E-05	0.00053	
PCB-142						< 0.123		< 0.0859	< 0.356	
PCB-143						2.4E-05 C13		2.1E-05 C13	0.00028 C13	
PCB-144						1.6E-05		1.8E-05	0.00018	
PCB-145						< 0.0622		< 0.0671	< 0.235	
PCB-146						2.4E-05		2.5E-05	0.00036	
PCB-147						0.00022 C		0.00024 C	0.003 B C	
PCB-148						< 0.0869		< 0.0938	2.2E-06 QJ	
PCB-149						0.00022 C14		0.00024 C14	0.003 B C	
PCB-150						3.3E-07 QJ		< 0.0654	4.2E-06	
PCB-151						8.8E-05 C13		0.00011 C13	0.00117 C13	
PCB-152						7.1E-07 J		< 0.0667	4E-06 Q	
PCB-153						0.00013 B C		0.00014 C	0.00211 B C	
PCB-154						3.7E-06 Q		1.7E-06 QJ	2.2E-05 Q	
PCB-155						< 0.0589		< 0.0636	< 0.223	
PCB-156						7.8E-06 C		9.6E-06 C	0.00014 C	
PCB-157	69782-90-7					7.8E-06 C15		9.6E-06 C15	0.00014 C15	
PCB-158						1.6E-05		1.8E-05	0.00028	
PCB-159						4.2E-07 J		< 0.0571	< 0.237	
PCB-160						0.00015 B C		0.00017 C12	0.00259 C12	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA1	BLDG50IA1	BLDG50IA1	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2
		2/6/2010	3/27/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/8/2010	11/20/2010
		ARIA1-100206-01	ARIA1-100327-01	ARIA1-101120-01	ARIA2-100206-01	ARIA2P-100206-02	ARIA2-100327-01	ARIA2P-100328-01	ARIA2P-100808-01	ARIA2-101120-01
PCB-161						< 0.0811		< 0.0568	< 0.236	
PCB-162						< 0.0805		< 0.0564	4.6E-06 Q	
PCB-163						0.00015 B C		0.00017 C12	0.00259 C12	
PCB-164						9.1E-06		9.8E-06	0.00015	
PCB-165						< 0.0892		< 0.0625	< 0.259	
PCB-166						1.8E-05 C12		1.9E-05 C12	0.00031 C12	
PCB-167	52663-72-6					2.7E-06 Q		3.3E-06	5.2E-05	
PCB-168						0.00013 B C		0.00014 C15	0.00211 B C	
PCB-169	32774-16-6					< 0.068		< 0.0412	< 0.18	
PCB-170						4.1E-06		3.7E-06 Q	7.7E-05	
PCB-171						2.7E-06 Q C		2.4E-06 Q C	5.5E-05 C	
PCB-172						8.2E-07 QJ		8.6E-07 J	1.6E-05	
PCB-173						2.7E-06 Q C		2.4E-06 Q C	5.5E-05 C17	
PCB-174						9.4E-06		1.1E-05	0.00018	
PCB-175						4.9E-07 QJ		4.5E-07 QJ	9E-06	
PCB-176						3.2E-06		2.7E-06	4.8E-05	
PCB-177						4.7E-06		4.8E-06	8.7E-05	
PCB-178						2.7E-06		2.4E-06	4.6E-05	
PCB-179						1.1E-05		1.2E-05	0.00016	
PCB-180						1E-05 C		1.2E-05 C	0.00019 C	
PCB-181						< 0.0509		< 0.047	3.1E-06 J	
PCB-182						< 0.0494		< 0.0457	< 0.151	
PCB-183						8.9E-06 C		9.2E-06 C	0.00015 C	
PCB-184						< 0.042		< 0.0388	< 0.128	
PCB-185						8.9E-06 C18		9.2E-06 C18	0.00015 C18	
PCB-186						< 0.0408		< 0.0377	< 0.125	
PCB-187						1.4E-05		1.6E-05	0.00025	
PCB-188						< 0.0372		< 0.0346	< 0.103	
PCB-189	39635-31-9					< 0.0382		1.7E-07 J	8.9E-07 QJ	
PCB-190						7.1E-07 J		7.3E-07 J	1.2E-05	
PCB-191						< 0.0387		< 0.0358	3.3E-06 QJ	
PCB-192						< 0.0433		< 0.04	< 0.132	
PCB-193						1E-05 C18		1.2E-05 C18	0.00019 C18	
PCB-194						4.9E-07 J		7.4E-07 QJ	7E-06	
PCB-195						< 0.0322		4.8E-07 J	4.3E-06	
PCB-196						< 0.0335		3.6E-07 QJ	9E-06	
PCB-197						< 0.0249		< 0.0347	2E-06 J	
PCB-198						1.2E-06 QJ		1.3E-06 QJ	2.8E-05 C	
PCB-199						1.2E-06 QJ		1.3E-06 QJ	2.8E-05 C19	
PCB-200						3.7E-07 J		3E-07 J	6E-06	
PCB-201						4.3E-07 QJ		3.4E-07 J	9.8E-06	
PCB-202						1E-06 J		1.1E-06 J	1.9E-05 Q	
PCB-203						7.1E-07 QJ		1.3E-06 QJ	1.5E-05	
PCB-204						< 0.0259		< 0.0361	< 0.0729	
PCB-205						< 0.025		< 0.0292	< 0.0718	
PCB-206						2.1E-07 QJ		< 0.0638	3.6E-06 J	
PCB-207						< 0.0265		< 0.0484	7.3E-07 QJ	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA1	BLDG50IA1	BLDG50IA1	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2	BLDG50IA2
		2/6/2010	3/27/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/8/2010	11/20/2010
		ARIA1-100206-01	ARIA1-100327-01	ARIA1-101120-01	ARIA2-100206-01	ARIA2P-100206-02	ARIA2-100327-01	ARIA2P-100328-01	ARIA2P-100808-01	ARIA2-101120-01
PCB-208						< 0.0291		< 0.0528	2.8E-06 QJ	
PCB-209						< 0.0257		< 0.0375	5.5E-07 QBJ	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA2	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3
		11/21/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010	8/6/2010	8/6/2010
		ARIA2P-101121-01	ARIA3-100206-01	ARIA3-100206-02	ARIA3P-100206-02	ARIA3-100327-01	ARIA3-100327-02	ARIA3P-100328-01	ARIA3-100806-01	ARIA3-100806-02
VOCs										
Acetone	67-64-1								29	25
Acetonitrile	75-05-8								0.45 J	0.44 J
Acrolein	107-02-8								2.5	1.4
Acrylonitrile	107-13-1								< 1.7	< 1.7
Allyl Chloride	107-05-1								< 0.25	< 0.25
Benzene	71-43-2		1.9	2		0.54	0.48		0.62	0.68
Benzyl Chloride	100-44-7								< 0.83	< 0.83
Bromodichloromethane	75-27-4								< 0.54	< 0.54
Bromoform	75-25-2								< 0.83	< 0.83
Bromomethane	74-83-9								< 0.31	< 0.31
Butadiene, 1,3-	106-99-0								< 0.35	< 0.35
Butane, n-	106-97-8								12	14
Carbon Disulfide	75-15-0								0.44 J	0.45 J
Carbon Tetrachloride	56-23-5								0.48 J	0.43 J
Chlorobenzene	108-90-7								< 0.37	< 0.37
Chlorodifluoromethane	75-45-6								4.7	5.1
Chloroethane	75-00-3								< 0.21	< 0.21
Chloroform	67-66-3		0.19 J	0.14 J		0.097 J	0.1 J		0.21 J	0.19 J
Chloromethane	74-87-3								1.1	1.4
cis-1,3-Dichloropropene	10061-01-5								< 0.36	< 0.36
Cyclohexane	110-82-7								0.33 J	0.3 J
Decane, n-	124-18-5								3.6	1.3 J
Dibromochloromethane	124-48-1								< 0.68	< 0.68
Dibromoethane, 1,2-	106-93-4								< 0.61	< 0.61
Dibromomethane (Methylene Bromide)	74-95-3								< 1.1	< 1.1
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2								0.092 J	< 0.56
Dichlorobenzene, 1,2-	95-50-1		< 0.48	< 0.48		< 0.48	< 0.48		< 0.48	< 0.48
Dichlorobenzene, 1,3-	541-73-1								< 0.48	< 0.48
Dichlorobenzene, 1,4-	106-46-7		1.3 B	1.3		< 0.48	< 0.48		0.17 J	< 0.48
Dichlorodifluoromethane	75-71-8								2.5	2.5
Dichloroethane, 1,1-	75-34-3								< 0.32	< 0.32
Dichloroethane, 1,2-	107-06-2								0.43	0.46
Dichloroethene, 1,1-	75-35-4		< 0.32	< 0.32		< 0.32	< 0.32		< 0.32	< 0.32
Dichloroethylene, 1,2-cis-	156-59-2		< 0.32	< 0.32		< 0.32	< 0.32		< 0.32	< 0.32
Dichloroethylene, 1,2-trans-	156-60-5		< 0.32	< 0.32		< 0.32	< 0.32		< 0.32	< 0.32
Dichloropropane, 1,2-	78-87-5								< 0.37	< 0.37
Dichloropropene, trans-1,3-	10061-02-6								< 0.36	< 0.36
Dodecane, n-	112-40-3								1.1 J	0.34 J
Ethyl Ether	60-29-7								< 2.4	< 2.4
Ethylbenzene	100-41-4		6.7	7.1		0.83	0.69		0.85	0.84
Heptane, n-									1.2	1.1
Hexachlorobutadiene	87-68-3								< 4.3	< 4.3
Hexane, N-	110-54-3								5.6	10
Hexanone, 2-	591-78-6								0.34 J	0.2 J
Isopropylbenzene (Cumene)	98-82-8								< 0.79	< 0.79
Methyl Ethyl Ketone (2-Butanone)	78-93-3								3.5	2.6

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG50IA2	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3
		11/21/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010	8/6/2010	8/6/2010
		ARIA2P-101121-01	ARIA3-100206-01	ARIA3-100206-02	ARIA3P-100206-02	ARIA3-100327-01	ARIA3-100327-02	ARIA3P-100328-01	ARIA3-100806-01	ARIA3-100806-02
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1								6.7	6.3
Methyl tert-Butyl Ether (MTBE)	1634-04-4								< 1.4	< 1.4
Methylene Chloride	75-09-2								0.75 B	0.92 B
Methylstyrene, Alpha-	98-83-9								< 0.77	< 0.77
Naphthalene	91-20-3								1.2	0.28 J
Nonane, n-	111-84-2								1.7	0.78 J
Octane, n-	111-65-9								0.49 J	0.29 J
Pentane, n-	109-66-0								2.8	0.92 J
Propylbenzene, n-	103-65-1								0.15 J	< 0.79
Styrene	100-42-5								0.26 J	0.28 J
Tetrachloroethane, 1,1,2,2-	79-34-5								< 0.55	< 0.55
Tetrachloroethene	127-18-4		0.5 J	0.38 J		< 0.54	< 0.54		0.54 J	0.58
Toluene	108-88-3		14	17		2.4	1.8		2.3	2.7
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1								1.4	1.5
Trichlorobenzene, 1,2,4-	120-82-1								< 3	< 3
Trichloroethane, 1,1,1-	71-55-6								0.071 J	0.079 J
Trichloroethane, 1,1,2-	79-00-5								< 0.44	< 0.44
Trichloroethene	79-01-6		1.1	0.79		0.18 J	0.17 J		0.3	0.28
Trichlorofluoromethane	75-69-4								53	57
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6								1.3	0.54
Trimethylbenzene, 1,3,5-	108-67-8								0.35 J	0.2 J
Undecane, n-	1120-21-4								2.7	0.75 J
Vinyl Acetate	108-05-4								< 1.4	< 1.4
Vinyl Chloride	75-01-4		< 0.2	< 0.2		< 0.2	< 0.2		< 0.2	< 0.2
Xylene, o-	95-47-6		11	10		0.56	0.52		0.75	0.61
Xylenes, m & p			29	28		2.1	2		8	5.6
PCBs and Dioxins										
PCB-001		3.5E-05 BS			1.8E-05			2E-05 S		
PCB-002		7.1E-06 B			4.8E-06 Q			7.1E-06		
PCB-003		2.4E-05			1.4E-05			1.5E-05		
PCB-004		9.4E-05 BS			5.5E-05			5.2E-05 S		
PCB-005		4.7E-06 QB			2.7E-06 QJ			5E-06		
PCB-006		5.2E-05 B			3.2E-05			4.2E-05		
PCB-007		1.1E-05 QB			7.5E-06 Q			1.2E-05		
PCB-008		0.00023 B			0.00013 B			0.00016 BS		
PCB-009		1.7E-05 Q			1.1E-05			1.2E-05 Q		
PCB-010		5.6E-06 Q			3.6E-06			3.2E-06 Q		
PCB-011		0.00015 B			0.00033 B			0.00041 B		
PCB-012		1.3E-05 Q C			7.8E-06 C			1.1E-05 Q C		
PCB-013		1.3E-05 Q C			7.8E-06 C12			1.1E-05 Q C		
PCB-014		< 0.163			< 0.205			< 0.109		
PCB-015		5.7E-05 B			2.4E-05 B			3.5E-05		
PCB-016		0.00011 B			4.1E-05			5E-05		
PCB-017		0.00011 B			4.6E-05			5.4E-05		
PCB-018		0.00026 B C			0.0001 B C			0.00013 C		
PCB-019		2.8E-05			1.3E-05			1.2E-05		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA2	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3
		11/21/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010	8/6/2010	8/6/2010
		ARIA2P-101121-01	ARIA3-100206-01	ARIA3-100206-02	ARIA3P-100206-02	ARIA3-100327-01	ARIA3-100327-02	ARIA3P-100328-01	ARIA3-100806-01	ARIA3-100806-02
PCB-020		0.00024 B C			9.7E-05 B C			0.00015 B C		
PCB-021		0.00015 B C			6E-05 B C			8.8E-05 C		
PCB-022		8.2E-05 B			3.4E-05 B			4.5E-05		
PCB-023		< 0.134			< 0.192			< 0.0779		
PCB-024		3.7E-06			1.3E-06 QJ			9.7E-07 J		
PCB-025		1.7E-05 B			7.7E-06 Q			1E-05		
PCB-026		4E-05 B C			1.8E-05 B C			2.6E-05 C		
PCB-027		1.6E-05			5.4E-06			6.9E-06		
PCB-028		0.00024 B C			9.7E-05 B C			0.00015 B C		
PCB-029		4E-05 B C			1.8E-05 B C			2.6E-05 C26		
PCB-030		0.00026 B C			0.0001 B C			0.00013 C18		
PCB-031		0.00024 B			9E-05 B			0.00014 B		
PCB-032		7.1E-05 B			2.5E-05 B			2.7E-05		
PCB-033		0.00015 B C			6E-05 B C			8.8E-05 C21		
PCB-034		< 0.132			< 0.189			< 0.0767		
PCB-035		2.5E-06 QJ			2.7E-07 J			1.4E-06 QJ		
PCB-036		7.3E-06			< 0.188			< 0.0762		
PCB-037		3.5E-05 B			1.7E-05			1.6E-05		
PCB-038		< 0.138			< 0.198			< 0.0804		
PCB-039		< 0.123			< 0.176			< 0.0715		
PCB-040		0.00015 B C			3E-05 C			3.4E-05 C		
PCB-041		0.00015 B C			3E-05 C40			3.4E-05 C40		
PCB-042		6.6E-05			1.2E-05			1.5E-05		
PCB-043		1.6E-05 Q C			2E-06 QJ			1.9E-06 Q C		
PCB-044		0.00069 B C			6.8E-05 B C			0.00012 B C		
PCB-045		5.4E-05 B C			1.3E-05 C			2.2E-05 C		
PCB-046		1.5E-05			3.5E-06 J			4.4E-06		
PCB-047		0.00069 B C			6.8E-05 B C			0.00012 B C		
PCB-048		6.4E-05 B			1.2E-05			1.6E-05		
PCB-049		0.00037 B C			3.7E-05 B C			6E-05 C		
PCB-050		5.4E-05 C			9.7E-06 C			1.3E-05 C		
PCB-051		5.4E-05 B C			1.3E-05 C45			2.2E-05 C45		
PCB-052		0.00184 B			0.00012 B			0.00023		
PCB-053		5.4E-05 C50			9.7E-06 C50			1.3E-05 C50		
PCB-054		< 0.145			< 0.253			< 0.19		
PCB-055		< 0.158			6.5E-07 QJ			< 0.0604		
PCB-056		0.0001 B			1.6E-05			1.7E-05		
PCB-057		< 0.15			< 0.152			< 0.0575		
PCB-058		< 0.15			< 0.152			< 0.0572		
PCB-059		1.7E-05 Q C			3.5E-06 J C			4.2E-06 C		
PCB-060		5.3E-05 B			9.7E-06			9.5E-06		
PCB-061		0.00114 B C			9.1E-05 B C			0.00014 C		
PCB-062		1.7E-05 Q C			3.5E-06 J C			4.2E-06 C59		
PCB-063		1E-05			1.2E-06 QJ			1.5E-06 J		
PCB-064		0.0002 B			2.2E-05 B			3.1E-05		
PCB-065		0.00069 B C			6.8E-05 B C			0.00012 B C		
PCB-066		0.0003 B			3.5E-05 B			4.4E-05		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA2	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3
		11/21/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010	8/6/2010	8/6/2010
		ARIA2P-101121-01	ARIA3-100206-01	ARIA3-100206-02	ARIA3P-100206-02	ARIA3-100327-01	ARIA3-100327-02	ARIA3P-100328-01	ARIA3-100806-01	ARIA3-100806-02
PCB-067		4.9E-06			1.1E-06 QJ			7E-07 QJ		
PCB-068		1.8E-06 QBJ			1.7E-06 J			1.6E-06 J		
PCB-069		0.00037 B C			3.7E-05 B C			6E-05 C49		
PCB-070		0.00114 B C			9.1E-05 B C			0.00014 C61		
PCB-071		0.00015 B C			3E-05 C40			3.4E-05 C40		
PCB-072		1.2E-06 QJ			< 0.148			< 0.0559		
PCB-073		1.6E-05 Q C			2E-06 QJ			1.9E-06 Q C		
PCB-074		0.00114 B C			9.1E-05 B C			0.00014 C61		
PCB-075		1.7E-05 Q C			3.5E-06 J C			4.2E-06 C59		
PCB-076		0.00114 B C			9.1E-05 B C			0.00014 C61		
PCB-077	32598-13-3	1.1E-05			1.7E-06 J			1.4E-06 J		
PCB-078		< 0.155			< 0.157			< 0.0594		
PCB-079		1.9E-05			7.2E-07 QJ			4.5E-07 QJ		
PCB-080		< 0.133			< 0.135			< 0.0509		
PCB-081	70362-50-4	< 0.14			< 0.144			< 0.0551		
PCB-082		0.00013			9.9E-06			9.1E-06		
PCB-083		0.00075 B C			5.3E-05 C			8.2E-05 C		
PCB-084		0.00049			3.2E-05			4.7E-05		
PCB-085		0.00018 B C			1.3E-05 Q C			2.1E-05 C		
PCB-086		0.00096 B C			7.4E-05 C			9.4E-05 C		
PCB-087		0.00096 B C			7.4E-05 C86			9.4E-05 C86		
PCB-088		0.00022 C			1.5E-05 C			2.2E-05 C		
PCB-089		1.2E-05 Q			< 0.367			< 0.158		
PCB-090		0.00171 B C			0.00012 B C			0.00018 C		
PCB-091		0.00022 C88			1.5E-05 C88			2.2E-05 C88		
PCB-092		0.00028			2E-05			2.8E-05		
PCB-093		9.3E-06 Q C			< 0.326			5.5E-07 QJ		
PCB-094		4.2E-06 Q			< 0.367			< 0.158		
PCB-095		0.00174 B			0.00012 B			0.00018		
PCB-096		7.2E-06 Q			< 0.274			1E-06 J		
PCB-097		0.00096 B C			7.4E-05 C86			9.4E-05 C86		
PCB-098		4.8E-05 C			< 0.316			3.6E-06 Q C		
PCB-099		0.00075 B C			5.3E-05 C83			8.2E-05 C83		
PCB-100		9.3E-06 Q C			< 0.326			5.5E-07 QJC		
PCB-101		0.00171 B C			0.00012 B C			0.00018 C90		
PCB-102		4.8E-05 C98			< 0.316			3.6E-06 Q C		
PCB-103		6.7E-06			< 0.322			< 0.138		
PCB-104		< 0.169			< 0.244			< 0.105		
PCB-105	32598-14-4	0.00021 B			1.6E-05			1.2E-05		
PCB-106		< 0.2			6.1E-06			8.7E-07 QJ		
PCB-107		3.5E-05 C			2E-06 J C			1.8E-06 Q C		
PCB-108		0.00096 B C			7.4E-05 C86			9.4E-05 C86		
PCB-109		4.3E-05 Q			2.7E-06 J			2.3E-06 Q		
PCB-110		0.0014 B C			9.9E-05 B C			0.00013 C		
PCB-111		1.3E-06 J			< 0.23			< 0.0987		
PCB-112		< 0.172			< 0.25			< 0.107		
PCB-113		0.00171 B C			0.00012 B C			0.00018 C90		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA2	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3
		11/21/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010	8/6/2010	8/6/2010
		ARIA2P-101121-01	ARIA3-100206-01	ARIA3-100206-02	ARIA3P-100206-02	ARIA3-100327-01	ARIA3-100327-02	ARIA3P-100328-01	ARIA3-100806-01	ARIA3-100806-02
PCB-114	74472-37-0	1.8E-05			1.3E-06 QJ			6.2E-07 QJ		
PCB-115		0.0014 B C			9.9E-05 B C			0.00013 C11		
PCB-116		0.00018 B C			1.3E-05 Q C			2.1E-05 C85		
PCB-117		0.00018 B C			1.3E-05 Q C			2.1E-05 C85		
PCB-118	31508-00-6	0.00073 B			5E-05			4.7E-05		
PCB-119		0.00096 B C			7.4E-05 C86			9.4E-05 C86		
PCB-120		< 0.163			< 0.236			< 0.102		
PCB-121		< 0.164			< 0.238			< 0.102		
PCB-122		9.9E-06			< 0.149			2.7E-07 QJ		
PCB-123	65510-44-3	7.5E-06 Q			9.1E-07 QJ			3.4E-07 QJ		
PCB-124		3.5E-05 C10			2E-06 J C			1.8E-06 Q C		
PCB-125		0.00096 B C			7.4E-05 C86			9.4E-05 C86		
PCB-126	57465-28-8	2.9E-06 QJ			< 0.14			< 0.0361		
PCB-127		1.6E-06 QJ			< 0.135			< 0.039		
PCB-128		6.2E-05 C			3.4E-06 J C			1.7E-06 J C		
PCB-129		0.00056 B C			3.2E-05 B C			2.2E-05 C		
PCB-130		3.4E-05			2.2E-06 J			1E-06 J		
PCB-131		1.9E-05			< 0.183			4.7E-07 QJ		
PCB-132		0.00032 B			1.6E-05			1.1E-05		
PCB-133		9.5E-06			< 0.168			< 0.0583		
PCB-134		7.2E-05 C			2.8E-06 QJ			1.8E-06 C		
PCB-135		0.00027 B C			1.9E-05 Q C			2.1E-05 C		
PCB-136		0.00016			1.1E-05			1.2E-05		
PCB-137		3.1E-05			1.8E-06 J			8.9E-07 QJ		
PCB-138		0.00056 B C			3.2E-05 B C			2.2E-05 C12		
PCB-139		2.3E-05 C			6.7E-07 QJ			5.7E-07 QJ		
PCB-140		2.3E-05 C13			6.7E-07 QJ			5.7E-07 QJ		
PCB-141		0.00013 B			7E-06			4E-06 Q		
PCB-142		< 0.327			< 0.176			< 0.0611		
PCB-143		7.2E-05 C13			2.8E-06 QJ			1.8E-06 C13		
PCB-144		4.2E-05			3.9E-06			4.4E-06		
PCB-145		< 0.139			< 0.117			< 0.0694		
PCB-146		8.5E-05			4.4E-06			2.9E-06		
PCB-147		0.00079 B C			4.1E-05 C			3.4E-05 C		
PCB-148		< 0.194			< 0.163			< 0.097		
PCB-149		0.00079 B C			4.1E-05 C14			3.4E-05 C14		
PCB-150		< 0.135			< 0.114			< 0.0676		
PCB-151		0.00027 B C			1.9E-05 Q C			2.1E-05 C13		
PCB-152		1.6E-06 QJ			< 0.116			< 0.0689		
PCB-153		0.00051 B C			2.9E-05 B C			2.2E-05 C		
PCB-154		2.5E-06 QJ			< 0.135			< 0.0804		
PCB-155		< 0.131			< 0.111			< 0.0657		
PCB-156		2.6E-05 C			1.4E-06 J C			8.5E-07 QJ		
PCB-157	69782-90-7	2.6E-05 C15			1.4E-06 J C			8.5E-07 QJ		
PCB-158		5.9E-05			3E-06 J			2E-06		
PCB-159		1.7E-06 QJ			< 0.117			< 0.0407		
PCB-160		0.00056 B C			3.2E-05 B C			2.2E-05 C12		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA2	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3
		11/21/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010	8/6/2010	8/6/2010
		ARIA2P-101121-01	ARIA3-100206-01	ARIA3-100206-02	ARIA3P-100206-02	ARIA3-100327-01	ARIA3-100327-02	ARIA3P-100328-01	ARIA3-100806-01	ARIA3-100806-02
PCB-161		< 0.216			< 0.116			< 0.0405		
PCB-162		1.1E-06 QJ			< 0.115			< 0.0402		
PCB-163		0.00056 B C			3.2E-05 B C			2.2E-05 C12		
PCB-164		3.4E-05			1.7E-06 QJ			1.1E-06 J		
PCB-165		< 0.238			< 0.128			< 0.0445		
PCB-166		6.2E-05 C12			3.4E-06 J C			1.7E-06 J C		
PCB-167	52663-72-6	9.2E-06 Q			< 0.0888			3.2E-07 J		
PCB-168		0.00051 B C			2.9E-05 B C			2.2E-05 C15		
PCB-169	32774-16-6	< 0.199			< 0.0955			< 0.0306		
PCB-170		2.6E-05			7.9E-07 QJ			6.2E-07 QJ		
PCB-171		1.5E-05 C			8.1E-07 QJ			4.3E-07 J C		
PCB-172		5E-06			< 0.108			< 0.0444		
PCB-173		1.5E-05 C17			8.1E-07 QJ			4.3E-07 J C		
PCB-174		5.7E-05			3.3E-06 QJ			2.1E-06		
PCB-175		2.6E-06 QJ			< 0.0972			< 0.0399		
PCB-176		1.5E-05			8.2E-07 J			5.3E-07 QJ		
PCB-177		3.1E-05			1.2E-06 QJ			8.4E-07 J		
PCB-178		1.4E-05			< 0.105			5E-07 J		
PCB-179		5.5E-05			3.7E-06			2.3E-06		
PCB-180		6.7E-05 B C			4.1E-06 C			2.7E-06 C		
PCB-181		< 0.145			< 0.0971			< 0.0399		
PCB-182		< 0.141			< 0.0944			< 0.0387		
PCB-183		4.7E-05 C			2.7E-06 QJ			1.8E-06 C		
PCB-184		< 0.12			< 0.0802			< 0.0329		
PCB-185		4.7E-05 C18			2.7E-06 QJ			1.8E-06 C18		
PCB-186		< 0.116			< 0.0778			< 0.0319		
PCB-187		8.2E-05 B			6.4E-06			3.2E-06		
PCB-188		< 0.0944			< 0.0706			< 0.0309		
PCB-189	39635-31-9	< 0.121			< 0.0655			< 0.0208		
PCB-190		3.8E-06 Q			< 0.0753			< 0.0309		
PCB-191		< 0.111			< 0.074			< 0.0304		
PCB-192		< 0.124			< 0.0826			< 0.0339		
PCB-193		6.7E-05 B C			4.1E-06 C18			2.7E-06 C18		
PCB-194		2.8E-06 J			< 0.0789			< 0.022		
PCB-195		1.6E-06 QJ			< 0.0856			< 0.0239		
PCB-196		3.7E-06			< 0.0895			< 0.0352		
PCB-197		4.9E-07 QJ			< 0.0666			< 0.0262		
PCB-198		9.4E-06 C			1.2E-06 J C			< 0.0363		
PCB-199		9.4E-06 C19			< 0.0631			< 0.0363		
PCB-200		2.1E-06 QJ			1.2E-06 J C			< 0.0257		
PCB-201		2.1E-06 QJ			< 0.0654			< 0.0248		
PCB-202		5.2E-06			< 0.0711			< 0.0279		
PCB-203		5.1E-06			7.8E-07 QJ			< 0.0324		
PCB-204		< 0.0528			< 0.0692			< 0.0272		
PCB-205		< 0.0567			< 0.0654			< 0.0185		
PCB-206		8.5E-07 QJ			< 0.0631			< 0.0476		
PCB-207		< 0.0448			1.2E-06 J C			< 0.0357		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA2	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3
		11/21/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010	8/6/2010	8/6/2010
		ARIA2P-101121-01	ARIA3-100206-01	ARIA3-100206-02	ARIA3P-100206-02	ARIA3-100327-01	ARIA3-100327-02	ARIA3P-100328-01	ARIA3-100806-01	ARIA3-100806-02
PCB-208		5.8E-07 J			< 0.0635			< 0.0387		
PCB-209		< 0.0372			< 0.0737			< 0.031		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA5
		8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/6/2010	11/20/2010	2/6/2010
		ARIA3P-100808-01	ARIA3-101120-01	ARIA3-101120-02	ARIA3P-101121-01	ARIA4-100206-01	ARIA4-100327-01	ARIA4-100806-01	ARIA4-101120-01	ARIA5-100206-01
VOCs										
Acetone	67-64-1		16	19				26	17	
Acetonitrile	75-05-8		0.26 J	0.21 J				0.46 J	0.24 J	
Acrolein	107-02-8		0.84	1				2.2	2.1	
Acrylonitrile	107-13-1		< 0.73	< 0.73				< 1.7	< 0.73	
Allyl Chloride	107-05-1		< 1.7	< 1.7				< 0.25	< 1.7	
Benzene	71-43-2		3.1	2.2		0.98	0.47	0.53	2	0.95
Benzyl Chloride	100-44-7		< 0.83	< 0.83				< 0.83	< 0.83	
Bromodichloromethane	75-27-4		< 0.54	< 0.54				< 0.54	< 0.54	
Bromoform	75-25-2		< 0.83	< 0.83				< 0.83	< 0.83	
Bromomethane	74-83-9		< 0.31	0.081 J				< 0.31	< 0.31	
Butadiene, 1,3-	106-99-0		< 0.35	< 0.35				< 0.35	< 0.35	
Butane, n-	106-97-8		12	7.7				10	7.8	
Carbon Disulfide	75-15-0		0.29 J	0.3 J				0.24 J	0.047 J	
Carbon Tetrachloride	56-23-5		0.61	0.68				0.47 J	0.62	
Chlorobenzene	108-90-7		< 0.28	< 0.28				< 0.37	< 0.28	
Chlorodifluoromethane	75-45-6		3.7	3.7				4.3	3.7	
Chloroethane	75-00-3		< 0.39	0.076 J				< 0.21	< 0.39	
Chloroform	67-66-3		0.15 J	0.17 J		0.18 J	0.099 J	0.2 J	0.13 J	0.18 J
Chloromethane	74-87-3		0.97	1.1				1.1	1	
cis-1,3-Dichloropropene	10061-01-5		< 0.79	< 0.79				< 0.36	< 0.79	
Cyclohexane	110-82-7		0.94	0.67 J				0.37 J	0.71	
Decane, n-	124-18-5		12	25				3.5	27	
Dibromochloromethane	124-48-1		< 1.1	< 1.1				< 0.68	< 1.1	
Dibromoethane, 1,2-	106-93-4		< 0.61	< 0.61				< 0.61	< 0.61	
Dibromomethane (Methylene Bromide)	74-95-3		< 0.4	< 0.4				< 1.1	< 0.4	
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2		0.12 J	< 0.56				0.1 J	0.12 J	
Dichlorobenzene, 1,2-	95-50-1		< 0.48	< 0.48		< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
Dichlorobenzene, 1,3-	541-73-1		< 0.48	< 0.48				< 0.48	< 0.48	
Dichlorobenzene, 1,4-	106-46-7		< 0.48	< 0.48		< 0.48	< 0.48	0.17 J	< 0.48	< 0.48
Dichlorodifluoromethane	75-71-8		3.7	3.4				2.2	3.6	
Dichloroethane, 1,1-	75-34-3		0.12 J	< 0.32				< 0.32	< 0.32	
Dichloroethane, 1,2-	107-06-2		0.12 J	0.13 J				0.37	0.11 J	
Dichloroethene, 1,1-	75-35-4		< 0.32	< 0.32		< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Dichloroethylene, 1,2-cis-	156-59-2		< 0.36	< 0.36		< 0.32	< 0.32	< 0.32	< 0.36	< 0.32
Dichloroethylene, 1,2-trans-	156-60-5		< 0.32	< 0.32		< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Dichloropropane, 1,2-	78-87-5		< 0.37	< 0.37				< 0.37	< 0.37	
Dichloropropene, trans-1,3-	10061-02-6		< 0.36	< 0.36				< 0.36	< 0.36	
Dodecane, n-	112-40-3		0.52 J	2.4 J				1.3 J	1.6 J	
Ethyl Ether	60-29-7		< 0.35	< 0.35				< 2.4	< 0.35	
Ethylbenzene	100-41-4		2.3	1.8		0.67	0.8	0.94	1.7	0.35
Heptane, n-			1.8	2				0.8	1.8	
Hexachlorobutadiene	87-68-3		< 1.4	< 1.4				< 4.3	< 1.4	
Hexane, N-	110-54-3		3.2 B	2.2 B				4.4 J	2.5 B	
Hexanone, 2-	591-78-6		0.13 J	0.3 J				0.52 J	0.14 J	
Isopropylbenzene (Cumene)	98-82-8		0.24 J	0.22 J				< 0.79	0.23 J	
Methyl Ethyl Ketone (2-Butanone)	78-93-3		3	4.6				3.9	5	

TABLE A-26
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Chemical	CAS	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA5
		8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/6/2010	11/20/2010	2/6/2010
		ARIA3P-100808-01	ARIA3-101120-01	ARIA3-101120-02	ARIA3P-101121-01	ARIA4-100206-01	ARIA4-100327-01	ARIA4-100806-01	ARIA4-101120-01	ARIA5-100206-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		3.8	6.2				3.4	0.43 J	
Methyl tert-Butyl Ether (MTBE)	1634-04-4		< 2.8	< 2.8				< 1.4	< 2.8	
Methylene Chloride	75-09-2		0.76 B	0.8 B				0.78 B	1.1 B	
Methylstyrene, Alpha-	98-83-9		< 0.77	< 0.77				< 0.77	< 0.77	
Naphthalene	91-20-3		< 0.82	0.69 J				1.3	0.25 J	
Nonane, n-	111-84-2		21	22				1.7	20	
Octane, n-	111-65-9		1.1	1				0.5 J	0.94	
Pentane, n-	109-66-0		6.9	2.6				2.7	2.8	
Propylbenzene, n-	103-65-1		0.57 J	0.66 J				0.16 J	0.65 J	
Styrene	100-42-5		0.36	0.42				0.26 J	0.28 J	
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.55	< 0.55				< 0.55	< 0.55	
Tetrachloroethene	127-18-4		0.26 J	0.24 J		0.26 J	< 0.54	0.45 J	0.19 J	0.31 J
Toluene	108-88-3		10 B	7 B		2.6	1.8	2.4	6.5 B	2.4
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1							1.4		
Trichlorobenzene, 1,2,4-	120-82-1		< 3	< 3				< 3	< 3	
Trichloroethane, 1,1,1-	71-55-6		1.4	0.12 J				0.068 J	0.077 J	
Trichloroethane, 1,1,2-	79-00-5		< 0.61	< 0.61				< 0.44	< 0.61	
Trichloroethene	79-01-6		1.2	0.53		1.6	0.22	0.27	0.56	0.23
Trichlorofluoromethane	75-69-4		6.2	7.3				48	7.1	
Trichlorotrifluoroethane, 1,1,2-			0.56 J	0.53 J					0.54 J	
Trimethylbenzene, 1,2,4-	95-63-6		2.8	6.3				1.3	6.8	
Trimethylbenzene, 1,3,5-	108-67-8		1.3	2				0.38 J	2.2	
Undecane, n-	1120-21-4		1.3 J	8.6				2.5 J	9.2	
Vinyl Acetate	108-05-4		< 1.4	< 1.4				< 1.4	< 1.4	
Vinyl Chloride	75-01-4		< 0.2	< 0.2		< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Xylene, o-	95-47-6		2.1	2		0.56	0.55	0.81	2	0.36
Xylenes, m & p			9.5	11		1.8	2.2	5.2	6	0.9
PCBs and Dioxins										
PCB-001		3.6E-05 BS			1.9E-05 BS					
PCB-002		1.2E-05 B			7.5E-06 B					
PCB-003		2.6E-05			1.5E-05					
PCB-004		9.2E-05 S			6.2E-05 BS					
PCB-005		5.9E-06			3.3E-06 QBJ					
PCB-006		5.7E-05			4E-05 B					
PCB-007		1.3E-05 Q			8.5E-06 QB					
PCB-008		0.0002 B			0.00011 BS					
PCB-009		1.8E-05			1.2E-05 Q					
PCB-010		4.8E-06 Q			3.7E-06 Q					
PCB-011		0.00074 B			0.00061 B					
PCB-012		1.7E-05 B C			1.7E-05 C					
PCB-013		1.7E-05 B C			1.7E-05 C12					
PCB-014		< 0.2			< 0.176					
PCB-015		4.1E-05 BS			3.2E-05 B					
PCB-016		7.6E-05			5.7E-05 B					
PCB-017		8.1E-05			6E-05 B					
PCB-018		0.00018 B C			0.00014 B C					
PCB-019		1.9E-05			1.3E-05 Q					

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Chemical	CAS	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA5
		8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/6/2010	11/20/2010	2/6/2010
		ARIA3P-100808-01	ARIA3-101120-01	ARIA3-101120-02	ARIA3P-101121-01	ARIA4-100206-01	ARIA4-100327-01	ARIA4-100806-01	ARIA4-101120-01	ARIA5-100206-01
PCB-020		0.00018 B C			0.00013 B C					
PCB-021		0.00011 B C			8.4E-05 B C					
PCB-022		5.8E-05 B			4.3E-05 B					
PCB-023		4.6E-07 J			< 0.0876					
PCB-024		3E-06 J			2.1E-06 J					
PCB-025		1.3E-05			9.3E-06 B					
PCB-026		3.1E-05 C			2.2E-05 B C					
PCB-027		1E-05			8.6E-06					
PCB-028		0.00018 B C			0.00013 B C					
PCB-029		3.1E-05 C26			2.2E-05 B C					
PCB-030		0.00018 B C			0.00014 B C					
PCB-031		0.00018 B			0.00013 B					
PCB-032		4.7E-05			3.9E-05 B					
PCB-033		0.00011 B C			8.4E-05 B C					
PCB-034		6.6E-07 QJ			< 0.0862					
PCB-035		2.6E-06 J			2.2E-06 QJ					
PCB-036		< 0.0918			< 0.0856					
PCB-037		2.1E-05 B			1.9E-05 B					
PCB-038		< 0.0969			< 0.0904					
PCB-039		8.6E-07 BJ			< 0.0803					
PCB-040		5.4E-05 C			5.4E-05 B C					
PCB-041		5.4E-05 C40			5.4E-05 B C					
PCB-042		2.5E-05			2.5E-05					
PCB-043		4.9E-06 Q C			6E-06 C					
PCB-044		0.00015 B C			0.00014 B C					
PCB-045		2.7E-05 C			2.6E-05 B C					
PCB-046		8.3E-06			7.7E-06					
PCB-047		0.00015 B C			0.00014 B C					
PCB-048		2.8E-05			2.7E-05 B					
PCB-049		8.4E-05 B C			7.7E-05 B C					
PCB-050		2E-05 C			1.8E-05 C					
PCB-051		2.7E-05 C45			2.6E-05 B C					
PCB-052		0.00029 B			0.00026 B					
PCB-053		2E-05 C50			1.8E-05 C50					
PCB-054		< 0.212			< 0.113					
PCB-055		1.1E-06 J			2.5E-06 J					
PCB-056		2.2E-05			2.6E-05 B					
PCB-057		< 0.111			< 0.0959					
PCB-058		< 0.111			< 0.0954					
PCB-059		7.6E-06 C			7.8E-06 C					
PCB-060		1.5E-05			1.5E-05 B					
PCB-061		0.00017 B C			0.00017 B C					
PCB-062		7.6E-06 C59			7.8E-06 C59					
PCB-063		2.6E-06 J			2.4E-06 J					
PCB-064		4.4E-05 B			4.5E-05 B					
PCB-065		0.00015 B C			0.00014 B C					
PCB-066		5.6E-05 B			6.3E-05 B					

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Chemical	CAS	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA5
		8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/6/2010	11/20/2010	2/6/2010
		ARIA3P-100808-01	ARIA3-101120-01	ARIA3-101120-02	ARIA3P-101121-01	ARIA4-100206-01	ARIA4-100327-01	ARIA4-100806-01	ARIA4-101120-01	ARIA5-100206-01
PCB-067		1.3E-06 QJ			1.4E-06 J					
PCB-068		9E-07 QJ			9.7E-07 QBJ					
PCB-069		8.4E-05 B C			7.7E-05 B C					
PCB-070		0.00017 B C			0.00017 B C					
PCB-071		5.4E-05 C40			5.4E-05 B C					
PCB-072		< 0.108			< 0.0933					
PCB-073		4.9E-06 Q C			6E-06 C43					
PCB-074		0.00017 B C			0.00017 B C					
PCB-075		7.6E-06 C59			7.8E-06 C59					
PCB-076		0.00017 B C			0.00017 B C					
PCB-077	32598-13-3	2E-06 J			2.5E-06 QJ					
PCB-078		< 0.115			< 0.0991					
PCB-079		1.4E-06 J			1.4E-06 QJ					
PCB-080		< 0.0983			< 0.0849					
PCB-081	70362-50-4	< 0.105			< 0.0893					
PCB-082		1.3E-05			1.2E-05					
PCB-083		7.5E-05 C			6.7E-05 B C					
PCB-084		4.7E-05			4.2E-05					
PCB-085		1.8E-05 C			1.7E-05 B C					
PCB-086		9.7E-05 C			8E-05 B C					
PCB-087		9.7E-05 C86			8E-05 B C					
PCB-088		2.3E-05 C			2.1E-05 C					
PCB-089		< 0.209			< 0.131					
PCB-090		0.00017 B C			0.00015 B C					
PCB-091		2.3E-05 C88			2.1E-05 C88					
PCB-092		2.5E-05			2.3E-05					
PCB-093		8.8E-07 QJ			1.6E-06 QJ					
PCB-094		< 0.209			< 0.131					
PCB-095		0.00018			0.00017 B					
PCB-096		1.7E-06 J			9E-07 QJ					
PCB-097		9.7E-05 C86			8E-05 B C					
PCB-098		4E-06 Q C			5.2E-06 C					
PCB-099		7.5E-05 C83			6.7E-05 B C					
PCB-100		8.8E-07 QJ			1.6E-06 QJ					
PCB-101		0.00017 B C			0.00015 B C					
PCB-102		4E-06 Q C			5.2E-06 C98					
PCB-103		< 0.183			< 0.115					
PCB-104		< 0.139			< 0.0872					
PCB-105	32598-14-4	1.8E-05 Q			1.8E-05 B					
PCB-106		1.1E-06 QJ			1.4E-06 QJ					
PCB-107		2.4E-06 QJ			2.8E-06 J C					
PCB-108		9.7E-05 C86			8E-05 B C					
PCB-109		4.1E-06			2.9E-06 J					
PCB-110		0.00013 B C			0.00011 B C					
PCB-111		< 0.131			< 0.0819					
PCB-112		< 0.142			< 0.089					
PCB-113		0.00017 B C			0.00015 B C					

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Chemical	CAS	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA5
		8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/6/2010	11/20/2010	2/6/2010
		ARIA3P-100808-01	ARIA3-101120-01	ARIA3-101120-02	ARIA3P-101121-01	ARIA4-100206-01	ARIA4-100327-01	ARIA4-100806-01	ARIA4-101120-01	ARIA5-100206-01
PCB-114	74472-37-0	1.4E-06 J			1.3E-06 J					
PCB-115		0.00013 B C			0.00011 B C					
PCB-116		1.8E-05 C85			1.7E-05 B C					
PCB-117		1.8E-05 C85			1.7E-05 B C					
PCB-118	31508-00-6	6.9E-05 B			5.8E-05 B					
PCB-119		9.7E-05 C86			8E-05 B C					
PCB-120		< 0.134			< 0.0843					
PCB-121		< 0.135			< 0.085					
PCB-122		1.2E-06 J			6.8E-07 J					
PCB-123	65510-44-3	8.1E-07 QJ			6.5E-07 QJ					
PCB-124		2.4E-06 Q C			2.8E-06 J C					
PCB-125		9.7E-05 C86			8E-05 B C					
PCB-126	57465-28-8	< 0.107			< 0.106					
PCB-127		< 0.0943			< 0.094					
PCB-128		4.4E-06 C			4.2E-06 C					
PCB-129		4.2E-05 C			4.2E-05 B C					
PCB-130		2.8E-06 J			1.7E-06 QJ					
PCB-131		1.2E-06 QJ			< 0.17					
PCB-132		2.3E-05			2.3E-05 B					
PCB-133		< 0.158			9.4E-07 J					
PCB-134		4E-06 Q C			4.7E-06 C					
PCB-135		2.4E-05 C			2.9E-05 B C					
PCB-136		1.5E-05			1.7E-05					
PCB-137		2.6E-06 QJ			2.1E-06 QJ					
PCB-138		4.2E-05 C12			4.2E-05 B C					
PCB-139		1.3E-06 J C			9.4E-07 QJ					
PCB-140		1.3E-06 J C			9.4E-07 QJ					
PCB-141		1E-05			1.1E-05 B					
PCB-142		< 0.165			< 0.163					
PCB-143		4E-06 Q C			4.7E-06 C13					
PCB-144		3.7E-06 Q			4.4E-06					
PCB-145		< 0.125			< 0.0792					
PCB-146		4.8E-06 Q			6.7E-06					
PCB-147		6.1E-05 B C			7.1E-05 B C					
PCB-148		< 0.175			< 0.111					
PCB-149		6.1E-05 B C			7.1E-05 B C					
PCB-150		< 0.122			< 0.0772					
PCB-151		2.4E-05 C13			2.9E-05 B C					
PCB-152		< 0.124			< 0.0787					
PCB-153		4.1E-05 B C			4.5E-05 B C					
PCB-154		2.2E-06 QJ			3.4E-07 QJ					
PCB-155		< 0.118			< 0.075					
PCB-156		1.6E-06 J C			1.5E-06 QJ					
PCB-157	69782-90-7	1.6E-06 J C			1.5E-06 QJ					
PCB-158		4.6E-06			4.3E-06					
PCB-159		< 0.11			< 0.109					
PCB-160		4.2E-05 C12			4.2E-05 B C					

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Chemical	CAS	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA5
		8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/6/2010	11/20/2010	2/6/2010
		ARIA3P-100808-01	ARIA3-101120-01	ARIA3-101120-02	ARIA3P-101121-01	ARIA4-100206-01	ARIA4-100327-01	ARIA4-100806-01	ARIA4-101120-01	ARIA5-100206-01
PCB-161		< 0.11			< 0.108					
PCB-162		< 0.109			< 0.107					
PCB-163		4.2E-05 C12			4.2E-05 B C					
PCB-164		2.6E-06 J			1.9E-06 QJ					
PCB-165		< 0.12			< 0.119					
PCB-166		4.4E-06 C12			4.2E-06 C12					
PCB-167	52663-72-6	< 0.0824			5.6E-07 QJ					
PCB-168		4.1E-05 B C			4.5E-05 B C					
PCB-169	32774-16-6	< 0.0899			< 0.0984					
PCB-170		< 0.104			1.3E-06 QJ					
PCB-171		7.1E-07 QJ			1.4E-06 J C					
PCB-172		< 0.0939			< 0.075					
PCB-173		7.1E-07 QJ			1.4E-06 J C					
PCB-174		3.9E-06			4.9E-06					
PCB-175		< 0.0844			< 0.0674					
PCB-176		1.1E-06 QJ			1.5E-06 J					
PCB-177		1.5E-06 QJ			2.2E-06 J					
PCB-178		< 0.0913			1.6E-06 J					
PCB-179		5.1E-06			7E-06					
PCB-180		3.9E-06 C			5.7E-06 B C					
PCB-181		< 0.0844			< 0.0674					
PCB-182		< 0.082			< 0.0655					
PCB-183		3.2E-06 QJ			4.5E-06 C					
PCB-184		< 0.0696			< 0.0556					
PCB-185		3.2E-06 QJ			4.5E-06 C18					
PCB-186		< 0.0676			< 0.054					
PCB-187		6.2E-06			8.7E-06 B					
PCB-188		< 0.0584			< 0.0445					
PCB-189	39635-31-9	< 0.0475			< 0.0569					
PCB-190		< 0.0654			< 0.0522					
PCB-191		< 0.0643			< 0.0513					
PCB-192		< 0.0718			< 0.0573					
PCB-193		3.9E-06 C18			5.7E-06 BJ					
PCB-194		< 0.0474			< 0.0578					
PCB-195		< 0.0515			< 0.0627					
PCB-196		< 0.0623			< 0.0535					
PCB-197		< 0.0463			< 0.0398					
PCB-198		6.5E-07 QJ			1.2E-06 J C					
PCB-199		6.5E-07 QJ			1.2E-06 J C					
PCB-200		< 0.0455			< 0.0391					
PCB-201		< 0.0439			< 0.0378					
PCB-202		< 0.0495			5.2E-07 QJ					
PCB-203		< 0.0574			4.7E-07 QJ					
PCB-204		< 0.0482			< 0.0414					
PCB-205		< 0.0399			< 0.0487					
PCB-206		< 0.0495			< 0.0558					
PCB-207		< 0.0346			< 0.0383					

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA3	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA4	BLDG50IA5
		8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/6/2010	11/20/2010	2/6/2010
		ARIA3P-100808-01	ARIA3-101120-01	ARIA3-101120-02	ARIA3P-101121-01	ARIA4-100206-01	ARIA4-100327-01	ARIA4-100806-01	ARIA4-101120-01	ARIA5-100206-01
PCB-208		< 0.0356			< 0.0389					
PCB-209		< 0.0485			< 0.0437					

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA50-1	BLDG50IA50-1
		2/6/2010	3/27/2010	3/28/2010	8/6/2010	8/8/2010	11/20/2010	11/21/2010	1/29/2008	1/29/2008
		ARIA5P-100206-02	ARIA5-100327-01	ARIA5P-100328-01	ARIA5-100806-01	ARIA5P-100808-01	ARIA5-101120-01	ARIA5P-101121-01	ARIA501-080129-01	ARIA501D-080129-01
VOCs										
Acetone	67-64-1				29		34			
Acetonitrile	75-05-8				0.44 J		0.42 J			
Acrolein	107-02-8				2.8		1.6			
Acrylonitrile	107-13-1				< 1.7		< 0.73			
Allyl Chloride	107-05-1				< 0.25		< 1.7			
Benzene	71-43-2		0.45		0.58		1.4			
Benzyl Chloride	100-44-7				< 0.83		< 0.83			
Bromodichloromethane	75-27-4				< 0.54		< 0.54			
Bromoform	75-25-2				< 0.83		< 0.83			
Bromomethane	74-83-9				< 0.31		< 0.31			
Butadiene, 1,3-	106-99-0				< 0.35		< 0.35			
Butane, n-	106-97-8				7.4		7.2			
Carbon Disulfide	75-15-0				0.31 J		0.066 J			
Carbon Tetrachloride	56-23-5				0.6		0.58			
Chlorobenzene	108-90-7				< 0.37		< 0.28			
Chlorodifluoromethane	75-45-6				7.3		4.8			
Chloroethane	75-00-3				0.041 J		< 0.39			
Chloroform	67-66-3		0.12 J		0.23 J		0.15 J			
Chloromethane	74-87-3				1.2		1.1			
cis-1,3-Dichloropropene	10061-01-5				< 0.36		< 0.79			
Cyclohexane	110-82-7				0.2 J		0.44 J			
Decane, n-	124-18-5				2.6		1 J			
Dibromochloromethane	124-48-1				< 0.68		< 1.1			
Dibromoethane, 1,2-	106-93-4				< 0.61		< 0.61			
Dibromomethane (Methylene Bromide)	74-95-3				< 1.1		< 0.4			
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2				0.1 J		0.1 J			
Dichlorobenzene, 1,2-	95-50-1		< 0.48		< 0.48		< 0.48			
Dichlorobenzene, 1,3-	541-73-1				< 0.48		< 0.48			
Dichlorobenzene, 1,4-	106-46-7		< 0.48		0.32 J		< 0.48			
Dichlorodifluoromethane	75-71-8				2.3		2.6			
Dichloroethane, 1,1-	75-34-3				< 0.32		< 0.32			
Dichloroethane, 1,2-	107-06-2				0.25 J		0.12 J			
Dichloroethene, 1,1-	75-35-4		< 0.32		< 0.32		< 0.32			
Dichloroethylene, 1,2-cis-	156-59-2		< 0.32		< 0.32		< 0.36		< 0.13	< 0.14
Dichloroethylene, 1,2-trans-	156-60-5		< 0.32		< 0.32		< 0.32		< 0.64	< 0.72
Dichloropropane, 1,2-	78-87-5				< 0.37		< 0.37			
Dichloropropene, trans-1,3-	10061-02-6				< 0.36		< 0.36			
Dodecane, n-	112-40-3				0.99 J		0.32 J			
Ethyl Ether	60-29-7				< 2.4		< 0.35			
Ethylbenzene	100-41-4		0.47		0.72		0.94			
Heptane, n-					0.96		1.6			
Hexachlorobutadiene	87-68-3				< 4.3		< 1.4			
Hexane, N-	110-54-3				23		1.8 B			
Hexanone, 2-	591-78-6				0.31 J		0.18 J			
Isopropylbenzene (Cumene)	98-82-8				< 0.79		< 1			
Methyl Ethyl Ketone (2-Butanone)	78-93-3				3.1		3.5			

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA50-1	BLDG50IA50-1
		2/6/2010	3/27/2010	3/28/2010	8/6/2010	8/8/2010	11/20/2010	11/21/2010	1/29/2008	1/29/2008
		ARIA5P-100206-02	ARIA5-100327-01	ARIA5P-100328-01	ARIA5-100806-01	ARIA5P-100808-01	ARIA5-101120-01	ARIA5P-101121-01	ARIA501-080129-01	ARIA501D-080129-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1				4.3		0.23 J			
Methyl tert-Butyl Ether (MTBE)	1634-04-4				< 1.4		< 2.8			
Methylene Chloride	75-09-2				0.67 J B		0.41 BJ			
Methylstyrene, Alpha-	98-83-9				< 0.77		< 0.77			
Naphthalene	91-20-3				0.64 J		< 0.82			
Nonane, n-	111-84-2				1.1		4.6			
Octane, n-	111-65-9				0.4 J		0.39 J			
Pentane, n-	109-66-0				0.82 J		2.2			
Propylbenzene, n-	103-65-1				0.15 J		0.22 J			
Styrene	100-42-5				0.38		0.29 J			
Tetrachloroethane, 1,1,2,2-	79-34-5				< 0.55		< 0.55			
Tetrachloroethene	127-18-4		< 0.54		2.6		0.35 J			
Toluene	108-88-3		1.2		2.1		3.8 B			
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				0.94					
Trichlorobenzene, 1,2,4-	120-82-1				< 3		< 3			
Trichloroethane, 1,1,1-	71-55-6				< 0.44		< 0.44			
Trichloroethane, 1,1,2-	79-00-5				< 0.44		< 0.61			
Trichloroethene	79-01-6		< 0.21		0.19 J		< 0.21		4.2	4.2
Trichlorofluoromethane	75-69-4				23		1.3			
Trichlorotrifluoroethane, 1,1,2-							0.49 J			
Trimethylbenzene, 1,2,4-	95-63-6				1		1.2			
Trimethylbenzene, 1,3,5-	108-67-8				0.3 J		0.36 J			
Undecane, n-	1120-21-4				1.6 J		0.44 J			
Vinyl Acetate	108-05-4				< 1.4		< 1.4			
Vinyl Chloride	75-01-4		< 0.2		< 0.2		< 0.2		< 0.041	< 0.047
Xylene, o-	95-47-6		0.36		0.7		0.98			
Xylenes, m & p			1.3		6		2.6			
PCBs and Dioxins										
PCB-001		1.2E-05 S		2.1E-05 S		2.8E-05 BS		1.1E-05 BS		
PCB-002		4.3E-06		7.7E-06		9.6E-06 B		4.3E-06 B		
PCB-003		9.9E-06		1.8E-05		1.9E-05		8.6E-06		
PCB-004		3.2E-05 S		4.7E-05 S		5.7E-05 S		3.5E-05 QBS		
PCB-005		1.5E-06 QJ		4E-06 Q		2.8E-06 QJ		2.1E-06 QBJ		
PCB-006		1.9E-05		3E-05		3.4E-05 Q		2.4E-05 QB		
PCB-007		5.5E-06		1.1E-05		8.3E-06 Q		6.4E-06 B		
PCB-008		7.2E-05 B		0.00011 BS		0.00011 BS		7.3E-05 BS		
PCB-009		6.6E-06		1.2E-05		1E-05 Q		7.4E-06 Q		
PCB-010		2.3E-06 Q		3.5E-06 Q		2.9E-06 QJ		3E-06 QJ		
PCB-011		0.00067 B		0.00052 B		0.00155 B		0.00149 B		
PCB-012		8.9E-06 C		1E-05 Q C		1.5E-05 QB		1.7E-05 C		
PCB-013		8.9E-06 C12		1E-05 Q C		1.5E-05 QB		1.7E-05 C12		
PCB-014		< 0.094		< 0.162		< 0.191		< 0.271		
PCB-015		1.4E-05 B		2.5E-05 Q		2.2E-05 BS		1.4E-05 B		
PCB-016		2.6E-05		3.3E-05		3.9E-05		2.7E-05 B		
PCB-017		3.1E-05		3.7E-05		4.2E-05		3.2E-05 B		
PCB-018		6.7E-05 B C		8E-05 C		9.4E-05 B C		7.3E-05 B C		
PCB-019		8.4E-06		1.1E-05		1E-05		8.3E-06		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA50-1	BLDG50IA50-1
		2/6/2010	3/27/2010	3/28/2010	8/6/2010	8/8/2010	11/20/2010	11/21/2010	1/29/2008	1/29/2008
		ARIA5P-100206-02	ARIA5-100327-01	ARIA5P-100328-01	ARIA5-100806-01	ARIA5P-100808-01	ARIA5-101120-01	ARIA5P-101121-01	ARIA501-080129-01	ARIA501D-080129-01
PCB-020		5.6E-05 B C		7.6E-05 B C		8.8E-05 B C		5.6E-05 B C		
PCB-021		3.3E-05 B C		4.7E-05 C		5.4E-05 B C		3.4E-05 B C		
PCB-022		1.7E-05 B		2.6E-05		2.8E-05 B		1.8E-05 B		
PCB-023		< 0.0692		< 0.0744		< 0.0805		< 0.116		
PCB-024		7.5E-07 QJ		1.7E-06 QJ		1.6E-06 J		7.4E-07 QJ		
PCB-025		4.7E-06		6.7E-06		6.6E-06		3.5E-06 B		
PCB-026		1E-05 B C		1.4E-05 C		1.4E-05 Q C		9.7E-06 B C		
PCB-027		4E-06		5.3E-06 Q		4.5E-06		4E-06		
PCB-028		5.6E-05 B C		7.6E-05 B C		8.8E-05 B C		5.6E-05 B C		
PCB-029		1E-05 B C		1.4E-05 C26		1.4E-05 Q C		9.7E-06 B C		
PCB-030		6.7E-05 B C		8E-05 C18		9.4E-05 B C		7.3E-05 B C		
PCB-031		5.4E-05 B		7.2E-05 B		8.5E-05 B		4.9E-05 B		
PCB-032		1.7E-05 B		2E-05		2.5E-05		1.7E-05 B		
PCB-033		3.3E-05 B C		4.7E-05 C21		5.4E-05 B C		3.4E-05 B C		
PCB-034		< 0.0681		< 0.0733		< 0.0793		< 0.115		
PCB-035		1.7E-06		1.7E-06 J		1.9E-06 QJ		1E-06 QJ		
PCB-036		1.1E-06 QJ		< 0.0728		1.8E-07 QJ		< 0.114		
PCB-037		5.5E-06		9.8E-06		1E-05 B		4.2E-06 B		
PCB-038		< 0.0713		< 0.0768		< 0.0831		< 0.12		
PCB-039		< 0.0634		8.2E-07 J		< 0.0738		< 0.107		
PCB-040		1.2E-05 C		1.6E-05 C		2.3E-05 C		1.6E-05 B C		
PCB-041		1.2E-05 C40		1.6E-05 C40		2.3E-05 C40		1.6E-05 B C		
PCB-042		5.7E-06		6.7E-06		9.9E-06 Q		6E-06		
PCB-043		1.1E-06 J C		8.1E-07 QJ		2.4E-06 J C		1.5E-06 QJ		
PCB-044		3.6E-05 B C		4E-05 B C		6.7E-05 B C		4.9E-05 B C		
PCB-045		8.7E-06 C		8.3E-06 C		1.6E-05 C		9.8E-06 B C		
PCB-046		2.2E-06		2E-06		3.4E-06 QJ		2.3E-06 J		
PCB-047		3.6E-05 B C		4E-05 B C		6.7E-05 B C		4.9E-05 B C		
PCB-048		6.6E-06		7.9E-06		1.1E-05		7.7E-06 B		
PCB-049		1.9E-05 B C		2.2E-05 C		3.5E-05 B C		2.5E-05 B C		
PCB-050		6E-06 C		5.6E-06 C		8.6E-06 Q C		6.6E-06 Q C		
PCB-051		8.7E-06 C45		8.3E-06 C45		1.6E-05 C45		9.8E-06 B C		
PCB-052		5.8E-05 B		6.4E-05		0.00011 B		8.9E-05 B		
PCB-053		6E-06 C50		5.6E-06 C50		8.6E-06 Q C		6.6E-06 Q C		
PCB-054		< 0.0836		< 0.24		< 0.151		< 0.104		
PCB-055		< 0.0704		3.4E-07 QJ		8E-07 QJ		< 0.106		
PCB-056		5.5E-06		7.8E-06		1E-05		4.5E-06 QB		
PCB-057		< 0.067		< 0.0551		< 0.0925		< 0.101		
PCB-058		< 0.0667		< 0.0548		< 0.092		< 0.1		
PCB-059		1.9E-06 C		2E-06 Q C		3.1E-06 J C		2.7E-06 J C		
PCB-060		3.4E-06		4.8E-06		5.8E-06		2.5E-06 BJ		
PCB-061		3.7E-05 B C		4.7E-05 C		6.5E-05 B C		4E-05 B C		
PCB-062		1.9E-06 C59		2E-06 Q C		3.1E-06 J C		2.7E-06 J C		
PCB-063		6E-07 J		9.9E-07 J		8.4E-07 QJ		< 0.0936		
PCB-064		9.9E-06 B		1.2E-05		2E-05 B		1.3E-05 B		
PCB-065		3.6E-05 B C		4E-05 B C		6.7E-05 B C		4.9E-05 B C		
PCB-066		1.3E-05 B		1.8E-05		2.4E-05 B		1.4E-05 B		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA50-1	BLDG50IA50-1
		2/6/2010	3/27/2010	3/28/2010	8/6/2010	8/8/2010	11/20/2010	11/21/2010	1/29/2008	1/29/2008
		ARIA5P-100206-02	ARIA5-100327-01	ARIA5P-100328-01	ARIA5-100806-01	ARIA5P-100808-01	ARIA5-101120-01	ARIA5P-101121-01	ARIA501-080129-01	ARIA501D-080129-01
PCB-067		4.6E-07 J		5.8E-07 QJ		6.9E-07 J		< 0.0908		
PCB-068		5.1E-07 QJ		6.7E-07 J		1.2E-06 J		1.1E-06 BJ		
PCB-069		1.9E-05 B C		2.2E-05 C49		3.5E-05 B C		2.5E-05 B C		
PCB-070		3.7E-05 B C		4.7E-05 C61		6.5E-05 B C		4E-05 B C		
PCB-071		1.2E-05 C40		1.6E-05 C40		2.3E-05 C40		1.6E-05 B C		
PCB-072		< 0.0652		< 0.0536		< 0.09		< 0.0982		
PCB-073		1.1E-06 J C		8.1E-07 QJ		2.4E-06 J C		1.5E-06 QJ		
PCB-074		3.7E-05 B C		4.7E-05 C61		6.5E-05 B C		4E-05 B C		
PCB-075		1.9E-06 C59		2E-06 Q C		3.1E-06 J C		2.7E-06 J C		
PCB-076		3.7E-05 B C		4.7E-05 C61		6.5E-05 B C		4E-05 B C		
PCB-077	32598-13-3	4.9E-07 QJ		1E-06 QJ		8.8E-07 QJ		5.4E-07 QJ		
PCB-078		< 0.0692		< 0.0569		< 0.0956		< 0.104		
PCB-079		< 0.0608		< 0.0499		< 0.0839		< 0.0916		
PCB-080		< 0.0593		< 0.0488		< 0.0819		< 0.0894		
PCB-081	70362-50-4	< 0.0639		< 0.0532		< 0.0803		< 0.0915		
PCB-082		3E-06		6.1E-06		5.7E-06		2.6E-06 QJ		
PCB-083		1.6E-05 C		3.1E-05 C		2.9E-05 C		1.4E-05 B C		
PCB-084		1E-05		1.8E-05		1.7E-05		8.9E-06		
PCB-085		4E-06 C		9.3E-06 C		6.5E-06 Q C		2.6E-06 QBJ		
PCB-086		2.1E-05 C		4.2E-05 C		3.6E-05 C		1.7E-05 B C		
PCB-087		2.1E-05 C86		4.2E-05 C86		3.6E-05 C86		1.7E-05 B C		
PCB-088		4.2E-06 C		9E-06 C		8.4E-06 C		3.3E-06 Q C		
PCB-089		< 0.106		< 0.161		< 0.169		< 0.131		
PCB-090		3.7E-05 B C		6.8E-05 C		6.7E-05 B C		3.2E-05 B C		
PCB-091		4.2E-06 C88		9E-06 C88		8.4E-06 C88		3.3E-06 Q C		
PCB-092		5.8E-06		1.1E-05		7.9E-06 Q		4.7E-06		
PCB-093		< 0.0943		< 0.143		< 0.15		< 0.117		
PCB-094		< 0.106		< 0.161		< 0.169		< 0.131		
PCB-095		4E-05 B		6.4E-05		7.1E-05		4.1E-05 B		
PCB-096		< 0.0794		6.3E-07 J		< 0.126		< 0.0982		
PCB-097		2.1E-05 C86		4.2E-05 C86		3.6E-05 C86		1.7E-05 B C		
PCB-098		6.8E-07 QJ		1.1E-06 QJ		< 0.146		1.1E-06 QJ		
PCB-099		1.6E-05 C83		3.1E-05 C83		2.9E-05 C83		1.4E-05 B		
PCB-100		< 0.0943		< 0.143		< 0.15		< 0.117		
PCB-101		3.7E-05 B C		6.8E-05 C90		6.7E-05 B C		3.2E-05 B C		
PCB-102		6.8E-07 QJ		1.1E-06 QJ		< 0.146		1.1E-06 QJ		
PCB-103		< 0.0931		< 0.141		< 0.148		< 0.115		
PCB-104		< 0.0708		< 0.107		< 0.113		< 0.0875		
PCB-105	32598-14-4	5.7E-06		9.9E-06		9.8E-06		4.2E-06 B		
PCB-106		< 0.0601		< 0.0438		2.9E-07 QJ		< 0.108		
PCB-107		1.8E-06 J C		1.5E-06 J C		1.1E-06 QJ		< 0.11		
PCB-108		2.1E-05 C86		4.2E-05 C86		3.6E-05 C86		1.7E-05 B C		
PCB-109		9.9E-07 QJ		1.8E-06 Q		1.1E-06 QJ		6.4E-07 J		
PCB-110		3E-05 B C		5.6E-05 C		5.4E-05 B C		2.4E-05 B C		
PCB-111		< 0.0665		< 0.101		< 0.106		< 0.0822		
PCB-112		< 0.0722		< 0.11		< 0.115		< 0.0893		
PCB-113		3.7E-05 B C		6.8E-05 C90		6.7E-05 B C		3.2E-05 B C		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA50-1	BLDG50IA50-1
		2/6/2010	3/27/2010	3/28/2010	8/6/2010	8/8/2010	11/20/2010	11/21/2010	1/29/2008	1/29/2008
		ARIA5P-100206-02	ARIA5-100327-01	ARIA5P-100328-01	ARIA5-100806-01	ARIA5P-100808-01	ARIA5-101120-01	ARIA5P-101121-01	ARIA501-080129-01	ARIA501D-080129-01
PCB-114	74472-37-0	3.5E-07 J		6.8E-07 J		9.3E-07 J		< 0.0876		
PCB-115		3E-05 B C		5.6E-05 C11		5.4E-05 B C		2.4E-05 B C		
PCB-116		4E-06 C85		9.3E-06 C85		6.5E-06 Q C		2.6E-06 QBJ		
PCB-117		4E-06 C85		9.3E-06 C85		6.5E-06 Q C		2.6E-06 QBJ		
PCB-118	31508-00-6	1.9E-05		2.9E-05		3.1E-05 B		1.4E-05 B		
PCB-119		2.1E-05 C86		4.2E-05 C86		3.6E-05 C86		1.7E-05 B C		
PCB-120		< 0.0684		< 0.104		< 0.109		< 0.0846		
PCB-121		< 0.069		< 0.105		< 0.11		< 0.0853		
PCB-122		< 0.0655		3E-07 QJ		< 0.0864		< 0.118		
PCB-123	65510-44-3	2.6E-07 QJ		4.4E-07 QJ		6E-07 QJ		< 0.109		
PCB-124		7.3E-07 J C		1.5E-06 J C		1.1E-06 Q C		< 0.11		
PCB-125		2.1E-05 C86		4.2E-05 C86		3.6E-05 C86		1.7E-05 B C		
PCB-126	57465-28-8	< 0.0603		< 0.043		< 0.0792		< 0.133		
PCB-127		< 0.0594		< 0.0433		< 0.0784		< 0.107		
PCB-128		1.5E-06 J C		2.5E-06 C		1.8E-06 QJ		1.1E-06 J C		
PCB-129		1.4E-05 B C		1.9E-05 C		2.3E-05 C		1.1E-05 B C		
PCB-130		7.6E-07 J		1.4E-06 J		1E-06 J		< 0.138		
PCB-131		2.9E-07 J		4.7E-07 QJ		< 0.135		< 0.141		
PCB-132		7.1E-06		8.8E-06		9.8E-06		6E-06 B		
PCB-133		< 0.08		< 0.0722		< 0.124		< 0.129		
PCB-134		1.1E-06 J C		2E-06 C		1.6E-06 QJ		8.5E-07 QJ		
PCB-135		8.8E-06 C		1.2E-05 C		1.1E-05 Q C		6.2E-06 B C		
PCB-136		5.2E-06		5.2E-06		5.6E-06		4.1E-06		
PCB-137		7E-07 QJ		1.1E-06 QJ		9.5E-07 QJ		< 0.119		
PCB-138		1.4E-05 B C		1.9E-05 C12		2.3E-05 C12		1.1E-05 B C		
PCB-139		< 0.073		6.5E-07 J C		6.4E-07 QJ		< 0.118		
PCB-140		< 0.073		6.5E-07 J C		6.4E-07 QJC		< 0.118		
PCB-141		3.1E-06		4.3E-06		4.6E-06		1.6E-06 QBJ		
PCB-142		< 0.0839		< 0.0756		< 0.13		< 0.135		
PCB-143		1.1E-06 J C		2E-06 C13		1.6E-06 QJ		8.5E-07 QJ		
PCB-144		1.2E-06 J		< 0.0907		2E-06 J		8.8E-07 J		
PCB-145		< 0.0491		< 0.0686		< 0.0797		< 0.0632		
PCB-146		2.2E-06		2.8E-06		2.6E-06 QJ		1.3E-06 QJ		
PCB-147		1.9E-05 C		2.1E-05 C		2.9E-05 B C		1.8E-05 B C		
PCB-148		< 0.0687		< 0.0959		< 0.111		< 0.0884		
PCB-149		1.9E-05 C14		2.1E-05 C14		2.9E-05 B C		1.8E-05 B C		
PCB-150		< 0.0479		< 0.0668		< 0.0777		< 0.0616		
PCB-151		8.8E-06 C13		1.2E-05 C13		1.1E-05 Q C		6.2E-06 B C		
PCB-152		< 0.0488		< 0.0682		< 0.0792		< 0.0629		
PCB-153		1.4E-05 B C		1.7E-05 C		2.2E-05 B C		1.1E-05 B C		
PCB-154		< 0.0569		< 0.0795		< 0.0924		3.2E-07 QJ		
PCB-155		< 0.0465		< 0.065		< 0.0755		< 0.0599		
PCB-156		5.8E-07 QJ		1.4E-06 J C		8.9E-07 QJ		4.9E-07 QJ		
PCB-157	69782-90-7	5.8E-07 QJ		1.4E-06 J C		8.9E-07 QJ		4.9E-07 QJ		
PCB-158		1.4E-06 J		2.2E-06		2E-06 J		1.2E-06 J		
PCB-159		< 0.0558		< 0.0503		< 0.0863		< 0.0901		
PCB-160		1.4E-05 B C		1.9E-05 C12		2.3E-05 C12		1.1E-05 B C		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA50-1	BLDG50IA50-1
		2/6/2010	3/27/2010	3/28/2010	8/6/2010	8/8/2010	11/20/2010	11/21/2010	1/29/2008	1/29/2008
		ARIA5P-100206-02	ARIA5-100327-01	ARIA5P-100328-01	ARIA5-100806-01	ARIA5P-100808-01	ARIA5-101120-01	ARIA5P-101121-01	ARIA501-080129-01	ARIA501D-080129-01
PCB-161		< 0.0555		< 0.0501		< 0.0858		< 0.0897		
PCB-162		< 0.0551		< 0.0497		< 0.0852		< 0.089		
PCB-163		1.4E-05 B C		1.9E-05 C12		2.3E-05 C12		1.1E-05 B C		
PCB-164		7.4E-07 QJ		1.2E-06 J		1.3E-06 QJ		6.3E-07 J		
PCB-165		< 0.061		< 0.055		< 0.0944		< 0.0986		
PCB-166		1.5E-06 J C		2.5E-06 C12		1.8E-06 QJ		1.1E-06 J C		
PCB-167	52663-72-6	2.6E-07 QJ		4.8E-07 QJ		< 0.0661		< 0.0612		
PCB-168		1.4E-05 B C		1.7E-05 C15		2.2E-05 B C		1.1E-05 B C		
PCB-169	32774-16-6	< 0.046		< 0.0363		< 0.0702		< 0.0841		
PCB-170		7.3E-07 J		1.1E-06 J		7.2E-07 J		< 0.0901		
PCB-171		4.2E-07 QJ		6.1E-07 J C		< 0.0789		< 0.0766		
PCB-172		< 0.0503		< 0.0559		< 0.0781		< 0.0758		
PCB-173		4.2E-07 QJ		6.1E-07 J C		< 0.0789		< 0.0766		
PCB-174		2.1E-06		2.4E-06		2E-06 J		9.8E-07 J		
PCB-175		< 0.0452		< 0.0502		< 0.0702		< 0.0682		
PCB-176		3.4E-07 QJ		4.1E-07 QJ		5.9E-07 QJ		< 0.0519		
PCB-177		7.7E-07 QJ		1.2E-06 J		7.5E-07 QJ		< 0.0727		
PCB-178		3.7E-07 J		5.5E-07 QJ		< 0.0759		< 0.0737		
PCB-179		1.7E-06		2.1E-06		2.5E-06 J		9.4E-07 QJ		
PCB-180		2.1E-06 Q C		3.4E-06 C		2.2E-06 J C		1.3E-06 QBJ		
PCB-181		< 0.0452		< 0.0502		< 0.0701		< 0.0681		
PCB-182		< 0.0439		< 0.0488		< 0.0682		< 0.0662		
PCB-183		1.3E-06 J		1.9E-06 C		2.2E-06 J C		6.2E-07 QJ		
PCB-184		< 0.0373		< 0.0414		< 0.0579		< 0.0562		
PCB-185		1.3E-06 J C		1.9E-06 C18		2.2E-06 J C		6.2E-07 QJ		
PCB-186		< 0.0362		< 0.0402		< 0.0562		< 0.0546		
PCB-187		2.7E-06 Q		3.5E-06		3E-06 QJ		1.8E-06 QBJ		
PCB-188		< 0.0315		< 0.0371		< 0.0471		< 0.0453		
PCB-189	39635-31-9	< 0.0329		< 0.0286		< 0.0485		< 0.0581		
PCB-190		< 0.035		< 0.0389		< 0.0544		< 0.0528		
PCB-191		< 0.0344		< 0.0382		< 0.0534		< 0.0519		
PCB-192		< 0.0384		< 0.0427		< 0.0597		< 0.058		
PCB-193		2.1E-06 Q C		3.4E-06 C18		2.2E-06 J C		1.3E-06 QBJ		
PCB-194		< 0.0344		< 0.0328		< 0.0424		< 0.0438		
PCB-195		< 0.0373		< 0.0356		< 0.046		< 0.0476		
PCB-196		< 0.0379		< 0.0475		< 0.0549		< 0.047		
PCB-197		< 0.0282		< 0.0354		< 0.0409		< 0.0349		
PCB-198		< 0.0391		5.1E-07 QJ		< 0.0567		< 0.0485		
PCB-199		< 0.0391		5.1E-07 QJ		< 0.0567		< 0.0485		
PCB-200		< 0.0276		< 0.0347		< 0.0401		< 0.0343		
PCB-201		< 0.0267		< 0.0335		< 0.0387		< 0.0331		
PCB-202		< 0.0301		< 0.0378		< 0.0436		< 0.0373		
PCB-203		< 0.0349		< 0.0438		< 0.0507		1.5E-07 QJ		
PCB-204		< 0.0293		< 0.0368		< 0.0425		< 0.0363		
PCB-205		< 0.0289		< 0.0276		< 0.0357		< 0.0369		
PCB-206		< 0.0387		< 0.059		< 0.0494		< 0.0526		
PCB-207		< 0.0293		< 0.0458		< 0.0363		< 0.0371		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA5	BLDG50IA50-1	BLDG50IA50-1
		2/6/2010	3/27/2010	3/28/2010	8/6/2010	8/8/2010	11/20/2010	11/21/2010	1/29/2008	1/29/2008
		ARIA5P-100206-02	ARIA5-100327-01	ARIA5P-100328-01	ARIA5-100806-01	ARIA5P-100808-01	ARIA5-101120-01	ARIA5P-101121-01	ARIA501-080129-01	ARIA501D-080129-01
PCB-208		< 0.0319		< 0.0508		< 0.0386		< 0.0383		
PCB-209		< 0.0336		< 0.039		< 0.0256		< 0.0349		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA50-2	BLDG50IA50-3	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1
		1/29/2008	1/29/2008	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	8/8/2010	11/21/2010
		ARIA502-080129-01	ARIA503-080129-01	AROA1-100206-01	AROA1P-100206-02	AROA1-100327-01	AROA1P-100327-01	AROA1-100808-01	AROA1P-100808-01	AROA1-101120-01
VOCs										
Acetone	67-64-1							14		16
Acetonitrile	75-05-8							0.33 J		0.31 J
Acrolein	107-02-8							0.56 J		1.5
Acrylonitrile	107-13-1							< 1.7		< 0.73
Allyl Chloride	107-05-1							< 0.25		< 1.7
Benzene	71-43-2			0.76		0.47		0.32		0.61
Benzyl Chloride	100-44-7							< 0.83		< 0.83
Bromodichloromethane	75-27-4							< 0.54		< 0.54
Bromoform	75-25-2							< 0.83		< 0.83
Bromomethane	74-83-9							0.12 J		0.051 J
Butadiene, 1,3-	106-99-0							< 0.35		< 0.35
Butane, n-	106-97-8							0.84		3.7
Carbon Disulfide	75-15-0							0.21 J		< 0.5
Carbon Tetrachloride	56-23-5							0.48 J		0.56
Chlorobenzene	108-90-7							< 0.37		< 0.28
Chlorodifluoromethane	75-45-6							1.3		1.1
Chloroethane	75-00-3							< 0.21		< 0.39
Chloroform	67-66-3			0.1 J		< 0.39		< 0.39		0.076 J
Chloromethane	74-87-3							1.1		1
cis-1,3-Dichloropropene	10061-01-5							< 0.36		< 0.79
Cyclohexane	110-82-7							< 0.69		0.16 J
Decane, n-	124-18-5							0.42 J		0.14 J
Dibromochloromethane	124-48-1							< 0.68		< 1.1
Dibromoethane, 1,2-	106-93-4							< 0.61		< 0.61
Dibromomethane (Methylene Bromide)	74-95-3							< 1.1		< 0.4
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2							< 0.56		0.11 J
Dichlorobenzene, 1,2-	95-50-1			< 0.48		< 0.48		< 0.48		< 0.48
Dichlorobenzene, 1,3-	541-73-1							< 0.48		< 0.48
Dichlorobenzene, 1,4-	106-46-7			< 0.48		< 0.48		< 0.48		< 0.48
Dichlorodifluoromethane	75-71-8							2.1		2.6
Dichloroethane, 1,1-	75-34-3							< 0.32		< 0.32
Dichloroethane, 1,2-	107-06-2							< 0.32		0.1 J
Dichloroethene, 1,1-	75-35-4			< 0.32		< 0.32		< 0.32		< 0.32
Dichloroethylene, 1,2-cis-	156-59-2	< 0.14	< 0.12	< 0.32		< 0.32		< 0.32		< 0.36
Dichloroethylene, 1,2-trans-	156-60-5	< 0.71	< 0.61	< 0.32		< 0.32		< 0.32		< 0.32
Dichloropropane, 1,2-	78-87-5							< 0.37		< 0.37
Dichloropropene, trans-1,3-	10061-02-6							< 0.36		< 0.36
Dodecane, n-	112-40-3							0.37 J		< 0.7
Ethyl Ether	60-29-7							< 2.4		< 0.35
Ethylbenzene	100-41-4			0.32 J		0.14 J		0.24 J		0.18 J
Heptane, n-								0.14 J		0.23 J
Hexachlorobutadiene	87-68-3							< 4.3		< 1.4
Hexane, N-	110-54-3							0.54 J		0.68 J
Hexanone, 2-	591-78-6							0.11 J		0.17 J
Isopropylbenzene (Cumene)	98-82-8							< 0.79		< 1
Methyl Ethyl Ketone (2-Butanone)	78-93-3							2.1		2.4

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA50-2	BLDG50IA50-3	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1
		1/29/2008	1/29/2008	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	8/8/2010	11/21/2010
		ARIA502-080129-01	ARIA503-080129-01	AROA1-100206-01	AROA1P-100206-02	AROA1-100327-01	AROA1P-100327-01	AROA1-100808-01	AROA1P-100808-01	AROA1-101120-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							0.22 J		0.14 J
Methyl tert-Butyl Ether (MTBE)	1634-04-4							< 1.4		< 2.8
Methylene Chloride	75-09-2							0.97 B		1.8 B
Methylstyrene, Alpha-	98-83-9							< 0.77		< 0.77
Naphthalene	91-20-3							< 1		< 0.82
Nonane, n-	111-84-2							0.26 J		0.14 J
Octane, n-	111-65-9							0.13 J		0.14 J
Pentane, n-	109-66-0							0.85 J		1.2
Propylbenzene, n-	103-65-1							< 0.79		< 1
Styrene	100-42-5							< 0.34		< 0.34
Tetrachloroethane, 1,1,2,2-	79-34-5							< 0.55		< 0.55
Tetrachloroethene	127-18-4			44		< 0.54		< 0.54		< 0.54
Toluene	108-88-3			7.2		0.73		0.9		0.91 B
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1							0.63		
Trichlorobenzene, 1,2,4-	120-82-1							< 3		< 3
Trichloroethane, 1,1,1-	71-55-6							< 0.44		< 0.44
Trichloroethane, 1,1,2-	79-00-5							< 0.44		< 0.61
Trichloroethene	79-01-6	5	0.51	< 0.21		< 0.21		< 0.21		< 0.21
Trichlorofluoromethane	75-69-4							2.4		1.2
Trichlorotrifluoroethane, 1,1,2-										0.47 J
Trimethylbenzene, 1,2,4-	95-63-6							0.2 J		0.16 J
Trimethylbenzene, 1,3,5-	108-67-8							< 0.39		< 0.39
Undecane, n-	1120-21-4							0.36 J		< 0.79
Vinyl Acetate	108-05-4							< 1.4		< 1.4
Vinyl Chloride	75-01-4	< 0.046	< 0.04	< 0.2		< 0.2		< 0.2		< 0.2
Xylene, o-	95-47-6			0.14 J		0.12 J		0.22 J		0.16 J
Xylenes, m & p				0.51		0.35		0.76		0.41
PCBs and Dioxins										
PCB-001					2.2E-06		2.6E-06		8.6E-06 QBS	
PCB-002					1E-06		9.7E-07		5.8E-06 QB	
PCB-003					1.4E-06		1.3E-06		7.9E-06	
PCB-004					6.5E-06		7.9E-06		3.2E-05 S	
PCB-005					3.1E-07 QJ		2.6E-07 QJ		1.6E-06 Q	
PCB-006					3.3E-06		2.8E-06		2.2E-05	
PCB-007					1.2E-06		5.8E-07 Q		5.7E-06	
PCB-008					1.3E-05 B		1.1E-05 B		8.1E-05 BS	
PCB-009					1.2E-06		9.3E-07 Q		6.7E-06	
PCB-010					4.3E-07 Q		3.7E-07 Q		2.2E-06	
PCB-011					7E-06 B		7.1E-06 B		4.3E-05 B	
PCB-012					9.9E-07 Q C		7.1E-07 C		4.9E-06 B C	
PCB-013					9.9E-07 Q C		7.1E-07 C12		4.9E-06 B C	
PCB-014					< 0.01		2.6E-08 QJ		< 0.0159	
PCB-015					3E-06 B		3.2E-06		1.5E-05 BS	
PCB-016					4.8E-06		4.8E-06		2.1E-05	
PCB-017					5.5E-06		5.3E-06		2.3E-05	
PCB-018					1.2E-05 B C		1.2E-05 C		5.7E-05 B C	
PCB-019					1.6E-06		1.8E-06		6.9E-06	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA50-2	BLDG50IA50-3	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1
		1/29/2008	1/29/2008	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	8/8/2010	11/21/2010
		ARIA502-080129-01	ARIA503-080129-01	AROA1-100206-01	AROA1P-100206-02	AROA1-100327-01	AROA1P-100327-01	AROA1-100808-01	AROA1P-100808-01	AROA1-101120-01
PCB-020					1.3E-05 B C		9.8E-06 B C		7.2E-05 B C	
PCB-021					7.7E-06 B C		5.2E-06 C		4.2E-05 B C	
PCB-022					4.3E-06 B		3.1E-06		2.1E-05 B	
PCB-023					2.9E-08 QJ		< 0.00384		1.5E-07 J	
PCB-024					1.6E-07 QJ		2.4E-07 QJ		5.7E-07	
PCB-025					1.1E-06		7.1E-07		5.4E-06	
PCB-026					2.3E-06 B C		1.6E-06 C		1.3E-05 C	
PCB-027					7.5E-07		7.6E-07		2.9E-06	
PCB-028					1.3E-05 B C		9.8E-06 B C		7.2E-05 B C	
PCB-029					2.3E-06 B C		1.6E-06 C26		1.3E-05 C26	
PCB-030					1.2E-05 B C		1.2E-05 C18		5.7E-05 B C	
PCB-031					1.2E-05 B		8.4E-06 B		6.8E-05 B	
PCB-032					3.2E-06 B		3.2E-06		1E-05 S	
PCB-033					7.7E-06 B C		5.2E-06 C21		4.2E-05 B C	
PCB-034					6.3E-08 QJ		3E-08 J		2.5E-07 QJ	
PCB-035					4.5E-07		1.3E-07 J		1.8E-06	
PCB-036					< 0.0074		2.5E-08 QJ		< 0.0151	
PCB-037					2.5E-06		1.4E-06		1.1E-05 B	
PCB-038					6.6E-08 QJ		< 0.00396		1E-07 QJ	
PCB-039					9E-08 J		4.1E-08 QJ		2.5E-07 QBJ	
PCB-040					4.5E-06 C		3E-06 C		1.5E-05 C	
PCB-041					4.5E-06 C40		3E-06 C40		1.5E-05 C40	
PCB-042					2E-06		1.4E-06		7.1E-06	
PCB-043					3E-07 QJ		2E-07 J C		9E-07 Q C	
PCB-044					1.3E-05 B C		6.8E-06 B C		4.8E-05 B C	
PCB-045					2.8E-06 C		1.6E-06 C		8.5E-06 C	
PCB-046					5.4E-07		4.8E-07		2E-06	
PCB-047					1.3E-05 B C		6.8E-06 B C		4.8E-05 B C	
PCB-048					1.9E-06		1.3E-06		6.9E-06	
PCB-049					6.6E-06 B C		3.9E-06 C		2.4E-05 B C	
PCB-050					1.4E-06 C		1.1E-06 C		5.4E-06 C	
PCB-051					2.8E-06 C45		1.6E-06 C45		8.5E-06 C45	
PCB-052					2.3E-05 B		1.1E-05		8.9E-05 B	
PCB-053					1.4E-06 C50		1.1E-06 C50		5.4E-06 C50	
PCB-054					< 0.0111		< 0.0106		< 0.0333	
PCB-055					1.9E-07 J		6E-08 J		6E-07 Q	
PCB-056					2.5E-06		1.3E-06		1.2E-05	
PCB-057					3.7E-08 J		< 0.00483		< 0.0154	
PCB-058					< 0.00739		< 0.0048		< 0.0153	
PCB-059					6.5E-07 C		4.7E-07 C		2.1E-06 C	
PCB-060					1.5E-06		8.4E-07		7.4E-06	
PCB-061					1.7E-05 B C		8.4E-06 C		9.4E-05 B C	
PCB-062					6.5E-07 C59		4.7E-07 C59		2.1E-06 C59	
PCB-063					2.7E-07 J		1.1E-07 J		1E-06	
PCB-064					3.6E-06 B		2.4E-06		1.3E-05 B	
PCB-065					1.3E-05 B C		6.8E-06 B C		4.8E-05 B C	
PCB-066					5.6E-06 B		3.1E-06		3E-05 B	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA50-2	BLDG50IA50-3	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1
		1/29/2008	1/29/2008	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	8/8/2010	11/21/2010
		ARIA502-080129-01	ARIA503-080129-01	AROA1-100206-01	AROA1P-100206-02	AROA1-100327-01	AROA1P-100327-01	AROA1-100808-01	AROA1P-100808-01	AROA1-101120-01
PCB-067					2.4E-07 J		9.6E-08 J		7.4E-07	
PCB-068					2.6E-07 J		< 0.00437		1.2E-06	
PCB-069					6.6E-06 B C		3.9E-06 C49		2.4E-05 B C	
PCB-070					1.7E-05 B C		8.4E-06 C61		9.4E-05 B C	
PCB-071					4.5E-06 C40		3E-06 C40		1.5E-05 C40	
PCB-072					3.5E-08 QJ		< 0.0047		< 0.015	
PCB-073					3E-07 QJ		2E-07 J C		9E-07 Q C	
PCB-074					1.7E-05 B C		8.4E-06 C61		9.4E-05 B C	
PCB-075					6.5E-07 C59		4.7E-07 C59		2.1E-06 C59	
PCB-076					1.7E-05 B C		8.4E-06 C61		9.4E-05 B C	
PCB-077	32598-13-3				3E-07 J		1.3E-07 J		2.8E-06	
PCB-078					< 0.00768		< 0.00499		< 0.0159	
PCB-079					6.7E-08 QJ		3.8E-08 QJ		2.1E-06	
PCB-080					< 0.00658		< 0.00427		< 0.0136	
PCB-081	70362-50-4				< 0.00694		< 0.00453		8.9E-08 QJ	
PCB-082					1.1E-06		7.6E-07		2.1E-05	
PCB-083					7.8E-06 C		4.5E-06 C		8.2E-05 C	
PCB-084					4.7E-06		2.5E-06		4.1E-05	
PCB-085					1.9E-06 C		1.1E-06 C		3E-05 C	
PCB-086					9.3E-06 C		7.8E-06 C		0.00013 C	
PCB-087					9.3E-06 C86		7.8E-06 C86		0.00013 C86	
PCB-088					2.4E-06 C		1.2E-06 C		1.5E-05 C	
PCB-089					1.4E-07 QJ		< 0.00936		1.1E-06	
PCB-090					1.6E-05 B C		9.9E-06 C		0.00018 B C	
PCB-091					2.4E-06 C88		1.2E-06 C88		1.5E-05 C88	
PCB-092					2.6E-06		1.5E-06		2.7E-05	
PCB-093					6.5E-08 QJ		3.2E-08 QJ		6E-07 Q C	
PCB-094					< 0.0137		< 0.00936		< 0.0478	
PCB-095					1.6E-05 B		9.9E-06		0.00013	
PCB-096					1.3E-07 QJ		< 0.007		5.7E-07	
PCB-097					9.3E-06 C86		7.8E-06 C86		0.00013 C86	
PCB-098					5.1E-07 C		2.4E-07 J C		2.5E-06 C	
PCB-099					7.8E-06 C83		4.5E-06 C83		8.2E-05 C83	
PCB-100					6.5E-08 QJ		3.2E-08 QJC		6E-07 Q C	
PCB-101					1.6E-05 B C		9.9E-06 C90		0.00018 B C	
PCB-102					5.1E-07 C98		2.4E-07 J C		2.5E-06 C98	
PCB-103					8.7E-08 QJ		< 0.00821		3.7E-07 J	
PCB-104					< 0.00913		< 0.00624		< 0.0319	
PCB-105	32598-14-4				1.7E-06		1.3E-06		4.8E-05	
PCB-106					< 0.00693		< 0.00506		< 0.0117	
PCB-107					2.5E-07 J C		1.4E-07 QJ		5.7E-06 C	
PCB-108					9.3E-06 C86		7.8E-06 C86		0.00013 C86	
PCB-109					4.1E-07		2.7E-07 J		8.2E-06	
PCB-110					1.2E-05 B C		8.5E-06 C		0.00022 B C	
PCB-111					< 0.00858		< 0.00586		< 0.03	
PCB-112					< 0.00932		< 0.00637		< 0.0325	
PCB-113					1.6E-05 B C		9.9E-06 C90		0.00018 B C	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA50-2	BLDG50IA50-3	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1
		1/29/2008	1/29/2008	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	8/8/2010	11/21/2010
		ARIA502-080129-01	ARIA503-080129-01	AROA1-100206-01	AROA1P-100206-02	AROA1-100327-01	AROA1P-100327-01	AROA1-100808-01	AROA1P-100808-01	AROA1-101120-01
PCB-114	74472-37-0				1.3E-07 J		1E-07 J		3.2E-06	
PCB-115					1.2E-05 B C		8.5E-06 C11		0.00022 B C	
PCB-116					1.9E-06 C85		1.1E-06 C85		3E-05 C85	
PCB-117					1.9E-06 C85		1.1E-06 C85		3E-05 C85	
PCB-118	31508-00-6				5.7E-06		4.3E-06		0.00014 B	
PCB-119					9.3E-06 C86		7.8E-06 C86		0.00013 C86	
PCB-120					< 0.00883		< 0.00603		< 0.0308	
PCB-121					< 0.0089		< 0.00608		< 0.0311	
PCB-122					7.5E-08 QJ		4.4E-08 QJ		1.9E-06	
PCB-123	65510-44-3				9.3E-08 QJ		5.4E-08 QJ		1.6E-06 Q	
PCB-124					2.5E-07 J C		1.4E-07 QJ		5.7E-06 C10	
PCB-125					9.3E-06 C86		7.8E-06 C86		0.00013 C86	
PCB-126	57465-28-8				< 0.00696		< 0.0049		8.3E-07 Q	
PCB-127					< 0.00685		< 0.005		2.2E-07 J	
PCB-128					3.5E-07 C		2.9E-07 J C		1.4E-05 C	
PCB-129					2.7E-06 B C		3.6E-06 C		0.0001 C	
PCB-130					1.6E-07 QJ		1.8E-07 J		6.3E-06	
PCB-131					6.9E-08 QJ		6.2E-08 QJ		1.9E-06	
PCB-132					1.5E-06		1.8E-06		4.3E-05	
PCB-133					4.1E-08 J		< 0.00885		1.2E-06	
PCB-134					2.8E-07 QJ		2.7E-07 QJ		6.9E-06 C	
PCB-135					1.9E-06 C		2.4E-06 C		4.3E-05 C	
PCB-136					1.2E-06		1.2E-06		1.6E-05	
PCB-137					1.7E-07 J		1.2E-07 QJ		5.7E-06	
PCB-138					2.7E-06 B C		3.6E-06 C12		0.0001 C12	
PCB-139					1E-07 J C		8.9E-08 J C		1.9E-06 Q C	
PCB-140					1E-07 J C		8.9E-08 J C		1.9E-06 Q C	
PCB-141					6.2E-07		8.5E-07		2E-05	
PCB-142					< 0.0106		< 0.00928		< 0.0215	
PCB-143					2.8E-07 QJ		2.7E-07 QJ		6.9E-06 C13	
PCB-144					3.3E-07		3.4E-07		1E-05	
PCB-145					< 0.00692		< 0.00672		< 0.0263	
PCB-146					4.3E-07		5.7E-07		1.2E-05	
PCB-147					3.9E-06 C		5E-06 C		8.9E-05 B C	
PCB-148					< 0.00967		< 0.0094		< 0.0368	
PCB-149					3.9E-06 C14		5E-06 C14		8.9E-05 B C	
PCB-150					< 0.00674		< 0.00655		< 0.0257	
PCB-151					1.9E-06 C13		2.4E-06 C13		4.3E-05 C13	
PCB-152					< 0.00687		< 0.00668		< 0.0262	
PCB-153					2.4E-06 B C		3.7E-06 C		8.2E-05 B C	
PCB-154					5.6E-08 QJ		< 0.00779		6.1E-07 Q	
PCB-155					< 0.00655		< 0.00637		< 0.025	
PCB-156					1.8E-07 J C		1.5E-07 J C		6.4E-06 C	
PCB-157	69782-90-7				1.8E-07 J C		1.5E-07 J C		6.4E-06 C15	
PCB-158					3.1E-07 J		3.7E-07		1.1E-05	
PCB-159					< 0.00706		< 0.00617		3.7E-07 J	
PCB-160					2.7E-06 B C		3.6E-06 C12		0.0001 C12	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA50-2	BLDG50IA50-3	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1
		1/29/2008	1/29/2008	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	8/8/2010	11/21/2010
		ARIA502-080129-01	ARIA503-080129-01	AROA1-100206-01	AROA1P-100206-02	AROA1-100327-01	AROA1P-100327-01	AROA1-100808-01	AROA1P-100808-01	AROA1-101120-01
PCB-161					< 0.00702		< 0.00614		< 0.0142	
PCB-162					< 0.00697		< 0.0061		1.9E-07 J	
PCB-163					2.7E-06 B C		3.6E-06 C12		0.0001 C12	
PCB-164					1.7E-07 J		2.2E-07 J		6.4E-06	
PCB-165					< 0.00772		< 0.00675		< 0.0157	
PCB-166					3.5E-07 C12		2.9E-07 J C		1.4E-05 C12	
PCB-167	52663-72-6				5.5E-08 QJ		4.9E-08 QJ		2.3E-06	
PCB-168					2.4E-06 B C		3.7E-06 C15		8.2E-05 B C	
PCB-169	32774-16-6				< 0.00581		< 0.00476		< 0.00995	
PCB-170					1.8E-07 QJ		2E-07 J		5.1E-06	
PCB-171					7E-08 QJ		1.1E-07 J C		3.2E-06 C	
PCB-172					< 0.00598		< 0.00631		1.1E-06 Q	
PCB-173					7E-08 QJ		1.1E-07 J C		3.2E-06 C17	
PCB-174					3E-07 J		5.3E-07		1.1E-05	
PCB-175					< 0.00538		< 0.00567		4.3E-07	
PCB-176					6.2E-08 J		1.2E-07 J		2.1E-06	
PCB-177					1.3E-07 J		2.2E-07 J		5.6E-06	
PCB-178					5.6E-08 J		9E-08 QJ		2.7E-06	
PCB-179					2E-07 QJ		5.2E-07		6.6E-06	
PCB-180					4.8E-07 C		6.9E-07 C		1.5E-05 C	
PCB-181					< 0.00538		< 0.00566		1.7E-07 QJ	
PCB-182					< 0.00523		< 0.00551		< 0.0138	
PCB-183					2.4E-07 J		4.4E-07 C		9.8E-06 C	
PCB-184					< 0.00444		< 0.00468		< 0.0117	
PCB-185					2.4E-07 J C		4.4E-07 C18		9.8E-06 C18	
PCB-186					< 0.00431		< 0.00454		< 0.0113	
PCB-187					3.9E-07		8.3E-07		1.7E-05	
PCB-188					< 0.00387		< 0.00405		< 0.0109	
PCB-189	39635-31-9				< 0.00356		< 0.00393		1E-07 QJ	
PCB-190					< 0.00417		4.5E-08 J		9E-07	
PCB-191					< 0.0041		< 0.0043		2.5E-07 J	
PCB-192					< 0.00457		< 0.00482		< 0.012	
PCB-193					4.8E-07 C18		6.9E-07 C18		1.5E-05 C18	
PCB-194					6.2E-08 J		6.5E-08 J		1.1E-06	
PCB-195					< 0.00449		< 0.00414		4.9E-07	
PCB-196					3.8E-08 QJ		< 0.00496		1.5E-06	
PCB-197					< 0.00368		< 0.00369		1.6E-07 J	
PCB-198					1.1E-07 QJ		7.6E-08 QJ		4.2E-06 C	
PCB-199					1.1E-07 QJ		7.6E-08 QJ		4.2E-06 C19	
PCB-200					1.9E-08 QJ		< 0.00362		6.4E-07	
PCB-201					< 0.00349		2.9E-08 QJ		9.5E-07	
PCB-202					2.8E-08 QJ		4.2E-08 J		1.9E-06	
PCB-203					6.1E-08 J		4.3E-08 QJ		2.6E-06	
PCB-204					< 0.00383		< 0.00384		< 0.0064	
PCB-205					< 0.00348		< 0.00321		< 0.00393	
PCB-206					4.6E-08 QJ		< 0.00634		4.9E-07	
PCB-207					< 0.00316		< 0.00463		1.4E-07 QJ	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50IA50-2	BLDG50IA50-3	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1	BLDG50OA1
		1/29/2008	1/29/2008	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	8/8/2010	11/21/2010
		ARIA502-080129-01	ARIA503-080129-01	AROA1-100206-01	AROA1P-100206-02	AROA1-100327-01	AROA1P-100327-01	AROA1-100808-01	AROA1P-100808-01	AROA1-101120-01
PCB-208					< 0.00377		< 0.00491		4.5E-07	
PCB-209					< 0.00422		< 0.00404		1E-07 QBJ	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50OA1	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50SS1	BLDG50SS1
		11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	11/21/2010	2/5/2010	3/26/2010
		AROA1P-101121-01	AROA2-100206-01	AROA2P-100206-02	AROA2-100327-01	AROA2P-100327-01	AROA2-100808-01	AROA2P-101121-01	ARSS1-100205-01	ARSS1-100326-01
VOCs										
Acetone	67-64-1						21			
Acetonitrile	75-05-8						< 0.67			
Acrolein	107-02-8						1.9			
Acrylonitrile	107-13-1						< 1.7			
Allyl Chloride	107-05-1						< 0.25			
Benzene	71-43-2		0.85		0.48		0.33		1.7 J	0.85 J
Benzyl Chloride	100-44-7						< 0.83			
Bromodichloromethane	75-27-4						< 0.54			
Bromoform	75-25-2						< 0.83			
Bromomethane	74-83-9						< 0.31			
Butadiene, 1,3-	106-99-0						< 0.35			
Butane, n-	106-97-8						2.3			
Carbon Disulfide	75-15-0						0.12 J			
Carbon Tetrachloride	56-23-5						0.47 J			
Chlorobenzene	108-90-7						< 0.37			
Chlorodifluoromethane	75-45-6						1.1			
Chloroethane	75-00-3						< 0.21			
Chloroform	67-66-3		0.46		< 0.39		0.11 J		< 3.9	< 3.9
Chloromethane	74-87-3						1.1			
cis-1,3-Dichloropropene	10061-01-5						< 0.36			
Cyclohexane	110-82-7						0.09 J			
Decane, n-	124-18-5						0.59 J			
Dibromochloromethane	124-48-1						< 0.68			
Dibromoethane, 1,2-	106-93-4						< 0.61			
Dibromomethane (Methylene Bromide)	74-95-3						< 1.1			
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2						< 0.56			
Dichlorobenzene, 1,2-	95-50-1		< 0.48		< 0.48		< 0.48		< 4.8	< 4.8
Dichlorobenzene, 1,3-	541-73-1						< 0.48			
Dichlorobenzene, 1,4-	106-46-7		< 0.48		< 0.48		< 0.48		< 4.8	< 4.8
Dichlorodifluoromethane	75-71-8						2.2			
Dichloroethane, 1,1-	75-34-3						< 0.32			
Dichloroethane, 1,2-	107-06-2						< 0.32			
Dichloroethene, 1,1-	75-35-4		< 0.32		< 0.32		< 0.32		< 3.2	< 3.2
Dichloroethylene, 1,2-cis-	156-59-2		< 0.32		< 0.32		< 0.32		< 3.2	< 3.2
Dichloroethylene, 1,2-trans-	156-60-5		< 0.32		< 0.32		< 0.32		< 3.2	< 3.2
Dichloropropane, 1,2-	78-87-5						< 0.37			
Dichloropropene, trans-1,3-	10061-02-6						< 0.36			
Dodecane, n-	112-40-3						0.85 J			
Ethyl Ether	60-29-7						< 2.4			
Ethylbenzene	100-41-4		0.23 J		< 0.35		0.18 J		< 3.5	1.4 J
Heptane, n-							0.16 J			
Hexachlorobutadiene	87-68-3						< 4.3			
Hexane, N-	110-54-3						0.56 J			
Hexanone, 2-	591-78-6						0.34 J			
Isopropylbenzene (Cumene)	98-82-8						< 0.79			
Methyl Ethyl Ketone (2-Butanone)	78-93-3						3.5			

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50OA1	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50SS1	BLDG50SS1
		11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	11/21/2010	2/5/2010	3/26/2010
		AROA1P-101121-01	AROA2-100206-01	AROA2P-100206-02	AROA2-100327-01	AROA2P-100327-01	AROA2-100808-01	AROA2P-101121-01	ARSS1-100205-01	ARSS1-100326-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1						0.27 J			
Methyl tert-Butyl Ether (MTBE)	1634-04-4						< 1.4			
Methylene Chloride	75-09-2						0.53 J B			
Methylstyrene, Alpha-	98-83-9						< 0.77			
Naphthalene	91-20-3						0.2 J			
Nonane, n-	111-84-2						0.19 J			
Octane, n-	111-65-9						0.19 J			
Pentane, n-	109-66-0						2.6			
Propylbenzene, n-	103-65-1						< 0.79			
Styrene	100-42-5						< 0.34			
Tetrachloroethane, 1,1,2,2-	79-34-5						< 0.55			
Tetrachloroethene	127-18-4		1.4		< 0.54		< 0.54		< 5.4	< 5.4
Toluene	108-88-3		2.2		0.67		0.93		2.6 J	2.3 J
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1						0.64			
Trichlorobenzene, 1,2,4-	120-82-1						< 3			
Trichloroethane, 1,1,1-	71-55-6						< 0.44			
Trichloroethane, 1,1,2-	79-00-5						< 0.44			
Trichloroethene	79-01-6		0.078 J		< 0.21		< 0.21		58	43
Trichlorofluoromethane	75-69-4						1.9			
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6						0.25 J			
Trimethylbenzene, 1,3,5-	108-67-8						< 0.39			
Undecane, n-	1120-21-4						0.64 J			
Vinyl Acetate	108-05-4						< 1.4			
Vinyl Chloride	75-01-4		< 0.2		< 0.2		< 0.2		< 2	< 2
Xylene, o-	95-47-6		0.2 J		< 0.35		0.17 J		1.1 J	< 3.5
Xylenes, m & p			0.54		< 0.35		0.52		2.3 J	3.9
PCBs and Dioxins										
PCB-001		1.4E-06 B		2.2E-06		1.5E-06		1.6E-06 QBS		
PCB-002		7.5E-07 B		1.1E-06		5.2E-07		8.4E-07 B		
PCB-003		1.6E-06		1.4E-06		7.7E-07		1.7E-06		
PCB-004		4.4E-06 B		6E-06		4.2E-06		7E-06 BS		
PCB-005		2.4E-07 BJ		2.6E-07 J		1.4E-07 QJ		2.9E-07 QBJ		
PCB-006		2.3E-06 B		2.4E-06		1.5E-06		3.9E-06 B		
PCB-007		5.1E-07 B		6.4E-07 Q		3.4E-07 QJ		7.9E-07 QB		
PCB-008		9.1E-06 B		1E-05 B		6.2E-06 B		1.4E-05 BS		
PCB-009		7.6E-07 Q		8.4E-07 Q		4.8E-07 Q		1.2E-06 Q		
PCB-010		3.1E-07 QJ		3.3E-07 Q		2.1E-07 QJ		3.9E-07 Q		
PCB-011		6.7E-06 B		1E-05 B		1.3E-05 B		2.2E-05 B		
PCB-012		1.4E-06 C		7E-07 Q C		4.3E-07 Q C		1.6E-06 Q C		
PCB-013		1.4E-06 C12		7E-07 Q C		4.3E-07 Q C		1.6E-06 Q C		
PCB-014		< 0.00722		< 0.00943		< 0.0101		< 0.01		
PCB-015		3.9E-06 B		2.2E-06 B		1.8E-06		4.3E-06 B		
PCB-016		3.3E-06 B		3.6E-06		2.8E-06		6.4E-06 B		
PCB-017		3.7E-06 B		4E-06		3.1E-06		6.7E-06 B		
PCB-018		8E-06 B C		8.8E-06 B C		6.8E-06 C		1.5E-05 B C		
PCB-019		1E-06		1.3E-06		1.1E-06		1.9E-06		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG50OA1	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50SS1	BLDG50SS1
		11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	11/21/2010	2/5/2010	3/26/2010
		AROA1P-101121-01	AROA2-100206-01	AROA2P-100206-02	AROA2-100327-01	AROA2P-100327-01	AROA2-100808-01	AROA2P-101121-01	ARSS1-100205-01	ARSS1-100326-01
PCB-020		6.9E-06 B C		7.2E-06 B C		5.9E-06 B C		1.4E-05 B C		
PCB-021		4.6E-06 B C		4.4E-06 B C		3.1E-06 C		9.2E-06 B C		
PCB-022		2.6E-06 B		2.3E-06 B		2E-06		5E-06 B		
PCB-023		< 0.00464		< 0.00646		< 0.00315		< 0.00758		
PCB-024		1.1E-07 QJ		1.7E-07 J		1.2E-07 QJ		2.9E-07 J		
PCB-025		5.4E-07 B		5.6E-07		4E-07		1E-06 B		
PCB-026		1.2E-06 B C		1.3E-06 B C		9.4E-07 C		2.4E-06 B C		
PCB-027		4.7E-07		5.7E-07		4.8E-07		9.8E-07		
PCB-028		6.9E-06 B C		7.2E-06 B C		5.9E-06 B C		1.4E-05 B		
PCB-029		1.2E-06 B C		1.3E-06 B C		9.4E-07 C26		2.4E-06 B C		
PCB-030		8E-06 B C		8.8E-06 B C		6.8E-06 C18		1.5E-05 B C		
PCB-031		6.6E-06 B		6.5E-06 B		4.9E-06 B		1.3E-05 B		
PCB-032		2.2E-06 B		2.3E-06 B		2.1E-06		4.2E-06 B		
PCB-033		4.6E-06 B C		4.4E-06 B C		3.1E-06 C21		9.2E-06 B C		
PCB-034		3.9E-08 QJ		< 0.00636		1.7E-08 QJ		3.4E-08 QJ		
PCB-035		1.8E-07 J		1.7E-07 J		9.6E-08 J		2.3E-07 J		
PCB-036		9.5E-08 J		< 0.00632		2.4E-08 J		1.5E-07 QJ		
PCB-037		1.2E-06 QB		8.6E-07		9.1E-07		2.1E-06 B		
PCB-038		< 0.00479		< 0.00667		< 0.00325		< 0.00782		
PCB-039		1.9E-08 QJ		1.9E-08 QJ		2.7E-08 QJ		3.2E-08 QJ		
PCB-040		2.4E-06 B C		2E-06 C		1.8E-06 C		4.1E-06 B C		
PCB-041		2.4E-06 B C		2E-06 C40		1.8E-06 C40		4.1E-06 B C		
PCB-042		1E-06		8.6E-07		8E-07		2E-06		
PCB-043		2E-07 QJ		2E-07 J C		1E-07 J C		4.1E-07 C		
PCB-044		6.9E-06 B C		5.4E-06 B C		3.9E-06 B C		1.1E-05 B C		
PCB-045		1.2E-06 B C		1E-06 C		9.7E-07 C		2.3E-06 B C		
PCB-046		3.3E-07 J		3E-07 J		2.5E-07 J		6.8E-07		
PCB-047		6.9E-06 B C		5.4E-06 B C		3.9E-06 B C		1.1E-05 B C		
PCB-048		1E-06 B		8.9E-07		7.3E-07		2.1E-06 B		
PCB-049		3.7E-06 B C		2.8E-06 B C		2.2E-06 C		5.5E-06 B C		
PCB-050		8.3E-07 C		7.7E-07 C		6.4E-07 C		1.6E-06 C		
PCB-051		1.2E-06 B C		1E-06 C45		9.7E-07 C45		2.3E-06 B C		
PCB-052		1.4E-05 B		9.9E-06 B		6.1E-06		1.7E-05 B		
PCB-053		8.3E-07 C50		7.7E-07 C50		6.4E-07 C50		1.6E-06 C50		
PCB-054		< 0.00683		< 0.00881		< 0.00869		< 0.00838		
PCB-055		7.2E-08 QJ		1.3E-07 J		5.9E-08 QJ		1.7E-07 J		
PCB-056		1.3E-06 B		9.5E-07		8.2E-07		1.8E-06 B		
PCB-057		< 0.00645		< 0.00664		< 0.00452		< 0.00789		
PCB-058		2.2E-08 QJ		< 0.00661		< 0.0045		< 0.00785		
PCB-059		3.9E-07 C		3.1E-07 J C		2.6E-07 J C		7.4E-07 C		
PCB-060		7.3E-07 B		5E-07		5.3E-07		1.1E-06 B		
PCB-061		1.1E-05 B C		7.4E-06 B C		5E-06 C		1.2E-05 B C		
PCB-062		3.9E-07 C59		3.1E-07 J C		2.6E-07 J C		7.4E-07 C59		
PCB-063		9E-08 QJ		9.6E-08 J		5.7E-08 J		1.3E-07 QJ		
PCB-064		2.3E-06 B		1.7E-06 B		1.5E-06		3.3E-06 B		
PCB-065		6.9E-06 B C		5.4E-06 B C		3.9E-06 B C		1.1E-05 B C		
PCB-066		3.2E-06 B		2.2E-06 B		1.9E-06		4.1E-06 B		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG50OA1	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50SS1	BLDG50SS1
		11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	11/21/2010	2/5/2010	3/26/2010
		AROA1P-101121-01	AROA2-100206-01	AROA2P-100206-02	AROA2-100327-01	AROA2P-100327-01	AROA2-100808-01	AROA2P-101121-01	ARSS1-100205-01	ARSS1-100326-01
PCB-067		7.7E-08 QJ		4.6E-08 QJ		4E-08 QJ		1.5E-07 J		
PCB-068		1.1E-07 BJ		1.2E-07 J		< 0.0041		1.6E-07 QBJ		
PCB-069		3.7E-06 B C		2.8E-06 B C		2.2E-06 C49		5.5E-06 B C		
PCB-070		1.1E-05 B C		7.4E-06 B C		5E-06 C61		1.2E-05 B C		
PCB-071		2.4E-06 B C		2E-06 C40		1.8E-06 C40		4.1E-06 B C		
PCB-072		< 0.00627		< 0.00646		< 0.0044		< 0.00767		
PCB-073		2E-07 QJ		2E-07 J C		1E-07 J C		4.1E-07 C43		
PCB-074		1.1E-05 B C		7.4E-06 B C		5E-06 C61		1.2E-05 B C		
PCB-075		3.9E-07 C59		3.1E-07 J C		2.6E-07 J C		7.4E-07 C59		
PCB-076		1.1E-05 B C		7.4E-06 B C		5E-06 C61		1.2E-05 B C		
PCB-077	32598-13-3	1.6E-07 QJ		1E-07 J		9.2E-08 J		2.1E-07 J		
PCB-078		< 0.00666		< 0.00686		< 0.00468		< 0.00815		
PCB-079		1.9E-07 J		5.6E-08 J		2.5E-08 QJ		1.6E-07 J		
PCB-080		< 0.00571		< 0.00588		< 0.00401		< 0.00698		
PCB-081	70362-50-4	< 0.00599		< 0.00611		< 0.00428		< 0.00712		
PCB-082		1.3E-06		8.4E-07		3.8E-07 Q		1.1E-06		
PCB-083		5.9E-06 B C		4.6E-06 C		2E-06 Q C		4.5E-06 B C		
PCB-084		3.7E-06		3E-06		1.5E-06		3.2E-06		
PCB-085		1.6E-06 B C		1.2E-06 C		6.2E-07 C		1.3E-06 B C		
PCB-086		8.4E-06 B C		5.7E-06 C		3.2E-06 C		6.5E-06 B C		
PCB-087		8.4E-06 B C		5.7E-06 C86		3.2E-06 C86		6.5E-06 B C		
PCB-088		1.6E-06 C		1.4E-06 C		6.2E-07 C		1.5E-06 C		
PCB-089		1.5E-07 J		< 0.0111		< 0.00756		< 0.0108		
PCB-090		1.4E-05 B C		9.7E-06 B C		5E-06 C		1.1E-05 B C		
PCB-091		1.6E-06 C88		1.4E-06 C88		6.2E-07 C88		1.5E-06 C88		
PCB-092		2.2E-06		1.7E-06		7.2E-07		1.4E-06 Q		
PCB-093		1E-07 QJ		1E-07 J C		< 0.00671		1.2E-07 QJ		
PCB-094		4.7E-08 QJ		< 0.011		< 0.00755		< 0.0108		
PCB-095		1.4E-05 B		9.6E-06 B		5E-06		1.1E-05 B		
PCB-096		9.1E-08 J		< 0.00826		< 0.00565		8.5E-08 QJ		
PCB-097		8.4E-06 B C		5.7E-06 C86		3.2E-06 C86		6.5E-06 B C		
PCB-098		2.8E-07 QJ		2.8E-07 J C		1.1E-07 QJ		3.2E-07 J C		
PCB-099		5.9E-06 B C		4.6E-06 C83		2E-06 Q C		4.5E-06 B C		
PCB-100		1E-07 QJ		1E-07 J C		< 0.00671		1.2E-07 QJ		
PCB-101		1.4E-05 B C		9.7E-06 B C		5E-06 C90		1.1E-05 B C		
PCB-102		2.8E-07 QJ		2.8E-07 J C		1.1E-07 QJ		3.2E-07 J C		
PCB-103		< 0.00755		< 0.00969		< 0.00662		< 0.00948		
PCB-104		< 0.00574		< 0.00736		< 0.00504		< 0.0072		
PCB-105	32598-14-4	2.2E-06 B		1.1E-06		7.8E-07		2.4E-06 B		
PCB-106		< 0.00619		< 0.00637		< 0.00446		< 0.00793		
PCB-107		2.8E-07 J C		1.4E-07 QJ		1.2E-07 J C		2.9E-07 J C		
PCB-108		8.4E-06 B C		5.7E-06 C86		3.2E-06 C86		6.5E-06 B C		
PCB-109		4.3E-07		2.1E-07 QJ		1.3E-07 J		3.5E-07		
PCB-110		1.2E-05 B C		8.2E-06 B C		4.8E-06 C		1E-05 B C		
PCB-111		< 0.00539		< 0.00692		< 0.00473		< 0.00677		
PCB-112		< 0.00586		< 0.00752		< 0.00514		< 0.00735		
PCB-113		1.4E-05 B C		9.7E-06 B C		5E-06 C90		1.1E-05 B C		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG50OA1	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50SS1	BLDG50SS1
		11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	11/21/2010	2/5/2010	3/26/2010
		AROA1P-101121-01	AROA2-100206-01	AROA2P-100206-02	AROA2-100327-01	AROA2P-100327-01	AROA2-100808-01	AROA2P-101121-01	ARSS1-100205-01	ARSS1-100326-01
PCB-114	74472-37-0	1.4E-07 J		9.7E-08 J		4.4E-08 QJ		1.4E-07 QJ		
PCB-115		1.2E-05 B C		8.2E-06 B C		4.8E-06 C11		1E-05 B C		
PCB-116		1.6E-06 B C		1.2E-06 C85		6.2E-07 C85		1.3E-06 BS		
PCB-117		1.6E-06 B C		1.2E-06 C85		6.2E-07 C85		1.3E-06 B C		
PCB-118	31508-00-6	6.4E-06 B		3.9E-06		2.5E-06		6.1E-06 B		
PCB-119		8.4E-06 B C		5.7E-06 C86		3.2E-06 C86		6.5E-06 B C		
PCB-120		< 0.00555		< 0.00712		< 0.00487		< 0.00697		
PCB-121		< 0.00559		< 0.00718		< 0.00491		< 0.00702		
PCB-122		9.3E-08 QJ		< 0.00694		2E-08 QJ		1.3E-07 J		
PCB-123	65510-44-3	6.4E-08 QJ		5.4E-08 J		3.7E-08 J		5.6E-08 QJ		
PCB-124		2.8E-07 J C		1.4E-07 QJ		1.2E-07 J C		2.9E-07 J C		
PCB-125		8.4E-06 B C		5.7E-06 C86		3.2E-06 C86		6.5E-06 B C		
PCB-126	57465-28-8	6.3E-08 J		< 0.00649		< 0.00436		< 0.00939		
PCB-127		< 0.00612		< 0.0063		< 0.00441		< 0.00784		
PCB-128		6.5E-07 Q C		2E-07 J C		1.5E-07 J C		8.9E-07 C		
PCB-129		5.9E-06 B C		1.9E-06 B C		1.7E-06 C		6.7E-06 B C		
PCB-130		3E-07 QJ		1.2E-07 QJ		7.6E-08 QJ		3.2E-07 QJ		
PCB-131		1.2E-07 QJ		8.7E-08 QJ		< 0.00794		1.3E-07 QJ		
PCB-132		3.1E-06 B		1.2E-06		8.8E-07		3E-06 B		
PCB-133		9.8E-08 QJ		< 0.00918		< 0.00728		8.8E-08 J		
PCB-134		7.8E-07 C		2.4E-07 QJ		1.8E-07 J C		4.7E-07 Q C		
PCB-135		3.4E-06 B C		1.5E-06 C		7.9E-07 Q C		2.7E-06 B C		
PCB-136		1.9E-06		9.6E-07		5.4E-07		1.4E-06		
PCB-137		2.6E-07 QJ		1.3E-07 J		7.5E-08 QJ		3E-07 J		
PCB-138		5.9E-06 B C		1.9E-06 B C		1.7E-06 C12		6.7E-06 B C		
PCB-139		1.8E-07 J C		9E-08 J C		4.5E-08 QJ		1E-07 QJ		
PCB-140		1.8E-07 J C		9E-08 J C		4.5E-08 QJ		1E-07 QJ		
PCB-141		1.5E-06 B		4.2E-07		3.3E-07 J		1.4E-06 B		
PCB-142		< 0.0109		< 0.00962		< 0.00763		< 0.0118		
PCB-143		7.8E-07 C13		2.4E-07 QJ		1.8E-07 J C		4.7E-07 Q C		
PCB-144		4.6E-07		2.3E-07 J		8.6E-08 QJ		3.2E-07 J		
PCB-145		< 0.00508		< 0.00578		< 0.00536		< 0.00583		
PCB-146		9.5E-07		3.2E-07		2.2E-07 J		8.1E-07		
PCB-147		8.3E-06 B C		3.1E-06 C		2.3E-06 C		6.6E-06 B C		
PCB-148		< 0.0071		< 0.00808		< 0.0075		< 0.00815		
PCB-149		8.3E-06 B C		3.1E-06 C14		2.3E-06 C14		6.6E-06 B C		
PCB-150		< 0.00495		< 0.00563		< 0.00522		< 0.00568		
PCB-151		3.4E-06 B C		1.5E-06 C13		7.9E-07 Q C		2.7E-06 B C		
PCB-152		< 0.00505		< 0.00575		< 0.00533		< 0.00579		
PCB-153		5.3E-06 B C		1.8E-06 B C		1.5E-06 C		5.2E-06 B C		
PCB-154		4.5E-08 J		2.8E-08 QJ		< 0.00621		< 0.00675		
PCB-155		< 0.00481		< 0.00548		< 0.00508		< 0.00552		
PCB-156		2.8E-07 J C		9.8E-08 QJ		7.6E-08 J C		4.4E-07 C		
PCB-157	69782-90-7	2.8E-07 J C		9.8E-08 QJ		7.6E-08 J C		4.4E-07 C15		
PCB-158		5.8E-07 Q		2.3E-07 J		1.5E-07 J		6.8E-07		
PCB-159		< 0.00728		< 0.0064		< 0.00508		< 0.00783		
PCB-160		5.9E-06 B C		1.9E-06 B C		1.7E-06 C12		6.7E-06 B C		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50OA1	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50SS1	BLDG50SS1
		11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	11/21/2010	2/5/2010	3/26/2010
		AROA1P-101121-01	AROA2-100206-01	AROA2P-100206-02	AROA2-100327-01	AROA2P-100327-01	AROA2-100808-01	AROA2P-101121-01	ARSS1-100205-01	ARSS1-100326-01
PCB-161		< 0.00724		< 0.00637		< 0.00505		< 0.00779		
PCB-162		< 0.00719		< 0.00632		< 0.00502		< 0.00773		
PCB-163		5.9E-06 B C		1.9E-06 B C		1.7E-06 C12		6.7E-06 B C		
PCB-164		3.6E-07		1.3E-07 QJ		8.3E-08 QJ		4.2E-07		
PCB-165		< 0.00796		< 0.007		< 0.00556		< 0.00856		
PCB-166		6.5E-07 Q C		2E-07 J C		1.5E-07 J C		8.9E-07 C12		
PCB-167	52663-72-6	1.2E-07 J		3.5E-08 QJ		3.2E-08 J		1.4E-07 J		
PCB-168		5.3E-06 B C		1.8E-06 B		1.5E-06 C15		5.2E-06 B C		
PCB-169	32774-16-6	< 0.00657		< 0.00527		< 0.00408		< 0.00719		
PCB-170		2.7E-07 J		7E-08 QJ		6.4E-08 QJ		4.3E-07		
PCB-171		1.9E-07 J C		4E-08 QJ		4.4E-08 QJ		2.1E-07 J C		
PCB-172		6.6E-08 QJ		< 0.00526		< 0.00532		6.6E-08 J		
PCB-173		1.9E-07 J C		4E-08 QJ		4.4E-08 QJ		2.1E-07 J C		
PCB-174		7.1E-07		1.5E-07 QJ		1.4E-07 J		7.5E-07		
PCB-175		2.3E-08 QJ		< 0.00473		< 0.00478		2.4E-08 QJ		
PCB-176		1.5E-07 QJ		4.3E-08 J		3.8E-08 J		1.5E-07 J		
PCB-177		3E-07 QJ		7.5E-08 J		6.7E-08 QJ		3.9E-07		
PCB-178		1.7E-07 J		< 0.00511		4.4E-08 QJ		1.4E-07 QJ		
PCB-179		7.7E-07		1.7E-07 J		1.8E-07 J		5.7E-07		
PCB-180		8.6E-07 B C		2.5E-07 J C		2E-07 J C		9.8E-07 B C		
PCB-181		< 0.00427		< 0.00472		< 0.00478		< 0.00552		
PCB-182		< 0.00415		< 0.00459		< 0.00465		< 0.00537		
PCB-183		6E-07 C		1.5E-07 J		9.7E-08 QJ		5.3E-07 Q C		
PCB-184		< 0.00352		< 0.0039		< 0.00394		< 0.00456		
PCB-185		6E-07 C18		1.5E-07 J C		9.7E-08 QJ		5.3E-07 Q C		
PCB-186		< 0.00342		< 0.00379		< 0.00383		< 0.00443		
PCB-187		1.1E-06 B		2.6E-07 J		2.6E-07 J		1.1E-06 B		
PCB-188		< 0.0029		< 0.00333		< 0.0034		< 0.00363		
PCB-189	39635-31-9	< 0.00323		< 0.00317		< 0.00324		< 0.00447		
PCB-190		4.8E-08 QJ		< 0.00366		< 0.0037		5.6E-08 QJ		
PCB-191		< 0.00325		< 0.0036		< 0.00364		< 0.00421		
PCB-192		< 0.00363		< 0.00402		< 0.00407		< 0.0047		
PCB-193		8.6E-07 B C		2.5E-07 J C		2E-07 J C		9.8E-07 B C		
PCB-194		5.1E-08 J		< 0.00411		< 0.00342		5.7E-08 J		
PCB-195		4.5E-08 J		< 0.00446		< 0.00372		4.7E-08 J		
PCB-196		7.8E-08 J		< 0.00473		< 0.00472		6.1E-08 J		
PCB-197		< 0.00239		< 0.00352		< 0.00351		< 0.00265		
PCB-198		2.3E-07 J C		6.3E-08 J C		4E-08 QJ		2.2E-07 J C		
PCB-199		2.3E-07 J C		6.3E-08 J C		4E-08 QJ		2.2E-07 J C		
PCB-200		3.1E-08 J		< 0.00346		< 0.00345		< 0.0026		
PCB-201		5.6E-08 QJ		< 0.00334		< 0.00333		2.4E-08 QJ		
PCB-202		1.2E-07 QJ		< 0.00376		< 0.00375		9E-08 QJ		
PCB-203		1.2E-07 QJ		3E-08 QJ		< 0.00435		1.1E-07 QJ		
PCB-204		< 0.00248		< 0.00366		< 0.00365		< 0.00276		
PCB-205		< 0.00256		< 0.00346		< 0.00288		< 0.00294		
PCB-206		3E-08 QJ		2.1E-08 J		< 0.00707		3.8E-08 QJ		
PCB-207		< 0.00198		< 0.00308		< 0.00531		< 0.00268		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50OA1	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50OA2	BLDG50SS1	BLDG50SS1
		11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	8/8/2010	11/21/2010	2/5/2010	3/26/2010
		AROA1P-101121-01	AROA2-100206-01	AROA2P-100206-02	AROA2-100327-01	AROA2P-100327-01	AROA2-100808-01	AROA2P-101121-01	ARSS1-100205-01	ARSS1-100326-01
PCB-208		2.5E-08 QJ		< 0.00322		< 0.00575		< 0.00274		
PCB-209		2.2E-08 QJ		< 0.00363		< 0.00449		2.2E-08 QJ		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2
		8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS1-100806-01	ARSS1P-100807-01	ARSS1-101119-01	ARSS1P-101120-01	ARSS2-100205-01	ARSS2P-100207-01	ARSS2-100326-01	ARSS2P-100327-01	ARSS2-100806-01
VOCs										
Acetone	67-64-1	65		46 J						99
Acetonitrile	75-05-8	< 6.7		< 48						2.4 J
Acrolein	107-02-8	< 7.3		< 6.7						1.9 J
Acrylonitrile	107-13-1	< 17		< 7.3						< 17
Allyl Chloride	107-05-1	< 2.5		< 17						< 2.5
Benzene	71-43-2	2.5 J		0.96 J		4.1		1.2 J		3.7
Benzyl Chloride	100-44-7	< 8.3		< 8.3						< 8.3
Bromodichloromethane	75-27-4	< 5.4		< 5.4						< 5.4
Bromoform	75-25-2	< 8.3		< 8.3						< 8.3
Bromomethane	74-83-9	< 3.1		< 3.1						< 3.1
Butadiene, 1,3-	106-99-0	< 3.5		< 3.5						< 3.5
Butane, n-	106-97-8	14		1.1 J						92
Carbon Disulfide	75-15-0	4.1 J B		< 5						2.6 J B
Carbon Tetrachloride	56-23-5	< 5		< 3.7						1.2 J
Chlorobenzene	108-90-7	< 3.7		< 2.8						2.3 J
Chlorodifluoromethane	75-45-6	4.1		1.2 J						4.1
Chloroethane	75-00-3	< 2.1		< 3.9						< 2.1
Chloroform	67-66-3	2.2 J		< 4.1		1.3 J		< 3.9		0.76 J
Chloromethane	74-87-3	< 4.1		< 3.2						1.7 J
cis-1,3-Dichloropropene	10061-01-5	< 3.6		< 7.9						< 3.6
Cyclohexane	110-82-7	0.57 J		< 6.9						0.87 J
Decane, n-	124-18-5	11 J		< 6.8						19 J
Dibromochloromethane	124-48-1	< 6.8		< 11						< 6.8
Dibromoethane, 1,2-	106-93-4	< 6.1		< 6.1						< 6.1
Dibromomethane (Methylene Bromide)	74-95-3	< 11		< 4						< 11
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2	< 5.6		< 5.6						< 5.6
Dichlorobenzene, 1,2-	95-50-1	< 4.8		< 4.8		< 4.8		< 4.8		< 4.8
Dichlorobenzene, 1,3-	541-73-1	< 4.8		< 4.8						< 4.8
Dichlorobenzene, 1,4-	106-46-7	13		< 4.8		< 4.8		2.8 J		24
Dichlorodifluoromethane	75-71-8	3 J		2.7 J						2.8 J
Dichloroethane, 1,1-	75-34-3	< 3.2		< 3.2						< 3.2
Dichloroethane, 1,2-	107-06-2	< 3.2		< 3.2						2 J
Dichloroethene, 1,1-	75-35-4	< 3.2		< 3.2		< 3.2		< 3.2		< 3.2
Dichloroethylene, 1,2-cis-	156-59-2	< 3.2		< 3.6		< 3.2		< 3.2		< 3.2
Dichloroethylene, 1,2-trans-	156-60-5	< 3.2		< 3.2		< 3.2		< 3.2		< 3.2
Dichloropropane, 1,2-	78-87-5	< 3.7		< 3.7						< 3.7
Dichloropropene, trans-1,3-	10061-02-6	< 3.6		< 3.6						< 3.6
Dodecane, n-	112-40-3	3.2 J		< 7						3.9 J
Ethyl Ether	60-29-7	< 24		< 3.5						< 24
Ethylbenzene	100-41-4	2.9 J		1.9 J		2.6 J		2.8 J		8
Heptane, n-		1.1 J		< 3.5						1.6 J
Hexachlorobutadiene	87-68-3	< 43		< 14						< 43
Hexane, N-	110-54-3	53		1.1 BJ						62
Hexanone, 2-	591-78-6	< 8.2		< 8.2						2 J
Isopropylbenzene (Cumene)	98-82-8	< 7.9		< 10						< 7.9
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.3 J		< 12						13

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2
		8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS1-100806-01	ARSS1P-100807-01	ARSS1-101119-01	ARSS1P-101120-01	ARSS2-100205-01	ARSS2P-100207-01	ARSS2-100326-01	ARSS2P-100327-01	ARSS2-100806-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	18		5.1 J						32
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 14		< 28						< 14
Methylene Chloride	75-09-2	2.1 J B		1.5 BJ						1.5 J B
Methylstyrene, Alpha-	98-83-9	< 7.7		< 7.7						< 7.7
Naphthalene	91-20-3	2.2 J		< 8.2						3.2 J
Nonane, n-	111-84-2	9.1 J		1.4 J						15
Octane, n-	111-65-9	1.1 J		< 26						1.6 J
Pentane, n-	109-66-0	3.7 J		< 12						5.3 J
Propylbenzene, n-	103-65-1	< 7.9		< 10						1.8 J
Styrene	100-42-5	1.9 J		< 3.4						5.7
Tetrachloroethane, 1,1,2,2-	79-34-5	< 5.5		< 5.5						< 5.5
Tetrachloroethene	127-18-4	< 5.4		< 5.4		< 5.4		< 5.4		15
Toluene	108-88-3	7.1		2.7 BJ		7.7		3.3		13
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	6.2								14
Trichlorobenzene, 1,2,4-	120-82-1	< 30		< 30						< 30
Trichloroethane, 1,1,1-	71-55-6	< 4.4		< 4.4						< 4.4
Trichloroethane, 1,1,2-	79-00-5	< 4.4		< 6.1						1.3 J
Trichloroethene	79-01-6	120		18		5.4		0.8 J		2.9
Trichlorofluoromethane	75-69-4	6.4		1.3 J						59
Trichlorotrifluoroethane, 1,1,2-				1 J						
Trimethylbenzene, 1,2,4-	95-63-6	4.9		1.3 J						15
Trimethylbenzene, 1,3,5-	108-67-8	1.4 J		< 3.9						4.6
Undecane, n-	1120-21-4	3.2 J		< 7.9						6.1 J
Vinyl Acetate	108-05-4	< 14		< 14						< 14
Vinyl Chloride	75-01-4	< 2		< 2		< 2		< 2		< 2
Xylene, o-	95-47-6	3.5		1.8 J		3.8		3.1 J		9.7
Xylenes, m & p		10		6.7		8.8		11		31
PCBs and Dioxins										
PCB-001			1E-04 B		3.8E-06 QBJ		8.7E-05		5.2E-05	
PCB-002			1.6E-05 QB		< 0.00231		7E-06 QJ		8E-06 J	
PCB-003			5.3E-05		< 0.00337		2.5E-05 J		2.1E-05	
PCB-004			0.00018		4.4E-06 QBJ		0.00017		7.8E-05	
PCB-005			4E-06 QJ		< 0.0127		< 0.0497		3.4E-06 QJ	
PCB-006			5.8E-05		2.3E-06 QBJ		6.4E-05 QJ		2.4E-05 Q	
PCB-007			2.6E-05 Q		< 0.0123		1.3E-05 QJ		1.4E-05 Q	
PCB-008			0.00027 B		9.5E-06 QBJ		0.00026 B		0.0001	
PCB-009			1.8E-05 Q		1.2E-06 QJ		1.9E-05 QJ		1.1E-05 QJ	
PCB-010			8.9E-06 QJ		< 0.0133		9.9E-06 QJ		3.1E-06 QJ	
PCB-011			0.00016 B		2.2E-05 QBJ		2.9E-05 QBJ		2.5E-05 BJ	
PCB-012			7.3E-06 QBJ		1.2E-06 QJ		6.9E-06 QJ		3E-06 QJ	
PCB-013			7.3E-06 QBJ		1.2E-06 QJ		6.9E-06 QJ		3E-06 QJ	
PCB-014			< 0.0152		< 0.0104		< 0.0406		< 0.00872	
PCB-015			4.1E-05 QB		2.5E-06 QBJ		4.2E-05 QJ		1.1E-05 J	
PCB-016			6.7E-05 Q		3.3E-06 QBJ		0.00018		4.7E-05	
PCB-017			0.00018		3.3E-06 BJ		0.0002		7.9E-05	
PCB-018			0.00019 B C		9.3E-06 QBJ		0.0006 B C		0.00015 C	
PCB-019			2.7E-05		< 0.00648		5.7E-05 J		2E-05 Q	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2
		8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS1-100806-01	ARSS1P-100807-01	ARSS1-101119-01	ARSS1P-101120-01	ARSS2-100205-01	ARSS2P-100207-01	ARSS2-100326-01	ARSS2P-100327-01	ARSS2-100806-01
PCB-020			0.00011 B C		8E-06 QBJ		0.00051 B C		4.5E-05 C	
PCB-021			0.00014 B C		2.9E-06 QBJ		0.00031 B C		3.9E-05 C	
PCB-022			3.2E-05 B		1.7E-06 QBJ		0.00016		1.2E-05 QJ	
PCB-023			< 0.00832		< 0.00561		< 0.0291		< 0.00431	
PCB-024			< 0.0125		< 0.00443		6.9E-06 J		< 0.00907	
PCB-025			2.7E-05		< 0.005		3.8E-05 J		7.3E-06 QJ	
PCB-026			1.6E-05 C		1.1E-06 QBJ		7.3E-05 C		8.8E-06 QJ	
PCB-027			8.8E-06 J		< 0.00382		2.4E-05 J		7E-06 J	
PCB-028			0.00011 B C		8E-06 QBJ		0.00051 B C		4.5E-05 C20	
PCB-029			1.6E-05 C26		1.1E-06 QBJ		7.3E-05 C26		8.8E-06 QJ	
PCB-030			0.00019 B C		9.3E-06 QBJ		0.0006 B C		0.00015 C18	
PCB-031			1E-04 B		8.9E-06 BJ		0.0008 B		6.6E-05	
PCB-032			4.5E-05		2.7E-06 BJ		0.00013		2.9E-05	
PCB-033			0.00014 B C		2.9E-06 QBJ		0.00031 B C		3.9E-05 C21	
PCB-034			< 0.00819		< 0.00552		< 0.0287		< 0.00425	
PCB-035			< 0.00841		< 0.00567		6E-06 QJ		< 0.00437	
PCB-036			< 0.00813		< 0.00548		9.8E-05		< 0.00422	
PCB-037			7.9E-06 BJ		< 0.00562		0.00013		3.8E-06 J	
PCB-038			< 0.00858		< 0.00578		< 0.03		< 0.00445	
PCB-039			< 0.00763		< 0.00514		< 0.0267		< 0.00396	
PCB-040			1.3E-05 J C		< 0.00552		0.00127 C		4.6E-05 Q C	
PCB-041			1.3E-05 J C		< 0.00552		0.00127 C40		4.6E-05 Q C	
PCB-042			6.9E-06 QJ		< 0.00562		0.00057		2.7E-05	
PCB-043			< 0.0133		< 0.00516		0.00025 C		7E-06 QJ	
PCB-044			0.01034 B C		1.5E-05 B C		0.00794 B C		0.00197 C	
PCB-045			0.00298 C		4.4E-06 BJ		0.00043 C		0.00056 C	
PCB-046			2.6E-05		< 0.00677		8.4E-05 Q		1.1E-05 QJ	
PCB-047			0.01034 B C		1.5E-05 B C		0.00794 B C		0.00197 C44	
PCB-048			6E-06 QJ		< 0.00548		0.0005		2.3E-05 Q	
PCB-049			0.00014 B C		2.4E-06 QBJ		0.00409 C		0.0002 C	
PCB-050			1.1E-05 J C		< 0.00532		0.00048 C		6E-05 C	
PCB-051			0.00298 C45		4.4E-06 BJ		0.00043 C45		0.00056 C45	
PCB-052			8.8E-05 B		4.8E-06 BJ		0.02069 B		0.00105	
PCB-053			1.1E-05 J C		< 0.00532		0.00048 C50		6E-05 C50	
PCB-054			< 0.0123		< 0.0046		< 0.0492		< 0.0124	
PCB-055			< 0.0111		< 0.00428		0.00013 Q		< 0.00812	
PCB-056			3.7E-06 QJ		< 0.00403		0.0016		2.1E-05	
PCB-057			< 0.0105		< 0.00407		< 0.0476		< 0.00773	
PCB-058			< 0.0105		< 0.00405		9E-06 QJ		< 0.00769	
PCB-059			< 0.0102		< 0.00393		0.00015 Q C		1E-05 QJ	
PCB-060			2.5E-06 QJ		< 0.00415		0.00087		1.2E-05 J	
PCB-061			3.1E-05 B C		1.9E-06 QBJ		0.01901 B C		0.00027 C	
PCB-062			< 0.0102		< 0.00393		0.00015 Q C		1E-05 QJ	
PCB-063			< 0.00976		< 0.00378		0.00018		4.1E-06 J	
PCB-064			8.7E-06 QBJ		1.1E-06 QBJ		0.0025		7.6E-05	
PCB-065			0.01034 B C		1.5E-05 B C		0.00794 B C		0.00197 C44	
PCB-066			1E-05 BJ		< 0.0039		0.00451		6.1E-05	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2
		8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS1-100806-01	ARSS1P-100807-01	ARSS1-101119-01	ARSS1P-101120-01	ARSS2-100205-01	ARSS2P-100207-01	ARSS2-100326-01	ARSS2P-100327-01	ARSS2-100806-01
PCB-067			< 0.00947		< 0.00366		4.6E-05 QJ		< 0.00695	
PCB-068			0.00068		< 0.00369		4.2E-05 J		0.0001	
PCB-069			0.00014 B C		2.4E-06 QBJ		0.00409 C49		0.0002 C49	
PCB-070			3.1E-05 B C		1.9E-06 QBJ		0.01901 B C		0.00027 C61	
PCB-071			1.3E-05 J C		< 0.00552		0.00127 C40		4.6E-05 Q C	
PCB-072			< 0.0102		< 0.00396		< 0.0463		< 0.00752	
PCB-073			< 0.0133		< 0.00516		0.00025 C43		7E-06 QJ	
PCB-074			3.1E-05 B C		1.9E-06 QBJ		0.01901 B C		0.00027 C61	
PCB-075			< 0.0102		< 0.00393		0.00015 Q C		1E-05 QJ	
PCB-076			3.1E-05 B C		1.9E-06 QBJ		0.01901 B C		0.00027 C61	
PCB-077	32598-13-3		< 0.0103		< 0.00395		0.00013 Q		< 0.00718	
PCB-078			< 0.0109		< 0.00421		< 0.0492		< 0.00799	
PCB-079			< 0.00955		< 0.0037		0.00025		2.8E-06 QJ	
PCB-080			< 0.00932		< 0.00361		< 0.0422		< 0.00684	
PCB-081	70362-50-4		< 0.00945		< 0.00369		< 0.0453		< 0.00731	
PCB-082			< 0.0104		< 0.00489		0.00391		2.6E-05	
PCB-083			1.1E-05 QJ		< 0.00411		0.01849 C		0.00019 C	
PCB-084			6.7E-06 QJ		< 0.00467		0.00874		0.00017	
PCB-085			< 0.00722		< 0.00339		0.0056 C		4.8E-05 C	
PCB-086			1.5E-05 Q C		< 0.00346		0.02457 C		0.00022 C	
PCB-087			1.5E-05 Q C		< 0.00346		0.02457 C86		0.00022 C86	
PCB-088			4.5E-06 J C		< 0.00417		0.00433 C		9.1E-05 C	
PCB-089			< 0.00964		< 0.00452		0.00027		4.5E-06 QJ	
PCB-090			2.9E-05 B C		1.7E-06 QBJ		0.03647 C		0.00042 C	
PCB-091			4.5E-06 J C		< 0.00417		0.00433 C88		9.1E-05 C88	
PCB-092			4.7E-06 J		< 0.004		0.00604		8.3E-05	
PCB-093			< 0.00856		< 0.00402		0.00024 Q C		5.4E-06 J C	
PCB-094			< 0.00964		< 0.00452		1E-04		< 0.0144	
PCB-095			3.8E-05 Q		2.3E-06 BJ		0.02832		0.00068	
PCB-096			< 0.00721		< 0.00338		0.00018		1.2E-05 J	
PCB-097			1.5E-05 Q C		< 0.00346		0.02457 C86		0.00022 C86	
PCB-098			< 0.0083		< 0.00389		0.00085 C		1.9E-05 C	
PCB-099			1.1E-05 QJ		< 0.00411		0.01849 C83		0.00019 C83	
PCB-100			< 0.00856		< 0.00402		0.00024 Q C		5.4E-06 J C	
PCB-101			2.9E-05 B C		1.7E-06 QBJ		0.03647 C90		0.00042 C90	
PCB-102			< 0.0083		< 0.00389		0.00085 C98		1.9E-05 C98	
PCB-103			< 0.00845		< 0.00397		0.00014		< 0.0126	
PCB-104			< 0.00642		< 0.00301		< 0.0652		< 0.00957	
PCB-105	32598-14-4		3.7E-06 QJ		< 0.00301		0.01319		3.4E-05	
PCB-106			< 0.00571		< 0.00324		< 0.0711		< 0.00648	
PCB-107			< 0.00583		< 0.00331		0.00163 C		7.3E-06 J C	
PCB-108			1.5E-05 Q C		< 0.00346		0.02457 C86		0.00022 C86	
PCB-109			< 0.00554		< 0.00315		0.00238		8.7E-06 J	
PCB-110			2.4E-05 B C		1.1E-06 QBJ		0.03841 C		0.00026 C	
PCB-111			< 0.00604		< 0.00283		6.4E-06 QJ		< 0.009	
PCB-112			< 0.00656		< 0.00308		< 0.0666		< 0.00977	
PCB-113			2.9E-05 B C		1.7E-06 QBJ		0.03647 C90		0.00042 C90	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2
		8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS1-100806-01	ARSS1P-100807-01	ARSS1-101119-01	ARSS1P-101120-01	ARSS2-100205-01	ARSS2P-100207-01	ARSS2-100326-01	ARSS2P-100327-01	ARSS2-100806-01
PCB-114	74472-37-0		< 0.00517		< 0.00291		0.00107		3.3E-06 QJ	
PCB-115			2.4E-05 B C		1.1E-06 QBJ		0.03841 C11		0.00026 C11	
PCB-116			< 0.00722		< 0.00339		0.0056 C85		4.8E-05 C85	
PCB-117			< 0.00722		< 0.00339		0.0056 C85		4.8E-05 C85	
PCB-118	31508-00-6		1.6E-05 B		< 0.003		0.03699		0.00012	
PCB-119			1.5E-05 Q C		< 0.00346		0.02457 C86		0.00022 C86	
PCB-120			< 0.00621		< 0.00291		2E-05 QJ		< 0.00926	
PCB-121			< 0.00626		< 0.00294		< 0.0636		< 0.00933	
PCB-122			< 0.00622		< 0.00353		0.00054		< 0.00705	
PCB-123	65510-44-3		< 0.00562		< 0.00313		0.00052		2.2E-06 QJ	
PCB-124			< 0.00583		< 0.00331		0.00163 C10		7.3E-06 J C	
PCB-125			1.5E-05 Q C		< 0.00346		0.02457 C86		0.00022 C86	
PCB-126	57465-28-8		< 0.0059		< 0.00354		0.00024		< 0.00622	
PCB-127			< 0.00564		< 0.0032		6.1E-05 QJ		< 0.0064	
PCB-128			2.4E-06 QJ		< 0.0031		0.00565 C		7.7E-06 J C	
PCB-129			2E-05 C		< 0.0032		0.0344 C		6.3E-05 C	
PCB-130			< 0.00944		< 0.00413		0.00229		5.2E-06 J	
PCB-131			< 0.00967		< 0.00423		0.0008		< 0.011	
PCB-132			7.8E-06 J		< 0.00403		0.01251		4E-05	
PCB-133			< 0.00887		< 0.00388		0.00046		< 0.0101	
PCB-134			< 0.00945		< 0.00414		0.00242 C		1E-05 J C	
PCB-135			5.7E-06 QJ		< 0.00336		0.00697 C		4.4E-05 C	
PCB-136			4.9E-06 J		< 0.00247		0.00332		4.3E-05	
PCB-137			2.3E-06 J		< 0.00357		0.00248		6E-06 J	
PCB-138			2E-05 C12		< 0.0032		0.0344 C12		6.3E-05 C12	
PCB-139			< 0.00809		< 0.00355		0.00098 C		4E-06 QJ	
PCB-140			< 0.00809		< 0.00355		0.00098 C13		4E-06 QJ	
PCB-141			3E-06 J		< 0.00369		0.00609		1.4E-05	
PCB-142			< 0.0093		< 0.00407		< 0.14		< 0.0106	
PCB-143			< 0.00945		< 0.00414		0.00242 C13		1E-05 J C	
PCB-144			< 0.00718		< 0.00312		0.0014		7.3E-06 QJ	
PCB-145			< 0.00543		< 0.00236		< 0.0632		< 0.00804	
PCB-146			1.7E-06 QJ		< 0.00337		0.00387		1.1E-05 J	
PCB-147			1.5E-05 B C		< 0.00344		0.02186 C		9.7E-05 C	
PCB-148			< 0.0076		< 0.0033		< 0.0885		< 0.0112	
PCB-149			1.5E-05 B C		< 0.00344		0.02186 C14		9.7E-05 C14	
PCB-150			< 0.0053		< 0.0023		3.2E-05 J		< 0.00784	
PCB-151			5.7E-06 QJ		< 0.00336		0.00697 C13		4.4E-05 C13	
PCB-152			< 0.0054		< 0.00235		3.2E-05 J		< 0.00799	
PCB-153			1.1E-05 QBJ		4.2E-07 QBJ		0.02108 C		5.1E-05 C	
PCB-154			< 0.0063		< 0.00274		0.00017 Q		< 0.00932	
PCB-155			< 0.00515		< 0.00224		< 0.0599		< 0.00762	
PCB-156			2.2E-06 J C		< 0.00332		0.00416 C		3.8E-06 QJ	
PCB-157	69782-90-7		2.2E-06 J C		< 0.00332		0.00416 C15		3.8E-06 QJ	
PCB-158			< 0.00577		< 0.00253		0.00447		8.3E-06 J	
PCB-159			< 0.00618		< 0.00271		7.9E-05		< 0.00702	
PCB-160			2E-05 C12		< 0.0032		0.0344 C12		6.3E-05 C12	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2
		8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS1-100806-01	ARSS1P-100807-01	ARSS1-101119-01	ARSS1P-101120-01	ARSS2-100205-01	ARSS2P-100207-01	ARSS2-100326-01	ARSS2P-100327-01	ARSS2-100806-01
PCB-161			< 0.00615		< 0.0027		< 0.0928		< 0.00699	
PCB-162			< 0.00611		< 0.00268		0.00013		< 0.00694	
PCB-163			2E-05 C12		< 0.0032		0.0344 C12		6.3E-05 C12	
PCB-164			< 0.00644		< 0.00282		0.00212		3.5E-06 QJ	
PCB-165			< 0.00676		< 0.00296		< 0.102		< 0.00768	
PCB-166			2.4E-06 QJ		< 0.0031		0.00565 C12		7.7E-06 J C	
PCB-167	52663-72-6		< 0.00458		< 0.00191		0.0012		1.3E-06 QJ	
PCB-168			1.1E-05 QBJ		4.2E-07 QBJ		0.02108 C15		5.1E-05 C15	
PCB-169	32774-16-6		< 0.00509		< 0.00229		< 0.0726		< 0.00496	
PCB-170			2E-06 QJ		< 0.00445		0.00239		< 0.00716	
PCB-171			< 0.0053		< 0.00396		0.00081 C		< 0.00695	
PCB-172			< 0.00525		< 0.00392		0.00036		< 0.00688	
PCB-173			< 0.0053		< 0.00396		0.00081 C17		< 0.00695	
PCB-174			< 0.00491		< 0.00367		0.00199		2.7E-06 J	
PCB-175			< 0.00472		< 0.00353		0.00011		< 0.00619	
PCB-176			< 0.00359		< 0.00269		0.00032		< 0.00471	
PCB-177			< 0.00503		< 0.00376		0.00104		< 0.0066	
PCB-178			< 0.0051		< 0.00381		0.00036		< 0.00669	
PCB-179			1.9E-06 QJ		< 0.00283		0.00082		3.1E-06 QJ	
PCB-180			3.4E-06 J C		< 0.00299		0.00367 C		3E-06 J C	
PCB-181			< 0.00471		< 0.00352		6.3E-05 J		< 0.00618	
PCB-182			< 0.00458		< 0.00342		2.7E-05 J		< 0.00601	
PCB-183			1.3E-06 J C		< 0.0035		0.00156 C		< 0.00614	
PCB-184			< 0.00389		< 0.00291		< 0.0377		< 0.0051	
PCB-185			1.3E-06 J C		< 0.0035		0.00156 C18		< 0.00614	
PCB-186			< 0.00378		< 0.00282		< 0.0366		< 0.00495	
PCB-187			< 0.00438		< 0.00328		0.00188		4.6E-06 J	
PCB-188			< 0.00317		< 0.0024		< 0.0322		< 0.00443	
PCB-189	39635-31-9		< 0.00295		< 0.00258		0.00011 Q		< 0.00335	
PCB-190			< 0.00365		< 0.00273		0.00042		< 0.00479	
PCB-191			< 0.00359		< 0.00268		0.00011		< 0.00471	
PCB-192			< 0.00401		< 0.003		< 0.0389		< 0.00526	
PCB-193			3.4E-06 J C		< 0.00299		0.00367 C18		3E-06 J C	
PCB-194			< 0.00255		< 0.00203		0.0004		< 0.00393	
PCB-195			< 0.00277		< 0.0022		0.00018		< 0.00427	
PCB-196			< 0.00346		< 0.00249		0.00025		< 0.00644	
PCB-197			< 0.00257		< 0.00186		1.3E-05 QJ		< 0.00479	
PCB-198			< 0.00357		< 0.00257		0.00046 C		< 0.00665	
PCB-199			< 0.00357		< 0.00257		0.00046 C19		< 0.00665	
PCB-200			< 0.00252		< 0.00182		6.5E-05		< 0.00471	
PCB-201			< 0.00244		< 0.00176		5.9E-05 J		< 0.00454	
PCB-202			< 0.00275		< 0.00198		7.9E-05		< 0.00512	
PCB-203			< 0.00319		< 0.0023		0.00032		< 0.00594	
PCB-204			< 0.00267		< 0.00193		< 0.0239		< 0.00498	
PCB-205			< 0.00215		< 0.00171		2.3E-05 J		< 0.00331	
PCB-206			< 0.00374		< 0.00342		9.2E-05		< 0.0105	
PCB-207			< 0.00268		< 0.00245		1.1E-05 QJ		< 0.00768	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS1	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2	BLDG50SS2
		8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS1-100806-01	ARSS1P-100807-01	ARSS1-101119-01	ARSS1P-101120-01	ARSS2-100205-01	ARSS2P-100207-01	ARSS2-100326-01	ARSS2P-100327-01	ARSS2-100806-01
PCB-208			< 0.00281		< 0.00256		2.2E-05 J		< 0.00814	
PCB-209			< 0.00348		< 0.00357		9.5E-06 QJ		< 0.00519	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS2	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3
		11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010
		ARSS2-101119-01	ARSS3-100205-01	ARSS3P-100207-01	ARSS3-100326-01	ARSS3P-100327-01	ARSS3-100806-01	ARSS3P-100807-01	ARSS3-101119-01	ARSS3P-101120-01
VOCs										
Acetone	67-64-1	28 J					40 J		25 J	
Acetonitrile	75-05-8	< 48					< 6.7		< 48	
Acrolein	107-02-8	< 6.7					< 7.3		< 6.7	
Acrylonitrile	107-13-1	< 7.3					< 17		< 7.3	
Allyl Chloride	107-05-1	< 17					< 2.5		< 17	
Benzene	71-43-2	2.3 J	3.7		0.79 J		0.99 J		1.8 J	
Benzyl Chloride	100-44-7	< 8.3					< 8.3		< 8.3	
Bromodichloromethane	75-27-4	< 5.4					< 5.4		< 5.4	
Bromoform	75-25-2	< 8.3					< 8.3		< 8.3	
Bromomethane	74-83-9	< 3.1					< 3.1		< 3.1	
Butadiene, 1,3-	106-99-0	< 3.5					< 3.5		< 3.5	
Butane, n-	106-97-8	3.4 J					130		12	
Carbon Disulfide	75-15-0	< 5					0.81 J B		< 5	
Carbon Tetrachloride	56-23-5	< 3.7					< 5		1.9 J	
Chlorobenzene	108-90-7	< 2.8					< 3.7		< 2.8	
Chlorodifluoromethane	75-45-6	2.1 J					4.8		2.8 J	
Chloroethane	75-00-3	< 3.9					< 2.1		< 3.9	
Chloroform	67-66-3	< 4.1	6.4		< 3.9		< 3.9		< 4.1	
Chloromethane	74-87-3	< 3.2					1.5 J		1.6 J	
cis-1,3-Dichloropropene	10061-01-5	< 7.9					< 3.6		< 7.9	
Cyclohexane	110-82-7	< 6.9					< 6.9		< 6.9	
Decane, n-	124-18-5	5.2 J					2.1 J		4.7 J	
Dibromochloromethane	124-48-1	< 11					< 6.8		< 11	
Dibromoethane, 1,2-	106-93-4	< 6.1					< 6.1		< 6.1	
Dibromomethane (Methylene Bromide)	74-95-3	< 4					< 11		< 4	
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2	< 5.6					< 5.6		< 5.6	
Dichlorobenzene, 1,2-	95-50-1	< 4.8	< 4.8		< 4.8		< 4.8		< 4.8	
Dichlorobenzene, 1,3-	541-73-1	< 4.8					< 4.8		< 4.8	
Dichlorobenzene, 1,4-	106-46-7	2.2 J	< 4.8		< 4.8		8.2		< 4.8	
Dichlorodifluoromethane	75-71-8	3.8 J					2.7 J		3.2 J	
Dichloroethane, 1,1-	75-34-3	< 3.2					< 3.2		< 3.2	
Dichloroethane, 1,2-	107-06-2	< 3.2					< 3.2		< 3.2	
Dichloroethene, 1,1-	75-35-4	< 3.2	< 3.2		< 3.2		< 3.2		< 3.2	
Dichloroethylene, 1,2-cis-	156-59-2	< 3.6	< 3.2		< 3.2		< 3.2		< 3.6	
Dichloroethylene, 1,2-trans-	156-60-5	< 3.2	< 3.2		< 3.2		< 3.2		< 3.2	
Dichloropropane, 1,2-	78-87-5	< 3.7					< 3.7		< 3.7	
Dichloropropene, trans-1,3-	10061-02-6	< 3.6					< 3.6		< 3.6	
Dodecane, n-	112-40-3	< 7					2.5 J		< 7	
Ethyl Ether	60-29-7	< 3.5					< 24		< 3.5	
Ethylbenzene	100-41-4	2.9 J	3.2 J		3.2 J		1.8 J		4.1	
Heptane, n-		0.79 J					1.9 J		1.6 J	
Hexachlorobutadiene	87-68-3	< 14					< 43		< 14	
Hexane, N-	110-54-3	2.2 BJ					32		3.4 BJ	
Hexanone, 2-	591-78-6	< 8.2					< 8.2		< 8.2	
Isopropylbenzene (Cumene)	98-82-8	< 10					< 7.9		< 10	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.6 J					4.4 J		2.6 J	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG50SS2	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3
		11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010
		ARSS2-101119-01	ARSS3-100205-01	ARSS3P-100207-01	ARSS3-100326-01	ARSS3P-100327-01	ARSS3-100806-01	ARSS3P-100807-01	ARSS3-101119-01	ARSS3P-101120-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	7.2 J					5.5 J		1.9 J	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 28					< 14		< 28	
Methylene Chloride	75-09-2	1.5 BJ					1.5 J B		3.4 BJ	
Methylstyrene, Alpha-	98-83-9	< 7.7					< 7.7		< 7.7	
Naphthalene	91-20-3	< 8.2					1.9 J		< 8.2	
Nonane, n-	111-84-2	3.7 J					1.6 J		6.1 J	
Octane, n-	111-65-9	< 26					0.87 J		1.1 J	
Pentane, n-	109-66-0	1 J					1.3 J		2.5 J	
Propylbenzene, n-	103-65-1	1.2 J					< 7.9		1.1 J	
Styrene	100-42-5	3.8					< 3.4		< 3.4	
Tetrachloroethane, 1,1,2,2-	79-34-5	< 5.5					< 5.5		< 5.5	
Tetrachloroethene	127-18-4	< 5.4	< 5.4		< 5.4		< 5.4		1.3 J	
Toluene	108-88-3	7.5 B	11		3.5		3.1		11 B	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1						1.1 J			
Trichlorobenzene, 1,2,4-	120-82-1	< 30					< 30		< 30	
Trichloroethane, 1,1,1-	71-55-6	1.1 J					< 4.4		< 4.4	
Trichloroethane, 1,1,2-	79-00-5	< 6.1					< 4.4		< 6.1	
Trichloroethene	79-01-6	4.6	840		< 2.1		< 2.1		< 2.1	
Trichlorofluoromethane	75-69-4	2.8 J					74		6.4	
Trichlorotrifluoroethane, 1,1,2-		< 4.4							< 4.4	
Trimethylbenzene, 1,2,4-	95-63-6	9					1.5 J		9.7	
Trimethylbenzene, 1,3,5-	108-67-8	2.6 J					< 3.9		2.3 J	
Undecane, n-	1120-21-4	2.9 J					1.8 J		3 J	
Vinyl Acetate	108-05-4	< 14					< 14		< 14	
Vinyl Chloride	75-01-4	< 2	< 2		< 2		< 2		< 2	
Xylene, o-	95-47-6	4	5.2		4.2		2 J		5.2	
Xylenes, m & p		12	13		14		10		19	
PCBs and Dioxins										
PCB-001				1.6E-05 QJS		3.8E-05		5.3E-05 B		4.3E-05 B
PCB-002				9.3E-06 QJS		8E-06 QJ		8.2E-06 QBJ		9.8E-06 BJ
PCB-003				9E-06 QJS		2.2E-05		1.6E-05 Q		1.9E-05
PCB-004				8.3E-05 QJS		7.3E-05		6.2E-05 Q		8.7E-05 B
PCB-005				2E-05 QJS		< 0.0118		< 0.0156		1.9E-06 QBJ
PCB-006				4.1E-05 QJS		1.8E-05 Q		1.9E-05 Q		2.7E-05 QB
PCB-007				2.2E-05 QJS		1.4E-05 QJ		1.2E-05 QJ		1.1E-05 QBJ
PCB-008				0.00011 QBJ		7.9E-05		9.4E-05 B		0.00014 B
PCB-009				1.4E-05 QJS		8.5E-06 QJ		7.5E-06 QJ		7.8E-06 QJ
PCB-010				1.6E-05 QJS		3.6E-06 QJ		5.1E-06 QJ		3.1E-06 QJ
PCB-011				4.7E-05 QBJ		5.3E-05 B		4.5E-05 QB		9E-05 B
PCB-012				< 0.132		2.1E-06 QJ		3.3E-06 QBJ		4.9E-06 QJ
PCB-013				< 0.132		2.1E-06 QJ		3.3E-06 QBJ		4.9E-06 QJ
PCB-014				< 0.114		< 0.00966		< 0.0128		< 0.0119
PCB-015				2.3E-05 QJS		9.4E-06 QJ		1.2E-05 BJ		2.1E-05 QB
PCB-016				5.9E-05 QJS		2.6E-05		2.4E-05		3.3E-05 QB
PCB-017				1E-04 S		6.7E-05		7E-05		7.7E-05 B
PCB-018				0.00014 QBS		6.7E-05 C		7.3E-05 B C		0.00012 B C
PCB-019				< 0.151		1.2E-05 J		9.6E-06 QJ		1.5E-05

TABLE A-26
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Chemical	CAS	BLDG50SS2	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3
		11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010
		ARSS2-101119-01	ARSS3-100205-01	ARSS3P-100207-01	ARSS3-100326-01	ARSS3P-100327-01	ARSS3-100806-01	ARSS3P-100807-01	ARSS3-101119-01	ARSS3P-101120-01
PCB-020				9.3E-05 BJS		2.9E-05 C		3.6E-05 B C		6.3E-05 B C
PCB-021				6.1E-05 BJS		3.8E-05 C		4.4E-05 B C		5.4E-05 B C
PCB-022				2.4E-05 QJS		6.1E-06 QJ		7.8E-06 BJ		1.7E-05 B
PCB-023				< 0.0433		< 0.00516		< 0.0071		< 0.00967
PCB-024				< 0.103		< 0.0121		< 0.0103		< 0.0091
PCB-025				2E-05 JS		8.1E-06 QJ		9E-06 J		1.1E-05 BJ
PCB-026				< 0.041		5.5E-06 J C		6.2E-06 J C		1.2E-05 BJ
PCB-027				< 0.089		4.6E-06 J		4.5E-06 J		4.6E-06 QJ
PCB-028				9.3E-05 BJS		2.9E-05 C20		3.6E-05 B C		6.3E-05 B C
PCB-029				< 0.041		5.5E-06 J C		6.2E-06 J C		1.2E-05 BJ
PCB-030				0.00014 QBS		6.7E-05 C18		7.3E-05 B C		0.00012 B C
PCB-031				7.7E-05 BJS		2.4E-05 J		3.2E-05 B		5.8E-05 B
PCB-032				4.8E-05 QJS		1.6E-05		1.4E-05 QJ		2.8E-05 B
PCB-033				6.1E-05 BJS		3.8E-05 C21		4.4E-05 B C		5.4E-05 B C
PCB-034				< 0.0426		< 0.00508		< 0.00699		< 0.00952
PCB-035				< 0.0438		< 0.00522		< 0.00719		< 0.00978
PCB-036				< 0.0423		< 0.00505		< 0.00694		< 0.00945
PCB-037				< 0.0434		1.7E-06 J		< 0.00712		3.4E-06 BJ
PCB-038				< 0.0447		< 0.00532		< 0.00732		< 0.00997
PCB-039				< 0.0397		< 0.00473		< 0.00651		< 0.00887
PCB-040				1.9E-05 QJ		5.2E-06 J C		< 0.0115		8.9E-06 QBJ
PCB-041				1.9E-05 QJ		5.2E-06 J C		< 0.0115		8.9E-06 QBJ
PCB-042				< 0.0455		4.6E-06 QJ		< 0.0117		1E-05 QJ
PCB-043				< 0.0418		< 0.00842		< 0.0107		< 0.0103
PCB-044				0.00165 B C		0.00252 C		0.00342 B C		0.00329 B C
PCB-045				0.00036 S C		0.00077 C		0.00097 C		0.00096 B C
PCB-046				< 0.0548		4.1E-06 J		5.6E-06 QJ		< 0.0135
PCB-047				0.00165 B C		0.00252 C44		0.00342 B C		0.00329 B C
PCB-048				1E-05 QJS		< 0.00894		2.5E-06 QJ		3.9E-06 QBJ
PCB-049				5.8E-05 J C		3.8E-05 C		4.6E-05 B C		5E-05 B C
PCB-050				< 0.0431		4.8E-06 J C		4.5E-06 J C		6.3E-06 J C
PCB-051				0.00036 S C		0.00077 C45		0.00097 C45		0.00096 B C
PCB-052				0.00015 BS		2.7E-05		4E-05 B		5.1E-05 B
PCB-053				< 0.0431		4.8E-06 J C		4.5E-06 J C		6.3E-06 J C
PCB-054				< 0.0742		< 0.0117		< 0.0104		< 0.00825
PCB-055				< 0.0347		< 0.00698		< 0.0089		< 0.00851
PCB-056				< 0.0326		< 0.00657		< 0.00838		2.4E-06 BJ
PCB-057				< 0.033		< 0.00665		< 0.00848		< 0.0081
PCB-058				< 0.0328		< 0.00661		< 0.00844		< 0.00806
PCB-059				8.6E-06 J C		7E-06 QJ		< 0.00818		1.1E-05 QJ
PCB-060				< 0.0336		< 0.00677		< 0.00863		< 0.00825
PCB-061				5.1E-05 BJ		7.9E-06 QJ		1.3E-05 QBJ		1.6E-05 BJ
PCB-062				8.6E-06 J C		7E-06 QJ		< 0.00818		1.1E-05 QJ
PCB-063				< 0.0306		< 0.00616		< 0.00786		< 0.00751
PCB-064				1.9E-05 J		5.1E-06 J		< 0.00775		7.4E-06 BJ
PCB-065				0.00165 B C		0.00252 C44		0.00342 B C		0.00329 B C
PCB-066				1.6E-05 J		3E-06 QJ		6.3E-06 BJ		6.6E-06 BJ

TABLE A-26
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Chemical	CAS	BLDG50SS2	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3
		11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010
		ARSS2-101119-01	ARSS3-100205-01	ARSS3P-100207-01	ARSS3-100326-01	ARSS3P-100327-01	ARSS3-100806-01	ARSS3P-100807-01	ARSS3-101119-01	ARSS3P-101120-01
PCB-067				< 0.0297		< 0.00598		< 0.00762		< 0.00728
PCB-068				< 0.0299		0.00017		0.00021		0.0002 B
PCB-069				5.8E-05 J C		3.8E-05 C49		4.6E-05 B C		5E-05 B C
PCB-070				5.1E-05 BJ		7.9E-06 QJ		1.3E-05 QBJ		1.6E-05 BJ
PCB-071				1.9E-05 QJ		5.2E-06 J C		< 0.0115		8.9E-06 QBJ
PCB-072				< 0.0321		< 0.00647		< 0.00825		< 0.00788
PCB-073				< 0.0418		< 0.00842		< 0.0107		< 0.0103
PCB-074				5.1E-05 BJ		7.9E-06 QJ		1.3E-05 QBJ		1.6E-05 BJ
PCB-075				8.6E-06 J C		7E-06 QJ		< 0.00818		1.1E-05 QJ
PCB-076				5.1E-05 BJ		7.9E-06 QJ		1.3E-05 QBJ		1.6E-05 BJ
PCB-077	32598-13-3			< 0.0314		< 0.00619		< 0.00823		< 0.00778
PCB-078				< 0.0341		< 0.00687		< 0.00876		< 0.00837
PCB-079				< 0.0299		< 0.00603		< 0.00769		< 0.00735
PCB-080				< 0.0292		< 0.00589		< 0.00751		< 0.00717
PCB-081	70362-50-4			< 0.0305		< 0.00627		< 0.00767		< 0.0074
PCB-082				< 0.0361		< 0.00873		< 0.00885		< 0.00573
PCB-083				1.7E-05 QJ		3E-06 QJ		4.8E-06 J C		5.6E-06 QBJ
PCB-084				1.8E-05 QJ		< 0.00835		4.2E-06 QJ		5.2E-06 J
PCB-085				< 0.025		< 0.00605		< 0.00612		< 0.00397
PCB-086				2E-05 J C		2.3E-06 J C		7.2E-06 QJ		3.7E-06 QBJ
PCB-087				2E-05 J C		2.3E-06 J C		7.2E-06 QJ		3.7E-06 QBJ
PCB-088				< 0.0308		< 0.60744		< 0.00754		2.5E-06 QJ
PCB-089				< 0.0334		< 0.00808		< 0.00818		< 0.0053
PCB-090				7E-05 C		9.3E-06 QJ		1.8E-05 B C		1.1E-05 QBJ
PCB-091				< 0.0308		< 0.00744		< 0.00754		2.5E-06 QJ
PCB-092				< 0.0295		< 0.00714		< 0.00724		< 0.00469
PCB-093				< 0.0297		< 0.00717		< 0.00727		< 0.00471
PCB-094				< 0.0334		< 0.00807		< 0.00818		< 0.0053
PCB-095				9.8E-05		1.6E-05		2.1E-05		2.2E-05 B
PCB-096				< 0.025		< 0.00604		< 0.00612		< 0.00396
PCB-097				2E-05 J C		2.3E-06 J C		7.2E-06 QJ		3.7E-06 QBJ
PCB-098				< 0.0288		< 0.00695		< 0.00704		< 0.00456
PCB-099				1.7E-05 QJ		3E-06 QJ		4.8E-06 J C		5.6E-06 QBJ
PCB-100				< 0.0297		< 0.00717		< 0.00727		< 0.00471
PCB-101				7E-05 C90		9.3E-06 QJ		1.8E-05 B C		1.1E-05 QBJ
PCB-102				< 0.0288		< 0.00695		< 0.00704		< 0.00456
PCB-103				< 0.0293		< 0.00708		< 0.00717		< 0.00465
PCB-104				< 0.0223		< 0.00538		< 0.00545		< 0.00353
PCB-105	32598-14-4			< 0.024		< 0.00367		2.9E-06 J		< 0.00359
PCB-106				< 0.0254		< 0.0038		< 0.00486		< 0.00386
PCB-107				< 0.0259		< 0.00388		< 0.00496		< 0.00393
PCB-108				2E-05 J C		2.3E-06 J C		7.2E-06 QJ		3.7E-06 QBJ
PCB-109				< 0.0246		< 0.00369		< 0.00472		< 0.00374
PCB-110				3.2E-05 J C		5.7E-06 J C		1.2E-05 BJ		5.8E-06 QBJ
PCB-111				< 0.0209		< 0.00506		< 0.00512		< 0.00332
PCB-112				< 0.0227		< 0.00549		< 0.00557		< 0.00361
PCB-113				7E-05 C90		9.3E-06 QJ		1.8E-05 B C		1.1E-05 QBJ

TABLE A-26
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Chemical	CAS	BLDG50SS2	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3
		11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010
		ARSS2-101119-01	ARSS3-100205-01	ARSS3P-100207-01	ARSS3-100326-01	ARSS3P-100327-01	ARSS3-100806-01	ARSS3P-100807-01	ARSS3-101119-01	ARSS3P-101120-01
PCB-114	74472-37-0			< 0.0229		< 0.00344		< 0.00434		< 0.00347
PCB-115				3.2E-05 J C		5.7E-06 J C		1.2E-05 BJ		5.8E-06 QBJ
PCB-116				< 0.025		< 0.00605		< 0.00612		< 0.00397
PCB-117				< 0.025		< 0.00605		< 0.00612		< 0.00397
PCB-118	31508-00-6			9.5E-06 QJ		3.5E-06 J		8.9E-06 BJ		2.4E-06 BJ
PCB-119				2E-05 J C		2.3E-06 J C		7.2E-06 QJ		3.7E-06 QBJ
PCB-120				< 0.0215		< 0.0052		< 0.00527		< 0.00342
PCB-121				< 0.0217		< 0.00524		< 0.00531		< 0.00344
PCB-122				< 0.0276		< 0.00414		< 0.0053		< 0.0042
PCB-123	65510-44-3			< 0.0243		< 0.00376		< 0.00482		< 0.00372
PCB-124				< 0.0259		< 0.00388		< 0.00496		< 0.00393
PCB-125				2E-05 J C		2.3E-06 J C		7.2E-06 QJ		3.7E-06 QBJ
PCB-126	57465-28-8			< 0.0259		< 0.00369		< 0.00516		< 0.00423
PCB-127				< 0.0251		< 0.00376		< 0.00481		< 0.00381
PCB-128				< 0.0298		< 0.00602		1.2E-06 QJ		< 0.00376
PCB-129				1.6E-05 J C		2.3E-06 QJ		1.1E-05 J C		1.9E-06 QBJ
PCB-130				< 0.0398		< 0.00803		< 0.00829		< 0.00502
PCB-131				< 0.0408		< 0.00823		< 0.00849		< 0.00514
PCB-132				< 0.0388		< 0.00783		4E-06 QJ		< 0.0049
PCB-133				< 0.0374		< 0.00755		< 0.00779		< 0.00472
PCB-134				< 0.0399		< 0.00804		< 0.0083		< 0.00503
PCB-135				1.6E-05 J C		< 0.00866		4.6E-06 QJ		< 0.00391
PCB-136				1.6E-05 J		< 0.00636		2.7E-06 QJ		1.7E-06 J
PCB-137				< 0.0344		< 0.00693		< 0.00715		< 0.00433
PCB-138				1.6E-05 J C		2.3E-06 QJ		1.1E-05 J C		1.9E-06 QBJ
PCB-139				< 0.0342		< 0.00689		< 0.00711		< 0.00431
PCB-140				< 0.0342		< 0.00689		< 0.00711		< 0.00431
PCB-141				< 0.0356		< 0.00717		2.1E-06 QJ		< 0.00448
PCB-142				< 0.0392		< 0.00791		< 0.00817		< 0.00495
PCB-143				< 0.0399		< 0.00804		< 0.0083		< 0.00503
PCB-144				< 0.0235		< 0.00804		< 0.00643		< 0.00363
PCB-145				< 0.0178		< 0.00608		< 0.00486		< 0.00274
PCB-146				< 0.0324		< 0.00654		< 0.00675		< 0.00409
PCB-147				3E-05 QJ		6.2E-06 QJ		1.2E-05 QBJ		3.1E-06 QBJ
PCB-148				< 0.0249		< 0.0085		< 0.0068		< 0.00384
PCB-149				3E-05 QJ		6.2E-06 QJ		1.2E-05 QBJ		3.1E-06 QBJ
PCB-150				< 0.0173		< 0.00593		< 0.00474		< 0.00267
PCB-151				1.6E-05 J C		< 0.00866		4.6E-06 QJ		< 0.00391
PCB-152				< 0.0177		< 0.00604		< 0.00483		< 0.00273
PCB-153				2.1E-05 J C		3.2E-06 QJ		8.3E-06 QBJ		1.6E-06 QBJ
PCB-154				< 0.0206		< 0.00705		< 0.00564		< 0.00318
PCB-155				< 0.0168		< 0.00576		< 0.00461		< 0.0026
PCB-156				< 0.0304		< 0.00674		< 0.00646		< 0.00401
PCB-157	69782-90-7			< 0.0304		< 0.00674		< 0.00646		< 0.00401
PCB-158				< 0.0243		< 0.00491		< 0.00507		< 0.00307
PCB-159				< 0.0261		< 0.00526		< 0.00543		< 0.00329
PCB-160				1.6E-05 J C		2.3E-06 QJ		1.1E-05 J C		1.9E-06 QBJ

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS2	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3
		11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010
		ARSS2-101119-01	ARSS3-100205-01	ARSS3P-100207-01	ARSS3-100326-01	ARSS3P-100327-01	ARSS3-100806-01	ARSS3P-100807-01	ARSS3-101119-01	ARSS3P-101120-01
PCB-161				< 0.026		< 0.00524		< 0.00541		< 0.00327
PCB-162				< 0.0258		< 0.0052		< 0.00537		< 0.00325
PCB-163				1.6E-05 J C		2.3E-06 QJ		1.1E-05 J C		1.9E-06 QBJ
PCB-164				< 0.0272		< 0.00548		< 0.00566		< 0.00343
PCB-165				< 0.0286		< 0.00576		< 0.00594		< 0.0036
PCB-166				< 0.0298		< 0.00602		1.2E-06 QJ		< 0.00376
PCB-167	52663-72-6			< 0.0199		< 0.00395		< 0.00406		< 0.0023
PCB-168				2.1E-05 J C		3.2E-06 QJ		8.3E-06 QBJ		1.6E-06 QBJ
PCB-169	32774-16-6			< 0.0216		< 0.0039		< 0.00448		< 0.00283
PCB-170				< 0.0249		< 0.00758		< 0.00626		< 0.00395
PCB-171				< 0.0236		< 0.00714		< 0.00537		< 0.00358
PCB-172				< 0.0233		< 0.00707		< 0.00531		< 0.00354
PCB-173				< 0.0236		< 0.00714		< 0.00537		< 0.00358
PCB-174				< 0.0219		< 0.00662		< 0.00497		< 0.00332
PCB-175				< 0.021		< 0.00636		< 0.00478		< 0.00319
PCB-176				< 0.016		< 0.00484		< 0.00364		< 0.00243
PCB-177				< 0.0224		< 0.00678		< 0.00509		< 0.0034
PCB-178				< 0.0227		< 0.00687		< 0.00516		< 0.00344
PCB-179				< 0.0169		< 0.00511		1.4E-06 QJ		< 0.00256
PCB-180				< 0.0178		< 0.0054		1.8E-06 QJ		< 0.00271
PCB-181				< 0.021		< 0.00635		< 0.00477		< 0.00318
PCB-182				< 0.0204		< 0.00618		< 0.00464		< 0.00309
PCB-183				< 0.0208		< 0.00631		< 0.00474		< 0.00316
PCB-184				< 0.0173		< 0.00524		< 0.00394		< 0.00263
PCB-185				< 0.0208		< 0.00631		< 0.00474		< 0.00316
PCB-186				< 0.0168		< 0.00509		< 0.00382		< 0.00255
PCB-187				6.1E-06 J		< 0.00591		2.5E-06 J		< 0.00296
PCB-188				< 0.0148		< 0.00447		< 0.00319		< 0.00219
PCB-189	39635-31-9			< 0.0176		< 0.00336		< 0.00305		< 0.00239
PCB-190				< 0.0162		< 0.00492		< 0.0037		< 0.00247
PCB-191				< 0.016		< 0.00484		< 0.00363		< 0.00242
PCB-192				< 0.0178		< 0.0054		< 0.00406		< 0.00271
PCB-193				< 0.0178		< 0.0054		1.8E-06 QJ		< 0.00271
PCB-194				< 0.0182		< 0.00368		< 0.00227		< 0.0021
PCB-195				< 0.0197		< 0.004		< 0.00246		< 0.00228
PCB-196				< 0.0198		< 0.00615		< 0.00295		< 0.00267
PCB-197				< 0.0147		< 0.00458		< 0.0022		< 0.00199
PCB-198				< 0.0205		< 0.00635		< 0.00305		< 0.00276
PCB-199				< 0.0205		< 0.00635		< 0.00305		< 0.00276
PCB-200				< 0.0145		< 0.00449		< 0.00216		< 0.00195
PCB-201				< 0.014		< 0.00434		< 0.00208		< 0.00188
PCB-202				< 0.0157		< 0.00489		< 0.00234		< 0.00212
PCB-203				< 0.0183		< 0.00567		< 0.00272		< 0.00246
PCB-204				< 0.0153		< 0.00476		< 0.00228		< 0.00207
PCB-205				< 0.0153		< 0.0031		< 0.00191		< 0.00177
PCB-206				< 0.0268		< 0.0102		< 0.00453		< 0.00323
PCB-207				< 0.0195		< 0.00762		< 0.00326		< 0.00235

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS2	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3	BLDG50SS3
		11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010
		ARSS2-101119-01	ARSS3-100205-01	ARSS3P-100207-01	ARSS3-100326-01	ARSS3P-100327-01	ARSS3-100806-01	ARSS3P-100807-01	ARSS3-101119-01	ARSS3P-101120-01
PCB-208				< 0.0206		< 0.00818		< 0.00341		< 0.00249
PCB-209				< 0.0253		< 0.00481		< 0.00371		< 0.00274

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5
		2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS4-100205-01	ARSS4-100326-01	ARSS4-100806-01	ARSS4-101119-01	ARSS5-100205-01	ARSS5P-100207-01	ARSS5-100326-01	ARSS5P-100327-01	ARSS5-100806-01
VOCs										
Acetone	67-64-1			< 48	< 8.2					17 J
Acetonitrile	75-05-8			< 6.7	< 48					< 6.7
Acrolein	107-02-8			< 7.3	< 6.7					< 7.3
Acrylonitrile	107-13-1			< 17	< 7.3					< 17
Allyl Chloride	107-05-1			< 2.5	< 17					< 2.5
Benzene	71-43-2	1.7 J	< 2.6	< 2.6	0.78 J	3.5		< 2.6		0.83 J
Benzyl Chloride	100-44-7			< 8.3	< 8.3					< 8.3
Bromodichloromethane	75-27-4			< 5.4	< 5.4					< 5.4
Bromoform	75-25-2			< 8.3	< 8.3					< 8.3
Bromomethane	74-83-9			< 3.1	< 3.1					< 3.1
Butadiene, 1,3-	106-99-0			< 3.5	< 3.5					< 3.5
Butane, n-	106-97-8			6	4.7					5
Carbon Disulfide	75-15-0			0.71 J B	< 5					0.59 J B
Carbon Tetrachloride	56-23-5			< 5	< 3.7					< 5
Chlorobenzene	108-90-7			< 3.7	< 2.8					< 3.7
Chlorodifluoromethane	75-45-6			4	2.6 J					220
Chloroethane	75-00-3			< 2.1	< 3.9					< 2.1
Chloroform	67-66-3	12	1.9 J	7.1	1.1 J	9.8		5.3		22
Chloromethane	74-87-3			< 4.1	< 3.2					11
cis-1,3-Dichloropropene	10061-01-5			< 3.6	< 7.9					< 3.6
Cyclohexane	110-82-7			< 6.9	< 6.9					< 6.9
Decane, n-	124-18-5			< 23	2.1 J					< 23
Dibromochloromethane	124-48-1			< 6.8	< 11					< 6.8
Dibromoethane, 1,2-	106-93-4			< 6.1	< 6.1					< 6.1
Dibromomethane (Methylene Bromide)	74-95-3			< 11	< 4					< 11
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2			< 5.6	< 5.6					< 5.6
Dichlorobenzene, 1,2-	95-50-1	< 4.8	< 4.8	< 4.8	< 4.8	< 4.8		< 4.8		< 4.8
Dichlorobenzene, 1,3-	541-73-1			< 4.8	< 4.8					< 4.8
Dichlorobenzene, 1,4-	106-46-7	< 4.8	< 4.8	12	< 4.8	< 4.8		< 4.8		11
Dichlorodifluoromethane	75-71-8			2.6 J	2.9 J					2.5 J
Dichloroethane, 1,1-	75-34-3			< 3.2	< 3.2					< 3.2
Dichloroethane, 1,2-	107-06-2			< 3.2	< 3.2					< 3.2
Dichloroethene, 1,1-	75-35-4	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2		< 3.2		< 3.2
Dichloroethylene, 1,2-cis-	156-59-2	< 3.2	< 3.2	< 3.2	< 3.6	< 3.2		< 3.2		< 3.2
Dichloroethylene, 1,2-trans-	156-60-5	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2		< 3.2		< 3.2
Dichloropropane, 1,2-	78-87-5			< 3.7	< 3.7					< 3.7
Dichloropropene, trans-1,3-	10061-02-6			< 3.6	< 3.6					< 3.6
Dodecane, n-	112-40-3			2.4 J	< 7					< 28
Ethyl Ether	60-29-7			< 24	< 3.5					< 24
Ethylbenzene	100-41-4	2.4 J	2.2 J	3.6	3.1 J	3.1 J		< 3.5		3.7
Heptane, n-				< 8.2	< 3.5					1 J
Hexachlorobutadiene	87-68-3			< 43	< 14					< 43
Hexane, N-	110-54-3			33	3.2 BJ					32
Hexanone, 2-	591-78-6			< 8.2	< 8.2					< 8.2
Isopropylbenzene (Cumene)	98-82-8			< 7.9	< 10					< 7.9
Methyl Ethyl Ketone (2-Butanone)	78-93-3			< 12	< 12					< 12

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5
		2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS4-100205-01	ARSS4-100326-01	ARSS4-100806-01	ARSS4-101119-01	ARSS5-100205-01	ARSS5P-100207-01	ARSS5-100326-01	ARSS5P-100327-01	ARSS5-100806-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1			0.96 J	< 2.5					< 8.2
Methyl tert-Butyl Ether (MTBE)	1634-04-4			< 14	< 28					< 14
Methylene Chloride	75-09-2			1.4 J B	18 B					1.6 J B
Methylstyrene, Alpha-	98-83-9			< 7.7	< 7.7					< 7.7
Naphthalene	91-20-3			< 10	< 8.2					< 10
Nonane, n-	111-84-2			1.2 J	< 7.5					1.1 J
Octane, n-	111-65-9			< 7.5	< 26					< 7.5
Pentane, n-	109-66-0			< 12	1.2 J					1.5 J
Propylbenzene, n-	103-65-1			< 7.9	< 10					< 7.9
Styrene	100-42-5			< 3.4	< 3.4					< 3.4
Tetrachloroethane, 1,1,2,2-	79-34-5			< 5.5	< 5.5					< 5.5
Tetrachloroethene	127-18-4	5 J	8.8	9.1	16	< 5.4		< 5.4		4.6 J
Toluene	108-88-3	6	5	4.8	7.2 B	6.2		< 3		4.8
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1			< 6.1						< 6.1
Trichlorobenzene, 1,2,4-	120-82-1			< 30	< 30					< 30
Trichloroethane, 1,1,1-	71-55-6			< 4.4	< 4.4					< 4.4
Trichloroethane, 1,1,2-	79-00-5			< 4.4	< 6.1					< 4.4
Trichloroethene	79-01-6	50	21	20	39	2.3		0.79 J		2.4
Trichlorofluoromethane	75-69-4			44	5.1					15
Trichlorotrifluoroethane, 1,1,2-					< 4.4					
Trimethylbenzene, 1,2,4-	95-63-6			3.9 J	7.6					3.8 J
Trimethylbenzene, 1,3,5-	108-67-8			< 3.9	1.8 J					< 3.9
Undecane, n-	1120-21-4			1.8 J	2.1 J					< 26
Vinyl Acetate	108-05-4			< 14	< 14					< 14
Vinyl Chloride	75-01-4	< 2	< 2	< 2	< 2	< 2		< 2		< 2
Xylene, o-	95-47-6	4	3 J	4.3	4.2	3.6		< 3.5		4.3
Xylenes, m & p		9.6	9	14	12	9.7		< 3.5		14
PCBs and Dioxins										
PCB-001							4.1E-06 QJ		2.5E-05	
PCB-002							< 0.00405		5.5E-06 J	
PCB-003							2.8E-06 QJ		1.2E-05 J	
PCB-004							4.8E-06 QJ		3.5E-05	
PCB-005							< 0.00969		1.3E-06 QJ	
PCB-006							3.2E-06 QJ		1.2E-05 J	
PCB-007							4.2E-06 QJ		9.2E-06 QJ	
PCB-008							1.4E-05 BJ		4.5E-05	
PCB-009							1.5E-06 QJ		4.6E-06 QJ	
PCB-010							< 0.0101		2.1E-06 QJ	
PCB-011							1.6E-05 QBJ		2.9E-05 B	
PCB-012							< 0.00918		< 0.00906	
PCB-013							< 0.00918		< 0.00906	
PCB-014							< 0.00792		< 0.00781	
PCB-015							2.9E-06 QJ		6.4E-06 QJ	
PCB-016							3.9E-06 J		1.1E-05 J	
PCB-017							1.4E-05		4.3E-05	
PCB-018							9.9E-06 BJ		3.2E-05 C	
PCB-019							< 0.00903		5.3E-06 J	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5
		2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS4-100205-01	ARSS4-100326-01	ARSS4-100806-01	ARSS4-101119-01	ARSS5-100205-01	ARSS5P-100207-01	ARSS5-100326-01	ARSS5P-100327-01	ARSS5-100806-01
PCB-020							8.6E-06 BJ		1.4E-05 J C	
PCB-021							1E-05 QBJ		2.4E-05 C	
PCB-022							1.7E-06 QJ		3.6E-06 QJ	
PCB-023							< 0.0063		< 0.0041	
PCB-024							< 0.00617		< 0.00843	
PCB-025							2.7E-06 J		5.1E-06 J	
PCB-026							< 0.00596		2E-06 QJ	
PCB-027							< 0.00532		< 0.00727	
PCB-028							8.6E-06 BJ		1.4E-05 J C	
PCB-029							< 0.00596		2E-06 QJ	
PCB-030							9.9E-06 BJ		3.2E-05 C18	
PCB-031							6E-06 QBJ		1.3E-05 J	
PCB-032							2.4E-06 J		6.4E-06 J	
PCB-033							1E-05 QBJ		2.4E-05 C21	
PCB-034							< 0.0062		< 0.00403	
PCB-035							< 0.00637		< 0.00414	
PCB-036							< 0.00615		< 0.004	
PCB-037							< 0.00632		< 0.00411	
PCB-038							< 0.00649		< 0.00422	
PCB-039							< 0.00577		< 0.00376	
PCB-040							< 0.00951		3.1E-06 J C	
PCB-041							< 0.00951		3.1E-06 J C	
PCB-042							< 0.00968		2.8E-06 QJ	
PCB-043							< 0.00889		< 0.00756	
PCB-044							0.00129 B C		0.00202 C	
PCB-045							0.0003 C		0.00059 C	
PCB-046							3.3E-06 QJ		3.6E-06 QJ	
PCB-047							0.00129 B C		0.00202 C44	
PCB-048							< 0.00944		< 0.00802	
PCB-049							1.6E-05 C		3.5E-05 C	
PCB-050							1.5E-06 J C		4.4E-06 J C	
PCB-051							0.0003 C45		0.00059 C45	
PCB-052							5.9E-06 QBJ		4.9E-05	
PCB-053							1.5E-06 J C		4.4E-06 J C	
PCB-054							< 0.00752		< 0.00943	
PCB-055							< 0.00737		< 0.00627	
PCB-056							< 0.00693		< 0.0059	
PCB-057							< 0.00702		< 0.00597	
PCB-058							< 0.00698		< 0.00594	
PCB-059							< 0.00677		1.4E-06 QJ	
PCB-060							< 0.00714		< 0.00607	
PCB-061							1.8E-06 QBJ		7.8E-06 J C	
PCB-062							< 0.00677		1.4E-06 QJ	
PCB-063							< 0.0065		< 0.00553	
PCB-064							< 0.00641		3.2E-06 QJ	
PCB-065							0.00129 B C		0.00202 C44	
PCB-066							1.5E-06 QJ		2.5E-06 QJ	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5
		2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS4-100205-01	ARSS4-100326-01	ARSS4-100806-01	ARSS4-101119-01	ARSS5-100205-01	ARSS5P-100207-01	ARSS5-100326-01	ARSS5P-100327-01	ARSS5-100806-01
PCB-067							< 0.00631		< 0.00536	
PCB-068							7.2E-05		0.00013	
PCB-069							1.6E-05 C49		3.5E-05 C49	
PCB-070							1.8E-06 QBJ		7.8E-06 J C	
PCB-071							< 0.00951		3.1E-06 J C	
PCB-072							< 0.00682		< 0.0058	
PCB-073							< 0.00889		< 0.00756	
PCB-074							1.8E-06 QBJ		7.8E-06 J C	
PCB-075							< 0.00677		1.4E-06 QJ	
PCB-076							1.8E-06 QBJ		7.8E-06 J C	
PCB-077	32598-13-3						< 0.00663		< 0.00547	
PCB-078							< 0.00725		< 0.00617	
PCB-079							< 0.00636		< 0.00541	
PCB-080							< 0.00621		< 0.00528	
PCB-081	70362-50-4						< 0.00651		< 0.00572	
PCB-082							< 0.00904		< 0.00827	
PCB-083							< 0.0076		2.8E-06 QJ	
PCB-084							< 0.00864		< 0.00791	
PCB-085							< 0.00626		< 0.00573	
PCB-086							< 0.0064		3.6E-06 QJ	
PCB-087							< 0.0064		3.6E-06 QJ	
PCB-088							< 0.0077		2.7E-06 QJ	
PCB-089							< 0.00836		< 0.00765	
PCB-090							2.5E-06 QJ		8.4E-06 J C	
PCB-091							< 0.0077		2.7E-06 QJ	
PCB-092							< 0.0074		< 0.00677	
PCB-093							< 0.00743		< 0.0068	
PCB-094							< 0.00836		< 0.00765	
PCB-095							< 0.00787		2E-05	
PCB-096							< 0.00625		< 0.00572	
PCB-097							< 0.0064		3.6E-06 QJ	
PCB-098							< 0.0072		< 0.00659	
PCB-099							< 0.0076		2.8E-06 QJ	
PCB-100							< 0.00743		< 0.0068	
PCB-101							2.5E-06 QJ		8.4E-06 J C	
PCB-102							< 0.0072		< 0.00659	
PCB-103							< 0.00733		< 0.00671	
PCB-104							< 0.00557		< 0.0051	
PCB-105	32598-14-4						< 0.00512		< 0.00332	
PCB-106							< 0.0055		< 0.00339	
PCB-107							< 0.00561		< 0.00346	
PCB-108							< 0.0064		3.6E-06 QJ	
PCB-109							< 0.00534		< 0.00329	
PCB-110							2.4E-06 QJ		5.6E-06 J C	
PCB-111							< 0.00524		< 0.00479	
PCB-112							< 0.00569		< 0.0052	
PCB-113							2.5E-06 QJ		8.4E-06 J C	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5
		2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS4-100205-01	ARSS4-100326-01	ARSS4-100806-01	ARSS4-101119-01	ARSS5-100205-01	ARSS5P-100207-01	ARSS5-100326-01	ARSS5P-100327-01	ARSS5-100806-01
PCB-114	74472-37-0						< 0.00509		< 0.00309	
PCB-115							2.4E-06 QJ		5.6E-06 J C	
PCB-116							< 0.00626		< 0.00573	
PCB-117							< 0.00626		< 0.00573	
PCB-118	31508-00-6						1.8E-06 QJ		1.9E-06 J	
PCB-119							< 0.0064		3.6E-06 QJ	
PCB-120							< 0.00539		< 0.00493	
PCB-121							< 0.00543		< 0.00497	
PCB-122							< 0.00599		< 0.00369	
PCB-123	65510-44-3						< 0.00535		< 0.00347	
PCB-124							< 0.00561		< 0.00346	
PCB-125							< 0.0064		3.6E-06 QJ	
PCB-126	57465-28-8						< 0.00563		< 0.00322	
PCB-127							< 0.00544		< 0.00335	
PCB-128							< 0.00722		< 0.00513	
PCB-129							3.5E-06 J C		< 0.0053	
PCB-130							< 0.00964		< 0.00685	
PCB-131							< 0.00987		< 0.00701	
PCB-132							< 0.0094		< 0.00668	
PCB-133							< 0.00906		< 0.00644	
PCB-134							< 0.00965		< 0.00686	
PCB-135							< 0.00785		< 0.00796	
PCB-136							< 0.00577		< 0.00584	
PCB-137							< 0.00832		< 0.00591	
PCB-138							3.5E-06 J C		< 0.0053	
PCB-139							< 0.00827		< 0.00587	
PCB-140							< 0.00827		< 0.00587	
PCB-141							< 0.00861		< 0.00612	
PCB-142							< 0.0095		< 0.00675	
PCB-143							< 0.00965		< 0.00686	
PCB-144							< 0.00729		< 0.00739	
PCB-145							< 0.00551		< 0.00559	
PCB-146							< 0.00785		< 0.00558	
PCB-147							2.1E-06 QJ		1.5E-06 QJ	
PCB-148							< 0.00771		< 0.00781	
PCB-149							2.1E-06 QJ		1.5E-06 QJ	
PCB-150							< 0.00537		< 0.00545	
PCB-151							< 0.00785		< 0.00796	
PCB-152							< 0.00548		< 0.00555	
PCB-153							2.1E-06 J C		< 0.00459	
PCB-154							< 0.00639		< 0.00647	
PCB-155							< 0.00522		< 0.00529	
PCB-156							< 0.00743		< 0.00591	
PCB-157	69782-90-7						< 0.00743		< 0.00591	
PCB-158							< 0.00589		< 0.00419	
PCB-159							< 0.00632		< 0.00449	
PCB-160							3.5E-06 J C		< 0.0053	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5
		2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS4-100205-01	ARSS4-100326-01	ARSS4-100806-01	ARSS4-101119-01	ARSS5-100205-01	ARSS5P-100207-01	ARSS5-100326-01	ARSS5P-100327-01	ARSS5-100806-01
PCB-161							< 0.00629		< 0.00447	
PCB-162							< 0.00624		< 0.00443	
PCB-163							3.5E-06 J C		< 0.0053	
PCB-164							< 0.00658		< 0.00467	
PCB-165							< 0.00691		< 0.00491	
PCB-166							< 0.00722		< 0.00513	
PCB-167	52663-72-6						< 0.00465		< 0.00339	
PCB-168							2.1E-06 J C		< 0.00459	
PCB-169	32774-16-6						< 0.00539		< 0.00318	
PCB-170							< 0.00645		< 0.00618	
PCB-171							< 0.00637		< 0.00594	
PCB-172							< 0.00631		< 0.00588	
PCB-173							< 0.00637		< 0.00594	
PCB-174							< 0.0059		< 0.00551	
PCB-175							< 0.00567		< 0.00529	
PCB-176							< 0.00432		< 0.00403	
PCB-177							< 0.00605		< 0.00564	
PCB-178							< 0.00613		< 0.00572	
PCB-179							< 0.00455		< 0.00425	
PCB-180							< 0.00481		< 0.00449	
PCB-181							< 0.00566		< 0.00529	
PCB-182							< 0.00551		< 0.00514	
PCB-183							< 0.00563		< 0.00525	
PCB-184							< 0.00467		< 0.00436	
PCB-185							< 0.00563		< 0.00525	
PCB-186							< 0.00454		< 0.00424	
PCB-187							< 0.00527		< 0.00491	
PCB-188							< 0.0041		< 0.00376	
PCB-189	39635-31-9						< 0.00374		< 0.00281	
PCB-190							< 0.00439		< 0.0041	
PCB-191							< 0.00431		< 0.00403	
PCB-192							< 0.00482		< 0.0045	
PCB-193							< 0.00481		< 0.00449	
PCB-194							< 0.00686		< 0.00374	
PCB-195							< 0.00744		< 0.00406	
PCB-196							< 0.00802		< 0.00634	
PCB-197							< 0.00597		< 0.00472	
PCB-198							< 0.00828		< 0.00655	
PCB-199							< 0.00828		< 0.00655	
PCB-200							< 0.00586		< 0.00463	
PCB-201							< 0.00566		< 0.00447	
PCB-202							< 0.00637		< 0.00504	
PCB-203							< 0.00739		< 0.00585	
PCB-204							< 0.0062		< 0.00491	
PCB-205							< 0.00578		< 0.00315	
PCB-206							< 0.00675		< 0.0101	
PCB-207							< 0.00493		< 0.00721	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS4	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50SS5
		2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	2/7/2010	3/26/2010	3/27/2010	8/6/2010
		ARSS4-100205-01	ARSS4-100326-01	ARSS4-100806-01	ARSS4-101119-01	ARSS5-100205-01	ARSS5P-100207-01	ARSS5-100326-01	ARSS5P-100327-01	ARSS5-100806-01
PCB-208							< 0.00522		< 0.00754	
PCB-209							< 0.00739		< 0.00431	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1
		8/7/2010	11/19/2010	11/20/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010
		ARSS5P-100807-01	ARSS5-101119-01	ARSS5P-101120-01	ARUT1-100206-01	ARUT1MP-100206-01	ARUT1P-100206-02	ARUT1-100327-01	ARUT1MP-100327-01	ARUT1P-100328-01
VOCs										
Acetone	67-64-1		< 74							
Acetonitrile	75-05-8		< 430							
Acrolein	107-02-8		< 61							
Acrylonitrile	107-13-1		< 66							
Allyl Chloride	107-05-1		< 160							
Benzene	71-43-2		< 23		0.82			0.43		
Benzyl Chloride	100-44-7		< 75							
Bromodichloromethane	75-27-4		< 49							
Bromoform	75-25-2		< 75							
Bromomethane	74-83-9		< 28							
Butadiene, 1,3-	106-99-0		< 32							
Butane, n-	106-97-8		< 56							
Carbon Disulfide	75-15-0		< 46							
Carbon Tetrachloride	56-23-5		< 33							
Chlorobenzene	108-90-7		< 26							
Chlorodifluoromethane	75-45-6		< 19							
Chloroethane	75-00-3		< 35							
Chloroform	67-66-3		23 J		0.18 J			0.093 J		
Chloromethane	74-87-3		< 29							
cis-1,3-Dichloropropene	10061-01-5		< 71							
Cyclohexane	110-82-7		< 62							
Decane, n-	124-18-5		< 62							
Dibromochloromethane	124-48-1		< 100							
Dibromoethane, 1,2-	106-93-4		< 56							
Dibromomethane (Methylene Bromide)	74-95-3		< 36							
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2		< 51							
Dichlorobenzene, 1,2-	95-50-1		< 44		< 0.48			< 0.48		
Dichlorobenzene, 1,3-	541-73-1		< 44							
Dichlorobenzene, 1,4-	106-46-7		< 44		< 0.48			< 0.48		
Dichlorodifluoromethane	75-71-8		< 220							
Dichloroethane, 1,1-	75-34-3		< 29							
Dichloroethane, 1,2-	107-06-2		< 29							
Dichloroethene, 1,1-	75-35-4		< 29		< 0.32			< 0.32		
Dichloroethylene, 1,2-cis-	156-59-2		< 33		0.22 J			0.16 J		
Dichloroethylene, 1,2-trans-	156-60-5		< 29		< 0.32			< 0.32		
Dichloropropane, 1,2-	78-87-5		< 33							
Dichloropropene, trans-1,3-	10061-02-6		< 33							
Dodecane, n-	112-40-3		< 64							
Ethyl Ether	60-29-7		< 31							
Ethylbenzene	100-41-4		< 390		0.36			0.32 J		
Heptane, n-			< 31							
Hexachlorobutadiene	87-68-3		< 130							
Hexane, N-	110-54-3		< 63							
Hexanone, 2-	591-78-6		< 74							
Isopropylbenzene (Cumene)	98-82-8		< 95							
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 110							

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1
		8/7/2010	11/19/2010	11/20/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010
		ARSS5P-100807-01	ARSS5-101119-01	ARSS5P-101120-01	ARUT1-100206-01	ARUT1MP-100206-01	ARUT1P-100206-02	ARUT1-100327-01	ARUT1MP-100327-01	ARUT1P-100328-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 23							
Methyl tert-Butyl Ether (MTBE)	1634-04-4		< 250							
Methylene Chloride	75-09-2		12 BJ							
Methylstyrene, Alpha-	98-83-9		< 70							
Naphthalene	91-20-3		< 74							
Nonane, n-	111-84-2		< 68							
Octane, n-	111-65-9		< 230							
Pentane, n-	109-66-0		< 110							
Propylbenzene, n-	103-65-1		< 95							
Styrene	100-42-5		< 31							
Tetrachloroethane, 1,1,2,2-	79-34-5		< 50							
Tetrachloroethene	127-18-4		< 49		0.14 J			< 0.54		
Toluene	108-88-3		10 BJ		1.8			1.3		
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,4-	120-82-1		< 270							
Trichloroethane, 1,1,1-	71-55-6		< 40							
Trichloroethane, 1,1,2-	79-00-5		< 55							
Trichloroethene	79-01-6		< 19		12			8.7		
Trichlorofluoromethane	75-69-4		< 41							
Trichlorotrifluoroethane, 1,1,2-			< 40							
Trimethylbenzene, 1,2,4-	95-63-6		< 36							
Trimethylbenzene, 1,3,5-	108-67-8		< 36							
Undecane, n-	1120-21-4		< 71							
Vinyl Acetate	108-05-4		< 130							
Vinyl Chloride	75-01-4		< 19		< 0.2			< 0.2		
Xylene, o-	95-47-6		< 31		0.38			0.29 J		
Xylenes, m & p			< 34		0.99			0.94		
PCBs and Dioxins										
PCB-001		3.9E-05 B		2.5E-05 QB		2.8E-05	9.5E-05		3E-05	0.00015 S
PCB-002		4.8E-06 QBJ		< 0.0045		2.7E-06 QJ	7.8E-06		2.2E-06 QJ	1.5E-05
PCB-003		1.7E-05 Q		9.3E-06 QJ		1.2E-05 J	3.7E-05		1.4E-05 QJ	6.1E-05
PCB-004		5.4E-05 Q		4.2E-05 QB		4.5E-05	0.00012		5.5E-05	0.00026 S
PCB-005		1.8E-06 QJ		< 0.0122		< 0.00986	5.5E-06		1.3E-06 QJ	1.3E-05
PCB-006		1.8E-05 Q		1.6E-05 QB		1.8E-05 Q	5.9E-05		1.8E-05 Q	0.00011
PCB-007		9E-06 QJ		5.8E-06 QBJ		5.8E-06 QJ	1.5E-05		4.3E-06 QJ	3.2E-05
PCB-008		9.3E-05 B		7.7E-05 B		8.3E-05 B	0.00026 B		0.0001	0.0005 BS
PCB-009		5.5E-06 QJ		3.7E-06 QJ		5.4E-06 QJ	2E-05		5.4E-06 QJ	3.7E-05
PCB-010		2.9E-06 QJ		1.3E-06 QJ		1.8E-06 QJ	8.1E-06		2.2E-06 QJ	1.2E-05 Q
PCB-011		5.6E-05 B		5.2E-05 QB		4.8E-05 B	9.3E-05 B		4.2E-05 B	0.00023 B
PCB-012		2.4E-06 QBJ		3.4E-06 QJ		5.5E-06 QJ	9E-06 C		2.4E-06 QJ	2.4E-05 C
PCB-013		2.4E-06 QBJ		3.4E-06 QJ		5.5E-06 QJ	9E-06 C12		2.4E-06 QJ	2.4E-05 C12
PCB-014		< 0.0136		< 0.00998		< 0.00807	< 0.0869		< 0.00612	< 0.102
PCB-015		9.9E-06 QBJ		9.6E-06 QBJ		2.2E-05 Q	4.4E-05 B		3.5E-05	0.00011
PCB-016		1.9E-05 Q		1.6E-05 QB		3.5E-05	6.7E-05		4.4E-05	0.00013
PCB-017		5.4E-05		3.9E-05 QB		4.5E-05	7.7E-05		4.4E-05	0.00014
PCB-018		5.7E-05 B C		5.4E-05 B C		8.4E-05 B C	0.00017 B C		0.00011 C	0.00033 C
PCB-019		8.9E-06 J		4.9E-06 QJ		1.3E-05 J	2.2E-05 S		1.7E-05	3.7E-05

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1
		8/7/2010	11/19/2010	11/20/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010
		ARSS5P-100807-01	ARSS5-101119-01	ARSS5P-101120-01	ARUT1-100206-01	ARUT1MP-100206-01	ARUT1P-100206-02	ARUT1-100327-01	ARUT1MP-100327-01	ARUT1P-100328-01
PCB-020		3.6E-05 B C		3.6E-05 B C		0.0001 B C	0.00017 B C		0.00012 C	0.00039 B C
PCB-021		3.9E-05 B C		2.6E-05 QB		6.3E-05 B C	0.0001 B C		6.3E-05 C	0.00023 C
PCB-022		9.7E-06 BJ		7E-06 QBJ		3.7E-05	5.2E-05 B		3.8E-05	0.00012
PCB-023		< 0.00757		< 0.0072		< 0.00592	3.7E-07 QJ		< 0.0032	3.9E-07 QJ
PCB-024		< 0.00942		< 0.00605		5.5E-07 QJ	3.1E-06		< 0.00643	3.8E-06 J
PCB-025		7.6E-06 J		6.3E-06 BJ		1.1E-05 J	1.3E-05		5.9E-06 J	2.9E-05
PCB-026		4.8E-06 QJ		4.7E-06 QBJ		1.7E-05 C	3E-05 B C		1.5E-05 C	6.7E-05 C
PCB-027		< 0.00813		2.2E-06 QJ		5.7E-06 QJ	1E-05		5.5E-06 J	1.8E-05
PCB-028		3.6E-05 B C		3.6E-05 B C		0.0001 B C	0.00017 B C		0.00012 C20	0.00039 B C
PCB-029		4.8E-06 QJ		4.7E-06 QBJ		1.7E-05 C26	3E-05 B C		1.5E-05 C26	6.7E-05 C26
PCB-030		5.7E-05 B C		5.4E-05 B C		8.4E-05 B C	0.00017 B C		0.00011 C18	0.00033 C18
PCB-031		3.1E-05 B		3.2E-05 B		0.00011 B	0.00017 B		0.00012	0.00038 B
PCB-032		1.4E-05 J		1.3E-05 BJ		2.8E-05	4.2E-05 B		3.2E-05	7.4E-05
PCB-033		3.9E-05 B C		2.6E-05 QB		6.3E-05 B C	0.0001 B C		6.3E-05 C21	0.00023 C21
PCB-034		< 0.00745		< 0.00709		< 0.00583	6.4E-07 QJ		< 0.00315	9.8E-07 QJ
PCB-035		< 0.00766		< 0.00729		< 0.00599	1.9E-06		< 0.00324	8.7E-06
PCB-036		< 0.0074		< 0.00704		< 0.00579	5.4E-06		< 0.00313	< 0.0946
PCB-037		1.8E-06 QBJ		1.9E-06 BJ		2E-05	1.9E-05		2.8E-05	7.4E-05
PCB-038		< 0.00781		< 0.00743		< 0.00611	< 0.0597		< 0.0033	1E-06 J
PCB-039		< 0.00694		< 0.00661		7.5E-07 J	< 0.0531		< 0.00293	1.6E-06 QJ
PCB-040		6.2E-06 QJ		4.8E-06 QBJ		8.7E-05 C	6.1E-05 C		8.4E-05 C	0.00015 C
PCB-041		6.2E-06 QJ		4.8E-06 QBJ		8.7E-05 C40	6.1E-05 C40		8.4E-05 C40	0.00015 C40
PCB-042		< 0.0121		4.6E-06 QJ		4.6E-05	2.7E-05		4E-05	6.5E-05
PCB-043		< 0.0111		< 0.00833		1.2E-05 QJ	< 0.0832		3.2E-06 QJ	1.4E-05 C
PCB-044		0.00281 B C		0.002 B C		0.00195 B C	0.00032 B C		0.00038 C	0.00069 B C
PCB-045		0.00082 C		0.00057 B C		0.00033 C	2.3E-05 C		5.3E-05 C	6.1E-05 C
PCB-046		< 0.0145		< 0.0109		1.4E-05	7.8E-06		9.7E-06 J	1.3E-05
PCB-047		0.00281 B C		0.002 B C		0.00195 B C	0.00032 B C		0.00038 C44	0.00069 B C
PCB-048		1.7E-06 QJ		1.8E-06 QBJ		3.7E-05	2.7E-05		3.1E-05	5.8E-05
PCB-049		4.2E-05 B C		3.1E-05 B C		0.00023 C	0.00018 B C		0.00021 C	0.00035 C
PCB-050		3.2E-06 QJ		2.8E-06 QJ		3.5E-05 C	2.9E-05 C		4E-05 C	5.3E-05 C
PCB-051		0.00082 C45		0.00057 B C		0.00033 C45	2.3E-05 C45		5.3E-05 C45	6.1E-05 C45
PCB-052		3.1E-05 QB		3.2E-05 B		0.00094 B	0.00097 B		0.00099	0.00178
PCB-053		3.2E-06 QJ		2.8E-06 QJ		3.5E-05 C50	2.9E-05 C50		4E-05 C50	5.3E-05 C50
PCB-054		< 0.00968		< 0.00759		< 0.00934	< 0.0688		< 0.00811	< 0.187
PCB-055		< 0.00918		< 0.0069		4.6E-06 QJ	3.7E-06		2.6E-06 J	3.5E-06 QJ
PCB-056		< 0.00864		< 0.00649		5.6E-05	4.2E-05		5.2E-05	0.00012
PCB-057		< 0.00874		< 0.00657		< 0.00874	< 0.0657		< 0.00488	< 0.0769
PCB-058		< 0.0087		< 0.00654		< 0.0087	< 0.0653		< 0.00486	5.3E-05
PCB-059		< 0.00844		4.7E-06 QJ		2.2E-05 C	8.4E-06 C		1.4E-05 J C	1.8E-05 C
PCB-060		< 0.0089		< 0.00669		2.7E-05	2.1E-05		2.9E-05	6.1E-05
PCB-061		1.1E-05 BJ		8.6E-06 BJ		0.00051 B C	0.00053 B C		0.00049 C	0.00125 C
PCB-062		< 0.00844		4.7E-06 QJ		2.2E-05 C59	8.4E-06 C59		1.4E-05 J C	1.8E-05 C59
PCB-063		< 0.0081		< 0.00609		6.6E-06 J	5.3E-06		4.7E-06 J	1.2E-05
PCB-064		3.8E-06 QBJ		4.2E-06 BJ		0.00011	8.4E-05 B		0.00011	0.00018
PCB-065		0.00281 B C		0.002 B C		0.00195 B C	0.00032 B C		0.00038 C44	0.00069 B C
PCB-066		3.1E-06 BJ		2.9E-06 QBJ		0.00014	0.00013 B		0.00014	0.00032

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1
		8/7/2010	11/19/2010	11/20/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010
		ARSS5P-100807-01	ARSS5-101119-01	ARSS5P-101120-01	ARUT1-100206-01	ARUT1MP-100206-01	ARUT1P-100206-02	ARUT1-100327-01	ARUT1MP-100327-01	ARUT1P-100328-01
PCB-067		< 0.00786		< 0.00591		1.9E-06 QJ	2.2E-06 Q		1.8E-06 QJ	6.5E-06
PCB-068		0.00017		0.00013 B		0.0001	9.3E-07 J		3.8E-06 QJ	5.1E-06
PCB-069		4.2E-05 B C		3.1E-05 B C		0.00023 C49	0.00018 B C		0.00021 C49	0.00035 C49
PCB-070		1.1E-05 BJ		8.6E-06 BJ		0.00051 B C	0.00053 B C		0.00049 C61	0.00125 C61
PCB-071		6.2E-06 QJ		4.8E-06 QBJ		8.7E-05 C40	6.1E-05 C40		8.4E-05 C40	0.00015 C40
PCB-072		< 0.0085		< 0.00639		< 0.0085	< 0.0639		< 0.00475	8.1E-07 QJ
PCB-073		< 0.0111		< 0.00833		1.2E-05 QJ	< 0.0832		3.2E-06 QJ	1.4E-05 C43
PCB-074		1.1E-05 BJ		8.6E-06 BJ		0.00051 B C	0.00053 B C		0.00049 C61	0.00125 C61
PCB-075		< 0.00844		4.7E-06 QJ		2.2E-05 C59	8.4E-06 C59		1.4E-05 J C	1.8E-05 C59
PCB-076		1.1E-05 BJ		8.6E-06 BJ		0.00051 B C	0.00053 B C		0.00049 C61	0.00125 C61
PCB-077	32598-13-3	< 0.00845		< 0.00643		4.3E-06 QJ	5.4E-06 Q		3.5E-06 J	1.4E-05
PCB-078		< 0.00903		< 0.00679		< 0.00904	< 0.0679		< 0.00505	< 0.0795
PCB-079		< 0.00793		< 0.00596		3.5E-06 QJ	5.2E-06		3.1E-06 QJ	1.3E-05
PCB-080		< 0.00774		< 0.00582		< 0.00774	3.7E-07 J		< 0.00432	< 0.0681
PCB-081	70362-50-4	< 0.00794		< 0.0059		< 0.00807	< 0.0594		< 0.00462	9.1E-07 J
PCB-082		< 0.01		< 0.00453		4.5E-05 Q	6.9E-05		3.1E-05 Q	0.00023
PCB-083		7.3E-06 J C		3.7E-06 BJ		0.00034 C	0.00041 C		0.00031 C	0.00133 C
PCB-084		< 0.00958		3E-06 QJ		0.00023	0.00027		0.00022	0.00074
PCB-085		< 0.00694		< 0.00313		6.9E-05 C	0.0001 C		6.3E-05 C	0.00036 C
PCB-086		1.2E-05 J C		2.8E-06 BJ		0.00038 C	0.00052 C		0.00035 C	0.00172 C
PCB-087		1.2E-05 J C		2.8E-06 BJ		0.00038 C86	0.00052 C86		0.00035 C86	0.00172 C86
PCB-088		< 0.00853		1.2E-06 QJ		0.00011 C	0.00012 C		0.00011 C	0.00032 C
PCB-089		< 0.00927		< 0.00419		5.3E-06 QJ	7.4E-06		< 0.0106	1.4E-05 Q
PCB-090		1.6E-05 QB		6.4E-06 QBJ		0.00077 C	0.00092 B C		0.00075 C	0.00286 C
PCB-091		< 0.00853		1.2E-06 QJ		0.00011 C88	0.00012 C88		0.00011 C88	0.00032 C88
PCB-092		< 0.0082		< 0.0037		0.00014	0.00016		0.00013	0.00047
PCB-093		< 0.00823		< 0.00372		8.4E-06 QJ	5.8E-06 Q C		5.4E-06 QJ	1.1E-05 Q C
PCB-094		< 0.00926		< 0.00418		2.3E-06 QJ	3.1E-06		< 0.0106	4.5E-06 Q
PCB-095		1.5E-05		1.1E-05 QBJ		0.00092	0.00095 B		0.00102	0.00258
PCB-096		< 0.00693		< 0.00313		5.3E-06 J	5.5E-06		4.3E-06 QJ	8.1E-06 Q
PCB-097		1.2E-05 J C		2.8E-06 BJ		0.00038 C86	0.00052 C86		0.00035 C86	0.00172 C86
PCB-098		< 0.00798		< 0.0036		2.7E-05 C	2.1E-05 C		1.7E-05 Q C	5.3E-05 C
PCB-099		7.3E-06 J C		3.7E-06 BJ		0.00034 C83	0.00041 C83		0.00031 C83	0.00133 C83
PCB-100		< 0.00823		< 0.00372		8.4E-06 QJ	5.8E-06 Q C		5.4E-06 QJ	1.1E-05 QC9
PCB-101		1.6E-05 QB		6.4E-06 QBJ		0.00077 C90	0.00092 B C		0.00075 C90	0.00286 C90
PCB-102		< 0.00798		< 0.0036		2.7E-05 C98	2.1E-05 C98		1.7E-05 Q C	5.3E-05 C98
PCB-103		< 0.00812		< 0.00367		2.5E-06 QJ	4.1E-06		< 0.00931	6.7E-06 Q
PCB-104		< 0.00618		< 0.00279		< 0.00748	< 0.0836		< 0.00708	< 0.205
PCB-105	32598-14-4	1.4E-05		< 0.00276		5.6E-05	0.0001		4.9E-05	0.0003
PCB-106		< 0.00563		< 0.00306		< 0.00734	< 0.0717		< 0.00491	< 0.0872
PCB-107		< 0.00574		< 0.00312		1.3E-05 J C	1.7E-05 C		7.8E-06 QJ	4.4E-05 C
PCB-108		1.2E-05 J C		2.8E-06 BJ		0.00038 C86	0.00052 C86		0.00035 C86	0.00172 C86
PCB-109		< 0.00546		< 0.00297		1.7E-05	2.5E-05		9.3E-06 QJ	6.3E-05
PCB-110		2.4E-05 B C		3.5E-06 QBJ		0.00051 C	0.00075 B C		0.00048 C	0.00264 C
PCB-111		< 0.0058		< 0.00262		< 0.00703	3E-07 QJ		< 0.00665	< 0.193
PCB-112		< 0.0063		< 0.00285		< 0.00763	< 0.0853		< 0.00722	< 0.209
PCB-113		1.6E-05 QB		6.4E-06 QBJ		0.00077 C90	0.00092 B C		0.00075 C90	0.00286 C90

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1
		8/7/2010	11/19/2010	11/20/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010
		ARSS5P-100807-01	ARSS5-101119-01	ARSS5P-101120-01	ARUT1-100206-01	ARUT1MP-100206-01	ARUT1P-100206-02	ARUT1-100327-01	ARUT1MP-100327-01	ARUT1P-100328-01
PCB-114	74472-37-0	< 0.00497		< 0.00278		4.2E-06 QJ	9E-06		3.9E-06 J	2.3E-05
PCB-115		2.4E-05 B C		3.5E-06 QBJ		0.00051 C11	0.00075 B C		0.00048 C11	0.00264 C11
PCB-116		< 0.00694		< 0.00313		6.9E-05 C85	0.0001 C85		6.3E-05 C85	0.00036 C85
PCB-117		< 0.00694		< 0.00313		6.9E-05 C85	0.0001 C85		6.3E-05 C85	0.00036 C85
PCB-118	31508-00-6	3.6E-05 B		2.2E-06 QBJ		0.00023	0.00038		0.0002	0.00109
PCB-119		1.2E-05 J C		2.8E-06 BJ		0.00038 C86	0.00052 C86		0.00035 C86	0.00172 C86
PCB-120		< 0.00597		< 0.0027		< 0.00723	5.1E-07 J		< 0.00684	< 0.198
PCB-121		< 0.00602		< 0.00272		< 0.00729	< 0.0815		< 0.0069	< 0.2
PCB-122		< 0.00613		< 0.00333		2.2E-06 QJ	5.5E-06		< 0.00535	1E-05
PCB-123	65510-44-3	< 0.00546		< 0.00299		3E-06 QJ	5.4E-06		3E-06 J	1.6E-05
PCB-124		< 0.00574		< 0.00312		1.3E-05 J C	1.7E-05 C10		7.8E-06 QJ	4.4E-05 C10
PCB-125		1.2E-05 J C		2.8E-06 BJ		0.00038 C86	0.00052 C86		0.00035 C86	0.00172 C86
PCB-126	57465-28-8	< 0.00611		< 0.00326		< 0.00772	2E-06		< 0.0047	1E-06 QJ
PCB-127		< 0.00557		< 0.00302		< 0.00725	7.8E-07 QJ		< 0.00486	1.3E-06 J
PCB-128		6E-06 J C		< 0.00347		1.6E-05 C	2.8E-05 C		1.1E-05 J C	7.8E-05 C
PCB-129		4.7E-05 C		2.3E-06 QBJ		0.00017 C	0.00022 B C		0.00015 C	0.00061 C
PCB-130		< 0.0105		< 0.00464		8.7E-06 QJ	1.5E-05		7.1E-06 J	4E-05
PCB-131		< 0.0108		< 0.00475		5.7E-06 J	8.1E-06		3.2E-06 QJ	1.7E-05
PCB-132		1.2E-05 J		< 0.00452		0.00011	0.00013		8.8E-05	0.00031
PCB-133		< 0.00991		< 0.00436		< 0.0114	4.3E-06		< 0.00864	7.2E-06
PCB-134		< 0.0106		< 0.00464		2.2E-05 Q C	2.9E-05 C		1.7E-05 Q C	6E-05 C
PCB-135		3.4E-06 QJ		< 0.00369		0.00017 C	0.00013 C		0.00016 C	0.00037 C
PCB-136		< 0.00634		< 0.00271		9.9E-05	8.1E-05		9.6E-05	0.00022
PCB-137		2.5E-06 QJ		< 0.004		1.1E-05 J	1.5E-05		6.9E-06 J	4E-05
PCB-138		4.7E-05 C12		2.3E-06 QBJ		0.00017 C12	0.00022 B C		0.00015 C12	0.00061 C12
PCB-139		< 0.00904		< 0.00398		5.7E-06 QJ	1E-05 C		5.5E-06 J C	2E-05 C
PCB-140		< 0.00904		< 0.00398		5.7E-06 QJ	1E-05 C13		5.5E-06 J C	2E-05 C13
PCB-141		4.9E-06 QJ		< 0.00414		5.1E-05	4.5E-05		3.9E-05	0.00011
PCB-142		< 0.0104		< 0.00457		< 0.0119	< 0.0939		< 0.00906	< 0.139
PCB-143		< 0.0106		< 0.00464		2.2E-05 Q C	2.9E-05 C13		1.7E-05 Q C	6E-05 C13
PCB-144		< 0.00801		< 0.00342		2.2E-05	2.2E-05		1.8E-05 Q	6.9E-05
PCB-145		< 0.00606		< 0.00259		< 0.00681	< 0.0521		< 0.00675	< 0.144
PCB-146		3.4E-06 QJ		< 0.00378		3.7E-05	3.2E-05		2.7E-05	8.1E-05
PCB-147		1.8E-05 B C		2.3E-06 QBJ		0.00036 C	0.00029 C		0.00033 C	0.00064 C
PCB-148		< 0.00847		< 0.00362		< 0.00953	< 0.0729		< 0.00944	< 0.201
PCB-149		1.8E-05 B C		2.3E-06 QBJ		0.00036 C14	0.00029 C14		0.00033 C14	0.00064 C14
PCB-150		< 0.0059		< 0.00252		< 0.00664	6.5E-07 J		< 0.00658	< 0.14
PCB-151		3.4E-06 QJ		< 0.00369		0.00017 C13	0.00013 C13		0.00016 C13	0.00037 C13
PCB-152		< 0.00602		< 0.00257		< 0.00677	5.1E-07 QJ		< 0.00671	< 0.143
PCB-153		2.7E-05 B C		1.4E-06 QBJ		0.0002 C	0.00018 B C		0.00018 C	0.00047 C
PCB-154		< 0.00702		< 0.003		3.2E-06 QJ	3.5E-06		< 0.00783	5.8E-06 Q
PCB-155		< 0.00574		< 0.00245		< 0.00646	< 0.0494		< 0.0064	< 0.136
PCB-156		4.2E-06 QJ		< 0.00372		5.2E-06 J C	1.3E-05 C		4.6E-06 J C	3.9E-05 C
PCB-157	69782-90-7	4.2E-06 QJC		< 0.00372		5.2E-06 J C	1.3E-05 C15		4.6E-06 J C	3.9E-05 C15
PCB-158		3.9E-06 J		< 0.00283		1.6E-05	2.4E-05		1.1E-05 J	6.5E-05
PCB-159		< 0.00691		< 0.00304		< 0.00792	5E-07 QJ		< 0.00602	9.3E-07 J
PCB-160		4.7E-05 C12		2.3E-06 QBJ		0.00017 C12	0.00022 B C		0.00015 C12	0.00061 C12

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1
		8/7/2010	11/19/2010	11/20/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010
		ARSS5P-100807-01	ARSS5-101119-01	ARSS5P-101120-01	ARUT1-100206-01	ARUT1MP-100206-01	ARUT1P-100206-02	ARUT1-100327-01	ARUT1MP-100327-01	ARUT1P-100328-01
PCB-161		< 0.00687		< 0.00302		< 0.00788	< 0.0621		< 0.00599	< 0.0919
PCB-162		< 0.00682		< 0.003		< 0.00782	3.7E-07 QJ		< 0.00595	9.6E-07 J
PCB-163		4.7E-05 C12		2.3E-06 QBJ		0.00017 C12	0.00022 B C		0.00015 C12	0.00061 C12
PCB-164		2E-06 QJ		< 0.00316		1.2E-05 J	1.3E-05		7.3E-06 QJ	3.5E-05
PCB-165		< 0.00756		< 0.00332		< 0.00866	< 0.0683		< 0.00659	< 0.101
PCB-166		6E-06 J C		< 0.00347		1.6E-05 C12	2.8E-05 C12		1.1E-05 J C	7.8E-05 C12
PCB-167	52663-72-6	< 0.00514		< 0.00217		3E-06 J	5.1E-06		1.8E-06 J	1.4E-05
PCB-168		2.7E-05 B C		1.4E-06 QBJ		0.0002 C15	0.00018 B C		0.00018 C15	0.00047 C15
PCB-169	32774-16-6	< 0.00587		< 0.00253		< 0.0068	< 0.0524		< 0.00422	< 0.0687
PCB-170		< 0.00721		< 0.00333		5.3E-06 QJ	6.3E-06		3.4E-06 QJ	1.6E-05
PCB-171		< 0.00622		< 0.00293		4E-06 QJ	4.5E-06 C		3.7E-06 J C	1E-05 C
PCB-172		< 0.00616		< 0.0029		1.7E-06 QJ	1.1E-06 QJ		< 0.00654	2.6E-06 QJ
PCB-173		< 0.00622		< 0.00293		4E-06 QJ	4.5E-06 C17		3.7E-06 J C	1E-05 C17
PCB-174		2.2E-06 J		< 0.00271		2.9E-05	1.4E-05		2.2E-05	3.2E-05
PCB-175		< 0.00554		< 0.00261		9.5E-07 QJ	6.9E-07 J		< 0.00588	1.2E-06 J
PCB-176		< 0.00422		< 0.00199		7.9E-06 J	4.1E-06		7.7E-06 J	8.3E-06
PCB-177		1.7E-06 QJ		< 0.00278		9.4E-06 J	7.3E-06		8E-06 QJ	1.5E-05
PCB-178		< 0.00599		< 0.00282		7.9E-06 QJ	3.6E-06		6.1E-06 J	6.9E-06
PCB-179		< 0.00445		< 0.00209		4E-05	1.4E-05		3.8E-05	3.1E-05
PCB-180		3.4E-06 QJ		< 0.00221		2.8E-05 C	1.5E-05 C		2.7E-05 C	4.3E-05 C
PCB-181		< 0.00553		< 0.0026		< 0.00567	< 0.0471		< 0.00587	< 0.0718
PCB-182		< 0.00538		< 0.00253		< 0.00551	< 0.0458		< 0.00571	< 0.0698
PCB-183		1.6E-06 QJ		< 0.00259		2.6E-05 C	1.2E-05 C		2.2E-05 C	2.7E-05 C
PCB-184		< 0.00457		< 0.00215		< 0.00468	< 0.0389		< 0.00485	< 0.0592
PCB-185		1.6E-06 QJ		< 0.00259		2.6E-05 C18	1.2E-05 C18		2.2E-05 C18	2.7E-05 C18
PCB-186		< 0.00443		< 0.00209		< 0.00455	< 0.0377		< 0.00471	< 0.0575
PCB-187		2.8E-06 J		< 0.00242		5.8E-05	1.9E-05		5.3E-05	4.4E-05
PCB-188		< 0.00371		< 0.00176		< 0.00403	< 0.0343		< 0.00423	< 0.0537
PCB-189	39635-31-9	< 0.00329		< 0.00198		< 0.00392	< 0.033		< 0.00314	< 0.0356
PCB-190		< 0.00429		< 0.00202		< 0.00439	1.2E-06 J		< 0.00455	1.9E-06 QJ
PCB-191		< 0.00421		< 0.00198		< 0.00432	3.2E-07 QJ		< 0.00447	5.4E-07 J
PCB-192		< 0.00471		< 0.00222		< 0.00482	< 0.04		< 0.005	< 0.061
PCB-193		3.4E-06 QJ		< 0.00221		2.8E-05 C18	1.5E-05 C18		2.7E-05 C18	4.3E-05 C18
PCB-194		< 0.00272		< 0.00205		< 0.00356	9.5E-07 QJ		1.3E-06 QJ	1.6E-06 QJ
PCB-195		< 0.00295		< 0.00223		< 0.00387	4E-07 QJ		< 0.00376	6.4E-07 QJ
PCB-196		< 0.00361		< 0.0025		2.5E-06 J	1E-06 J		2E-06 QJ	1.8E-06 QJ
PCB-197		< 0.00268		< 0.00186		< 0.00323	< 0.0222		< 0.00404	< 0.039
PCB-198		< 0.00372		< 0.00258		9.7E-06 QJ	3.1E-06 C		9.4E-06 J C	5.4E-06 C
PCB-199		< 0.00372		< 0.00258		9.7E-06 QJ	3.1E-06 C19		9.4E-06 J C	5.4E-06 C19
PCB-200		< 0.00263		< 0.00183		1.4E-06 QJ	6.6E-07 J		< 0.00396	9.8E-07 J
PCB-201		< 0.00254		< 0.00176		3.7E-06 J	8E-07 QJ		2.4E-06 J	1.1E-06 QJ
PCB-202		< 0.00286		< 0.00199		1.2E-05 J	1.6E-06 Q		8E-06 J	3E-06 J
PCB-203		< 0.00332		< 0.00231		5E-06 J	1.8E-06		4.8E-06 J	3.2E-06 J
PCB-204		< 0.00279		< 0.00193		< 0.00336	< 0.023		< 0.0042	< 0.0406
PCB-205		< 0.00229		< 0.00173		< 0.003	< 0.0227		< 0.00291	< 0.0267
PCB-206		< 0.00429		< 0.00289		5.4E-06 J	5.2E-07 QJ		5.9E-06 QJ	9.6E-07 QJ
PCB-207		< 0.00305		< 0.00213		1.8E-06 QJ	1.9E-07 J		1.6E-06 QJ	< 0.0521

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50SS5	BLDG50SS5	BLDG50SS5	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1
		8/7/2010	11/19/2010	11/20/2010	2/6/2010	2/6/2010	2/6/2010	3/27/2010	3/27/2010	3/28/2010
		ARSS5P-100807-01	ARSS5-101119-01	ARSS5P-101120-01	ARUT1-100206-01	ARUT1MP-100206-01	ARUT1P-100206-02	ARUT1-100327-01	ARUT1MP-100327-01	ARUT1P-100328-01
PCB-208		< 0.00317		< 0.00227		1.2E-05 J	3.7E-07 J		9.6E-06 J	7.2E-07 QJ
PCB-209		< 0.00424		< 0.00228		1.5E-05	3.4E-07 QJ		1.5E-05	< 0.0391

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG52IA10	BLDG52IA10	BLDG52IA10
		8/7/2010	8/7/2010	8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010
		ARUT1-100807-01	ARUT1MP-100807-01	ARUT1P-100808-01	ARUT1-101120-01	ARUT1MP-101120-01	ARUT1P-101121-01	ARIA10-100206-01	ARIA10-100327-01	ARIA10-100807-01
VOCs										
Acetone	67-64-1	46 E			27					32
Acetonitrile	75-05-8	0.6 J			< 4.8					0.37 J
Acrolein	107-02-8	< 0.73			0.85					2.4
Acrylonitrile	107-13-1	0.22 J			< 0.73					< 1.7
Allyl Chloride	107-05-1	< 0.25			< 1.7					< 0.25
Benzene	71-43-2	2.7			1.9			0.94	0.56	0.47
Benzyl Chloride	100-44-7	< 0.83			< 0.83					< 0.83
Bromodichloromethane	75-27-4	< 0.54			< 0.54					< 0.54
Bromoform	75-25-2	< 0.83			< 0.83					< 0.83
Bromomethane	74-83-9	0.13 J			0.053 J					0.12 J
Butadiene, 1,3-	106-99-0	< 0.35			< 0.35					< 0.35
Butane, n-	106-97-8	19			7.5					2.2
Carbon Disulfide	75-15-0	0.35 J			0.091 J					0.22 J
Carbon Tetrachloride	56-23-5	0.47 J			0.57					0.47 J
Chlorobenzene	108-90-7	< 0.37			< 0.28					< 0.37
Chlorodifluoromethane	75-45-6	3.9			4.2					10
Chloroethane	75-00-3	0.042 J			< 0.39					0.058 J
Chloroform	67-66-3	0.17 J			0.11 J			0.1 J	0.15 J	0.24 J
Chloromethane	74-87-3	1.2			1.1					1.4
cis-1,3-Dichloropropene	10061-01-5	< 0.36			< 0.79					< 0.36
Cyclohexane	110-82-7	1.6			0.62 J					0.1 J
Decane, n-	124-18-5	110 E			14					0.79 J
Dibromochloromethane	124-48-1	< 0.68			< 1.1					< 0.68
Dibromoethane, 1,2-	106-93-4	< 0.61			< 0.61					< 0.61
Dibromomethane (Methylene Bromide)	74-95-3	< 1.1			< 0.4					< 1.1
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2	0.093 J			0.1 J					0.099 J
Dichlorobenzene, 1,2-	95-50-1	< 0.48			< 0.48			< 0.48	< 0.48	< 0.48
Dichlorobenzene, 1,3-	541-73-1	< 0.48			< 0.48					< 0.48
Dichlorobenzene, 1,4-	106-46-7	0.19 J			< 0.48			< 0.48	< 0.48	0.22 J
Dichlorodifluoromethane	75-71-8	2.9			4.1					2.3
Dichloroethane, 1,1-	75-34-3	< 0.32			< 0.32					< 0.32
Dichloroethane, 1,2-	107-06-2	0.31 J			0.094 J					0.12 J
Dichloroethene, 1,1-	75-35-4	< 0.32			< 0.32			< 0.32	< 0.32	< 0.32
Dichloroethylene, 1,2-cis-	156-59-2	< 0.32			< 0.36			< 0.32	< 0.32	< 0.32
Dichloroethylene, 1,2-trans-	156-60-5	< 0.32			< 0.32			< 0.32	< 0.32	< 0.32
Dichloropropane, 1,2-	78-87-5	< 0.37			< 0.37					< 0.37
Dichloropropene, trans-1,3-	10061-02-6	< 0.36			< 0.36					< 0.36
Dodecane, n-	112-40-3	8.1			0.56 J					0.76 J
Ethyl Ether	60-29-7	< 2.4			< 0.35					< 2.4
Ethylbenzene	100-41-4	3.3			1.3			0.43	0.53	0.4
Heptane, n-		2.2			1.4					0.7 J
Hexachlorobutadiene	87-68-3	< 4.3			< 1.4					< 4.3
Hexane, N-	110-54-3	21			4.1					3.6
Hexanone, 2-	591-78-6	0.52 J			0.1 J					0.61 J
Isopropylbenzene (Cumene)	98-82-8	1.3			0.16 J					< 0.79
Methyl Ethyl Ketone (2-Butanone)	78-93-3	13			3.9					5.1

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG52IA10	BLDG52IA10	BLDG52IA10
		8/7/2010	8/7/2010	8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010
		ARUT1-100807-01	ARUT1MP-100807-01	ARUT1P-100808-01	ARUT1-101120-01	ARUT1MP-101120-01	ARUT1P-101121-01	ARIA10-100206-01	ARIA10-100327-01	ARIA10-100807-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	4.2			0.38 J					0.4 J
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 1.4			< 2.8					< 1.4
Methylene Chloride	75-09-2	0.67 J B			2.2 B					0.49 J B
Methylstyrene, Alpha-	98-83-9	< 0.77			< 0.77					0.87
Naphthalene	91-20-3	2.1			< 0.82					0.19 J
Nonane, n-	111-84-2	82			10 J					0.19 J
Octane, n-	111-65-9	4.4			0.59 J					0.31 J
Pentane, n-	109-66-0	10			2.6					0.66 J
Propylbenzene, n-	103-65-1	6.6			0.46 J					< 0.79
Styrene	100-42-5	0.76			0.24 J					0.3 J
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.55			< 0.55					< 0.55
Tetrachloroethene	127-18-4	0.29 J			0.19 J			0.39 J	< 0.54	0.31 J
Toluene	108-88-3	14			5.7 B			2.1	2.1	1.5
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	88								0.55 J
Trichlorobenzene, 1,2,4-	120-82-1	< 3			< 3					< 3
Trichloroethane, 1,1,1-	71-55-6	< 0.44			0.087 J					< 0.44
Trichloroethane, 1,1,2-	79-00-5	< 0.44			< 0.61					< 0.44
Trichloroethene	79-01-6	0.68			1.1			0.26	< 0.21	< 0.21
Trichlorofluoromethane	75-69-4	290 E			6.1					1.6
Trichlorotrifluoroethane, 1,1,2-					0.55 J					
Trimethylbenzene, 1,2,4-	95-63-6	49			4.2					0.44
Trimethylbenzene, 1,3,5-	108-67-8	14			1.4					< 0.39
Undecane, n-	1120-21-4	68			4.1					0.26 J
Vinyl Acetate	108-05-4	0.89 J			< 1.4					< 1.4
Vinyl Chloride	75-01-4	< 0.2			< 0.2			< 0.2	< 0.2	< 0.2
Xylene, o-	95-47-6	5.2			1.5			0.38	0.42	0.39
Xylenes, m & p		15			4.3			1.1	1.4	1.1
PCBs and Dioxins										
PCB-001			0.0002 QB	0.00027 BS		2.3E-05 B	3.8E-05 BS			
PCB-002			1.6E-05 BJ	3.6E-05 B		3.4E-06 BJ	6.4E-06 B			
PCB-003			0.00013 J	0.00015		9.7E-06 QJ	2.2E-05			
PCB-004			0.0004 Q	0.00048 S		4.9E-05 B	8.6E-05 BS			
PCB-005			1.7E-05 QJ	2.8E-05		1.7E-06 QBJ	4.5E-06 QB			
PCB-006			0.00018 Q	0.0003		2.3E-05 QB	5.4E-05 B			
PCB-007			5.6E-05 QJ	7.4E-05		5.4E-06 QBJ	1.5E-05 B			
PCB-008			0.00097 B	0.0014 BS		0.00013 B	0.0002 BS			
PCB-009			5.1E-05 QJ	9.6E-05		7E-06 QJ	1.9E-05			
PCB-010			2.6E-05 QJ	3.4E-05		1.6E-06 QJ	4.7E-06 Q			
PCB-011			0.00046 QB	0.00076 B		6.4E-05 QB	0.00017 B			
PCB-012			5.8E-05 QBJ	6.2E-05 B C		4.3E-06 QJ	1.4E-05 Q C			
PCB-013			5.8E-05 QBJ	6.2E-05 B C		4.3E-06 QJ	1.4E-05 Q C			
PCB-014			< 0.109	< 0.252		< 0.00903	1.4E-07 QJ			
PCB-015			0.00023 QB	0.00032 B		2.4E-05 QB	5.4E-05 B			
PCB-016			0.00024	0.00044		4.8E-05 B	8.3E-05 B			
PCB-017			0.00028	0.00044		5.3E-05 B	9E-05 B			
PCB-018			0.0006 B C	0.00102 B C		0.00011 B C	0.00019 B C			
PCB-019			7E-05 QJ	0.00011		1E-05 QJ	2E-05			

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG52IA10	BLDG52IA10	BLDG52IA10
		8/7/2010	8/7/2010	8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010
		ARUT1-100807-01	ARUT1MP-100807-01	ARUT1P-100808-01	ARUT1-101120-01	ARUT1MP-101120-01	ARUT1P-101121-01	ARIA10-100206-01	ARIA10-100327-01	ARIA10-100807-01
PCB-020			0.00083 B C	0.00129 B C		0.00014 B C	0.00025 B C			
PCB-021			0.00049 B C	0.00081 B C		9E-05 B C	0.00016 B C			
PCB-022			0.0003 B	0.0004 B		4.8E-05 B	8.5E-05 B			
PCB-023			< 0.0879	2.3E-06 J		< 0.00834	4.2E-07 J			
PCB-024			< 0.0796	9.5E-06		< 0.00712	2.7E-06 Q			
PCB-025			5.9E-05 J	9.1E-05		1E-05 BJ	1.8E-05 B			
PCB-026			0.00013 J C	0.00021 C		2.2E-05 B C	4E-05 B C			
PCB-027			3.3E-05 QJ	6.1E-05		6.5E-06 QJ	1.1E-05			
PCB-028			0.00083 B C	0.00129 B C		0.00014 B C	0.00025 B C			
PCB-029			0.00013 J C	0.00021 C26		2.2E-05 B C	4E-05 B C			
PCB-030			0.0006 B C	0.00102 B C		0.00011 B C	0.00019 B C			
PCB-031			0.00082 B	0.00124 B		0.00014 B	0.00025 B			
PCB-032			0.00016	0.00024		3.5E-05 B	5.5E-05 B			
PCB-033			0.00049 B C	0.00081 B C		9E-05 B C	0.00016 B C			
PCB-034			< 0.0866	3.3E-06 QJ		< 0.00821	7.6E-07 J			
PCB-035			< 0.089	2E-05		1.7E-06 QJ	3.4E-06			
PCB-036			3.4E-05 J	< 0.196		5E-06 J	9.3E-06			
PCB-037			0.00013 BJ	0.00023 B		2E-05 B	4.2E-05 B			
PCB-038			< 0.0907	< 0.207		< 0.0086	< 0.0636			
PCB-039			< 0.0806	6.9E-06 B		< 0.00765	< 0.0566			
PCB-040			0.00043 C	0.00049 C		7.6E-05 B C	0.00014 B C			
PCB-041			0.00043 C40	0.00049 C40		7.6E-05 B C	0.00014 B C			
PCB-042			0.00021	0.0002		3.3E-05	6.1E-05			
PCB-043			6.7E-05 QJ	3.7E-05 C		1.3E-05 J C	1.7E-05 C			
PCB-044			0.00261 B C	0.00228 B C		0.00046 B C	0.00073 B C			
PCB-045			0.00015 C	0.00012 C		3.4E-05 B C	4.2E-05 B C			
PCB-046			< 0.212	4.3E-05		7.8E-06 J	1.4E-05			
PCB-047			0.00261 B C	0.00228 B C		0.00046 B C	0.00073 B C			
PCB-048			0.00017 Q	0.00017		3.1E-05 B	5.4E-05 B			
PCB-049			0.00139 B C	0.00117 B C		0.0002 B C	0.00038 B C			
PCB-050			0.00018 C	0.00015 C		2.3E-05 C	4.7E-05 C			
PCB-051			0.00015 C45	0.00012 C45		3.4E-05 B C	4.2E-05 B C			
PCB-052			0.0078 B	0.00608 B		0.00109 B	0.00193 B			
PCB-053			0.00018 C50	0.00015 C50		2.3E-05 C50	4.7E-05 C50			
PCB-054			< 0.0923	< 0.48		< 0.00808	< 0.0973			
PCB-055			7.5E-05 QJ	1.7E-05 Q		3.9E-06 QJ	1E-05			
PCB-056			0.00036	0.00047		5.8E-05 B	0.00012 B			
PCB-057			< 0.128	< 0.172		< 0.00738	5.1E-07 J			
PCB-058			< 0.127	< 0.171		< 0.00735	1.1E-06 QJ			
PCB-059			5.5E-05 J C	4.8E-05 C		1E-05 QJ	1.8E-05 C			
PCB-060			0.00017	0.00023		3E-05 B	5.7E-05 B			
PCB-061			0.00494 B C	0.00516 B C		0.0008 B C	0.00141 B C			
PCB-062			5.5E-05 J C	4.8E-05 C59		1E-05 QJ	1.8E-05 C59			
PCB-063			3.6E-05 QJ	4.1E-05		6.3E-06 QJ	1.2E-05			
PCB-064			0.00074 B	0.00063 B		0.00011 B	0.0002 B			
PCB-065			0.00261 B C	0.00228 B C		0.00046 B C	0.00073 B C			
PCB-066			0.00113 B	0.00128 B		0.00018 B	0.00034 B			

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG52IA10	BLDG52IA10	BLDG52IA10
		8/7/2010	8/7/2010	8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010
		ARUT1-100807-01	ARUT1MP-100807-01	ARUT1P-100808-01	ARUT1-101120-01	ARUT1MP-101120-01	ARUT1P-101121-01	ARIA10-100206-01	ARIA10-100327-01	ARIA10-100807-01
PCB-067			< 0.115	1.8E-05		2.4E-06 QJ	5.3E-06			
PCB-068			< 0.116	2.5E-06 QJ		4.6E-06 BJ	2.2E-06 B			
PCB-069			0.00139 B C	0.00117 B C		0.0002 B C	0.00038 B C			
PCB-070			0.00494 B C	0.00516 B C		0.0008 B C	0.00141 B C			
PCB-071			0.00043 C40	0.00049 C40		7.6E-05 B C	0.00014 B C			
PCB-072			< 0.124	1.9E-06 QJ		< 0.00718	1.6E-06			
PCB-073			6.7E-05 QJ	3.7E-05 C43		1.3E-05 J C	1.7E-05 C43			
PCB-074			0.00494 B C	0.00516 B C		0.0008 B C	0.00141 B C			
PCB-075			5.5E-05 J C	4.8E-05 C59		1E-05 QJ	1.8E-05 C59			
PCB-076			0.00494 B C	0.00516 B C		0.0008 B C	0.00141 B C			
PCB-077	32598-13-3		6.1E-05 J	8.4E-05		8.4E-06 J	1.5E-05			
PCB-078			< 0.132	< 0.177		< 0.00763	< 0.0802			
PCB-079			0.00011 J	0.00014		1.5E-05	3E-05			
PCB-080			< 0.113	5.1E-05		< 0.00654	< 0.0688			
PCB-081	70362-50-4		< 0.109	3.9E-06		< 0.00655	< 0.0734			
PCB-082			0.00067	0.00144		0.00011	0.00018			
PCB-083			0.00335 C	0.00711 C		0.00061 B C	0.00107 B C			
PCB-084			0.00215	0.00402		0.00037	0.00069			
PCB-085			0.00078 C	0.0021 C		0.00015 B C	0.00026 B C			
PCB-086			0.00426 C	0.00992 C		0.00079 B C	0.0014 B C			
PCB-087			0.00426 C86	0.00992 C86		0.00079 B C	0.0014 B C			
PCB-088			0.00096 C	0.0016 C		0.00016 C	0.00029 C			
PCB-089			4.7E-05 QJ	9E-05		9.1E-06 J	1.6E-05			
PCB-090			0.00745 B C	0.01483 B C		0.00143 B C	0.00232 B C			
PCB-091			0.00096 C88	0.0016 C88		0.00016 C88	0.00029 C88			
PCB-092			0.00128	0.00249		0.00023	0.0004			
PCB-093			< 0.165	3.2E-05 C		< 0.01	1.8E-05 Q C			
PCB-094			< 0.186	3.7E-05		< 0.0113	6.4E-06			
PCB-095			0.00749	0.01223 E		0.0013 B	0.00219 B			
PCB-096			< 0.139	5.4E-05		6E-06 J	1E-05			
PCB-097			0.00426 C86	0.00992 C86		0.00079 B C	0.0014 B C			
PCB-098			0.00023 C	0.00028 C		3.8E-05 C	5.7E-05 C			
PCB-099			0.00335 C83	0.00711 C83		0.00061 B C	0.00107 B C			
PCB-100			< 0.165	3.2E-05 C93		< 0.01	1.8E-05 Q C			
PCB-101			0.00745 B C	0.01483 B C		0.00143 B C	0.00232 B C			
PCB-102			0.00023 C98	0.00028 C98		3.8E-05 C98	5.7E-05 C98			
PCB-103			< 0.163	4.7E-05		< 0.00989	9.2E-06			
PCB-104			< 0.124	< 0.502		< 0.00752	< 0.114			
PCB-105	32598-14-4		0.00121	0.00223		0.00018 B	0.00028 B			
PCB-106			< 0.122	< 0.193		< 0.0088	< 0.108			
PCB-107			0.0002 C	0.0003 C		2.9E-05 C	4.7E-05 C			
PCB-108			0.00426 C86	0.00992 C86		0.00079 B C	0.0014 B C			
PCB-109			0.00026	0.00042		3.2E-05 Q	6.7E-05			
PCB-110			0.00638 B C	0.01518 BE		0.0012 B C	0.00202 B C			
PCB-111			< 0.117	< 0.472		< 0.00707	< 0.107			
PCB-112			< 0.127	< 0.512		< 0.00768	< 0.116			
PCB-113			0.00745 B C	0.01483 B C		0.00143 B C	0.00232 B C			

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG52IA10	BLDG52IA10	BLDG52IA10
		8/7/2010	8/7/2010	8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010
		ARUT1-100807-01	ARUT1MP-100807-01	ARUT1P-100808-01	ARUT1-101120-01	ARUT1MP-101120-01	ARUT1P-101121-01	ARIA10-100206-01	ARIA10-100327-01	ARIA10-100807-01
PCB-114	74472-37-0		0.0001 J	0.00015		1.5E-05	2.4E-05			
PCB-115			0.00638 B C	0.01518 BE		0.0012 B C	0.00202 B C			
PCB-116			0.00078 C85	0.0021 C85		0.00015 B C	0.00026 B C			
PCB-117			0.00078 C85	0.0021 C85		0.00015 B C	0.00026 B C			
PCB-118	31508-00-6		0.0041 B	0.00676 B		0.00065 B	0.00099 B			
PCB-119			0.00426 C86	0.00992 C86		0.00079 B C	0.0014 B C			
PCB-120			< 0.12	< 0.485		< 0.00727	< 0.11			
PCB-121			< 0.121	< 0.489		< 0.00733	< 0.111			
PCB-122			4.9E-05 QJ	7.5E-05		8.5E-06 QJ	1.4E-05			
PCB-123	65510-44-3		7.6E-05 QJ	9.1E-05		7.6E-06 QJ	1.2E-05			
PCB-124			0.0002 C10	0.0003 C10		2.9E-05 C10	4.7E-05 C10			
PCB-125			0.00426 C86	0.00992 C86		0.00079 B C	0.0014 B C			
PCB-126	57465-28-8		< 0.134	3.5E-05		3.3E-06 QJ	5.3E-06			
PCB-127			< 0.12	8.6E-06 Q		< 0.00869	< 0.107			
PCB-128			0.0003 C	0.00063 C		5.2E-05 C	8.4E-05 C			
PCB-129			0.00273 C	0.00459 C		0.00044 B C	0.00069 B C			
PCB-130			0.00016 Q	0.00031		3E-05	4.7E-05			
PCB-131			7.9E-05 QJ	0.00012		1.2E-05 J	2.5E-05			
PCB-132			0.0015	0.00228		0.00025 B	0.00042 B			
PCB-133			3.7E-05 QJ	6.2E-05		8.2E-06 QJ	1.2E-05			
PCB-134			0.00034 C	0.00043 C		5.9E-05 C	9.3E-05 C			
PCB-135			0.00115 Q C	0.00222 C		0.00022 B C	0.00036 B C			
PCB-136			0.00071	0.00116		0.00013	0.00023			
PCB-137			0.00018	0.0003		2.3E-05 Q	4.5E-05			
PCB-138			0.00273 C12	0.00459 C12		0.00044 B C	0.00069 B C			
PCB-139			8.8E-05 QJ	0.00014 C		1.5E-05 Q C	2.9E-05 C			
PCB-140			8.8E-05 QJC	0.00014 C13		1.5E-05 Q C	2.9E-05 C13			
PCB-141			0.00055	0.00086		9.1E-05 B	0.00014 B			
PCB-142			< 0.197	< 0.322		< 0.0142	< 0.126			
PCB-143			0.00034 C13	0.00043 C13		5.9E-05 C13	9.3E-05 C13			
PCB-144			0.00017 Q	0.00023		3.4E-05	6.7E-05			
PCB-145			< 0.112	4.5E-06 Q		< 0.00763	< 0.0663			
PCB-146			0.00037	0.00059		6.5E-05	0.0001			
PCB-147			0.00322 B C	0.0043 B C		0.00054 B C	0.00091 B C			
PCB-148			< 0.157	3E-06 QJ		< 0.0107	5E-07 QJ			
PCB-149			0.00322 B C	0.0043 B C		0.00054 B C	0.00091 B C			
PCB-150			< 0.109	5.9E-06		< 0.00744	1.9E-06			
PCB-151			0.00115 Q C	0.00222 C13		0.00022 B C	0.00036 B C			
PCB-152			< 0.112	8.2E-06		< 0.00758	1.4E-06 QJ			
PCB-153			0.00207 B C	0.00336 B C		0.00037 B C	0.00057 B C			
PCB-154			3.5E-05 QJ	3.9E-05		6.8E-06 QJ	4.8E-06 Q			
PCB-155			< 0.106	< 0.321		< 0.00723	< 0.0629			
PCB-156			0.00015 C	0.0003 C		2.5E-05 C	3.3E-05 C			
PCB-157	69782-90-7		0.00015 C15	0.0003 C15		2.5E-05 C15	3.3E-05 C15			
PCB-158			0.00029	0.0005		4.8E-05	7.2E-05			
PCB-159			< 0.131	8.1E-06		< 0.00947	1.5E-06 J			
PCB-160			0.00273 C12	0.00459 C12		0.00044 B C	0.00069 B C			

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG52IA10	BLDG52IA10	BLDG52IA10
		8/7/2010	8/7/2010	8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010
		ARUT1-100807-01	ARUT1MP-100807-01	ARUT1P-100808-01	ARUT1-101120-01	ARUT1MP-101120-01	ARUT1P-101121-01	ARIA10-100206-01	ARIA10-100327-01	ARIA10-100807-01
PCB-161			< 0.131	< 0.213		< 0.00942	< 0.0835			
PCB-162			< 0.13	9.1E-06 Q		< 0.00935	8.6E-07 QJ			
PCB-163			0.00273 C12	0.00459 C12		0.00044 B C	0.00069 B C			
PCB-164			0.00014 Q	0.00028		2.4E-05	4E-05			
PCB-165			< 0.143	< 0.234		< 0.0104	8.2E-07 J			
PCB-166			0.0003 C12	0.00063 C12		5.2E-05 C12	8.4E-05 C12			
PCB-167	52663-72-6		4.5E-05 J	0.00011		8.4E-06 QJ	1.2E-05			
PCB-168			0.00207 B C	0.00336 B C		0.00037 B C	0.00057 B C			
PCB-169	32774-16-6		< 0.112	< 0.152		< 0.00794	< 0.0729			
PCB-170			6.5E-05 J	0.00014		1.4E-05	1.7E-05			
PCB-171			5E-05 J C	0.0001 C		8.1E-06 QJ	1.2E-05 C			
PCB-172			< 0.0879	3E-05		2E-06 QJ	3.1E-06			
PCB-173			5E-05 J C	0.0001 C17		8.1E-06 QJ	1.2E-05 C17			
PCB-174			0.00012 J	0.00028		2.9E-05	3.7E-05			
PCB-175			< 0.079	1.5E-05		< 0.00483	1.9E-06 Q			
PCB-176			3.5E-05 QJ	6.5E-05		6E-06 QJ	1.1E-05			
PCB-177			7.3E-05 J	0.00015		1.6E-05	1.9E-05			
PCB-178			3.1E-05 J	6.2E-05		7E-06 QJ	9.2E-06			
PCB-179			0.00012 QJ	0.00019		2.9E-05	3.9E-05			
PCB-180			0.00013 QJ	0.00032 C		3.2E-05 QB	3.9E-05 B C			
PCB-181			< 0.079	6.3E-06		< 0.00482	8.4E-07 QJ			
PCB-182			< 0.0768	< 0.139		< 0.00469	3.9E-07 QJ			
PCB-183			0.00011 QJ	0.00023 C		2.5E-05 C	3.2E-05 C			
PCB-184			< 0.0652	< 0.118		< 0.00398	< 0.0384			
PCB-185			0.00011 QJ	0.00023 C18		2.5E-05 C18	3.2E-05 C18			
PCB-186			< 0.0633	< 0.115		< 0.00386	< 0.0373			
PCB-187			0.00016 Q	0.00035		4.7E-05 B	5.1E-05 B			
PCB-188			< 0.0536	< 0.105		< 0.00323	< 0.0314			
PCB-189	39635-31-9		< 0.0481	2.3E-06 J		< 0.00355	2.4E-07 QJ			
PCB-190			< 0.0612	2.4E-05		1.6E-06 QJ	2.5E-06			
PCB-191			< 0.0602	7.6E-06		< 0.00367	5.6E-07 QJ			
PCB-192			< 0.0672	< 0.122		< 0.0041	< 0.0396			
PCB-193			0.00013 QJ	0.00032 C18		3.2E-05 QBJ	3.9E-05 B C			
PCB-194			< 0.0447	1E-05		1.5E-06 J	1.4E-06 QJ			
PCB-195			< 0.0485	6E-06		< 0.00359	6.8E-07 J			
PCB-196			< 0.056	1.6E-05		1.8E-06 QJ	1.9E-06			
PCB-197			< 0.0417	2.7E-06 J		< 0.00291	2.4E-07 QJ			
PCB-198			< 0.0578	4.1E-05 C		5.7E-06 J C	5.1E-06 C			
PCB-199			< 0.0578	4.1E-05 C19		5.7E-06 J C	5.1E-06 C19			
PCB-200			< 0.0409	9E-06		1.2E-06 QJ	1.1E-06 QJ			
PCB-201			< 0.0395	1.2E-05		1E-06 QJ	1.7E-06 Q			
PCB-202			< 0.0445	2.7E-05		3.5E-06 QJ	3.8E-06			
PCB-203			< 0.0517	2.7E-05		3.8E-06 QJ	3.2E-06			
PCB-204			< 0.0433	< 0.0642		< 0.00303	< 0.0226			
PCB-205			< 0.0376	< 0.0482		< 0.00279	< 0.0239			
PCB-206			< 0.0773	6.6E-06		1.8E-06 QJ	5.9E-07 QJ			
PCB-207			< 0.0527	1.5E-06 QJ		6E-07 QJ	2.5E-07 J			

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG50UT1	BLDG52IA10	BLDG52IA10	BLDG52IA10
		8/7/2010	8/7/2010	8/8/2010	11/20/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010
		ARUT1-100807-01	ARUT1MP-100807-01	ARUT1P-100808-01	ARUT1-101120-01	ARUT1MP-101120-01	ARUT1P-101121-01	ARIA10-100206-01	ARIA10-100327-01	ARIA10-100807-01
PCB-208			< 0.0532	5.3E-06		1.3E-06 QJ	3.7E-07 QJ			
PCB-209			< 0.0781	9.1E-07 QBJ		1.9E-06 QJ	< 0.0144			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA10	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA52-1	BLDG52IA52-10	BLDG52IA52-2	BLDG52IA52-3
		11/20/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	1/29/2008	3/12/2008	1/29/2008	3/12/2008
		ARIA10-101120-01	ARIA11-100206-01	ARIA11-100327-01	ARIA11-100807-01	ARIA11-101120-01	ARIA521-080129-01	ARIA5210-080312-01	ARIA522-080129-01	ARIA523-080312-01
VOCs										
Acetone	67-64-1	18			25	25				
Acetonitrile	75-05-8	0.28 J			0.39 J	0.23 J				
Acrolein	107-02-8	0.8			1.7	1.5				
Acrylonitrile	107-13-1	< 0.73			< 1.7	< 0.73				
Allyl Chloride	107-05-1	< 1.7			< 0.25	< 1.7				
Benzene	71-43-2	1.6	0.76	0.55	0.52	1.6				
Benzyl Chloride	100-44-7	< 0.83			< 0.83	< 0.83				
Bromodichloromethane	75-27-4	< 0.54			< 0.54	< 0.54				
Bromoform	75-25-2	< 0.83			< 0.83	< 0.83				
Bromomethane	74-83-9	0.06 J			0.092 J	< 0.31				
Butadiene, 1,3-	106-99-0	< 0.35			< 0.35	< 0.35				
Butane, n-	106-97-8	7.5			1.9	7.6				
Carbon Disulfide	75-15-0	0.095 J			0.082 J	0.16 J				
Carbon Tetrachloride	56-23-5	0.53			0.46 J	0.57				
Chlorobenzene	108-90-7	< 0.28			< 0.37	< 0.28				
Chlorodifluoromethane	75-45-6	3.3			9	3.9				
Chloroethane	75-00-3	< 0.39			0.046 J	< 0.39				
Chloroform	67-66-3	0.15 J	0.55	0.7	0.41	0.37 J				
Chloromethane	74-87-3	0.98			1.6	0.99				
cis-1,3-Dichloropropene	10061-01-5	< 0.79			< 0.36	< 0.79				
Cyclohexane	110-82-7	0.47 J			0.14 J	0.5 J				
Decane, n-	124-18-5	4.9			1 J	0.53 J				
Dibromochloromethane	124-48-1	< 1.1			< 0.68	< 1.1				
Dibromoethane, 1,2-	106-93-4	< 0.61			< 0.61	< 0.61				
Dibromomethane (Methylene Bromide)	74-95-3	< 0.4			< 1.1	< 0.4				
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2	0.092 J			0.099 J	0.096 J				
Dichlorobenzene, 1,2-	95-50-1	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48				
Dichlorobenzene, 1,3-	541-73-1	< 0.48			< 0.48	< 0.48				
Dichlorobenzene, 1,4-	106-46-7	< 0.48	< 0.48	< 0.48	0.28 J	< 0.48				
Dichlorodifluoromethane	75-71-8	2.6			2.3	2.6				
Dichloroethane, 1,1-	75-34-3	< 0.32			< 0.32	< 0.32				
Dichloroethane, 1,2-	107-06-2	0.11 J			0.19 J	0.11 J				
Dichloroethene, 1,1-	75-35-4	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32				
Dichloroethylene, 1,2-cis-	156-59-2	< 0.36	< 0.32	< 0.32	< 0.32	< 0.36	< 0.14	< 0.15	< 0.14	< 0.14
Dichloroethylene, 1,2-trans-	156-60-5	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.72	< 0.74	< 0.71	< 0.68
Dichloropropane, 1,2-	78-87-5	< 0.37			< 0.37	< 0.37				
Dichloropropene, trans-1,3-	10061-02-6	< 0.36			< 0.36	< 0.36				
Dodecane, n-	112-40-3	4.5			1.4 J	0.23 J				
Ethyl Ether	60-29-7	< 0.35			< 2.4	< 0.35				
Ethylbenzene	100-41-4	1	< 0.35	0.87	0.55	1				
Heptane, n-		1.7			0.69 J	1.9				
Hexachlorobutadiene	87-68-3	< 1.4			< 4.3	< 1.4				
Hexane, N-	110-54-3	1.5			4.9	1.9				
Hexanone, 2-	591-78-6	0.1 J			0.23 J	0.19 J				
Isopropylbenzene (Cumene)	98-82-8	< 1			< 0.79	< 1				
Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.3			2.5	3.6				

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA10	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA52-1	BLDG52IA52-10	BLDG52IA52-2	BLDG52IA52-3
		11/20/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	1/29/2008	3/12/2008	1/29/2008	3/12/2008
		ARIA10-101120-01	ARIA11-100206-01	ARIA11-100327-01	ARIA11-100807-01	ARIA11-101120-01	ARIA521-080129-01	ARIA5210-080312-01	ARIA522-080129-01	ARIA523-080312-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	0.26 J			0.28 J	0.23 J				
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 2.8			< 1.4	< 2.8				
Methylene Chloride	75-09-2	1.8 B			0.54 J B	3.4 B				
Methylstyrene, Alpha-	98-83-9	< 0.77			< 0.77	< 0.77				
Naphthalene	91-20-3	< 0.82			0.3 J	0.61 J				
Nonane, n-	111-84-2	0.43 J			0.24 J	0.33 J				
Octane, n-	111-65-9	0.77			0.36 J	0.47 J				
Pentane, n-	109-66-0	2.3			0.74 J	2.3				
Propylbenzene, n-	103-65-1	0.27 J			< 0.79	0.25 J				
Styrene	100-42-5	0.37			0.35	0.26 J				
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.55			< 0.55	< 0.55				
Tetrachloroethene	127-18-4	0.23 J	0.36 J	0.15 J	0.38 J	0.19 J		0.51		0.48
Toluene	108-88-3	4.2 B	0.58	6.6	1.4	4.3 B				
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				0.59 J					
Trichlorobenzene, 1,2,4-	120-82-1	< 3			< 3	< 3				
Trichloroethane, 1,1,1-	71-55-6	< 0.44			< 0.44	< 0.44				
Trichloroethane, 1,1,2-	79-00-5	< 0.61			< 0.44	< 0.61				
Trichloroethene	79-01-6	0.098 J	0.16 J	< 0.21	0.092 J	< 0.21	110	< 0.2	2.2	< 0.18
Trichlorofluoromethane	75-69-4	1.2			1.6	1.3				
Trichlorotrifluoroethane, 1,1,2-		0.48 J				0.51 J				
Trimethylbenzene, 1,2,4-	95-63-6	1.4			0.48	1.1				
Trimethylbenzene, 1,3,5-	108-67-8	0.41			< 0.39	0.39 J				
Undecane, n-	1120-21-4	0.39 J			0.52 J	0.32 J				
Vinyl Acetate	108-05-4	< 1.4			< 1.4	< 1.4				
Vinyl Chloride	75-01-4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.047	< 0.048	< 0.046	< 0.044
Xylene, o-	95-47-6	1	< 0.35	0.3 J	0.49	1				
Xylenes, m & p		2.8	< 0.35	1.5	1.6	2.8				
PCBs and Dioxins										
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
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PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA10	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA52-1	BLDG52IA52-10	BLDG52IA52-2	BLDG52IA52-3
		11/20/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	1/29/2008	3/12/2008	1/29/2008	3/12/2008
		ARIA10-101120-01	ARIA11-100206-01	ARIA11-100327-01	ARIA11-100807-01	ARIA11-101120-01	ARIA521-080129-01	ARIA5210-080312-01	ARIA522-080129-01	ARIA523-080312-01
PCB-020										
PCB-021										
PCB-022										
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PCB-025										
PCB-026										
PCB-027										
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PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA10	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA52-1	BLDG52IA52-10	BLDG52IA52-2	BLDG52IA52-3
		11/20/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	1/29/2008	3/12/2008	1/29/2008	3/12/2008
		ARIA10-101120-01	ARIA11-100206-01	ARIA11-100327-01	ARIA11-100807-01	ARIA11-101120-01	ARIA521-080129-01	ARIA5210-080312-01	ARIA522-080129-01	ARIA523-080312-01
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
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PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA10	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA52-1	BLDG52IA52-10	BLDG52IA52-2	BLDG52IA52-3
		11/20/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	1/29/2008	3/12/2008	1/29/2008	3/12/2008
		ARIA10-101120-01	ARIA11-100206-01	ARIA11-100327-01	ARIA11-100807-01	ARIA11-101120-01	ARIA521-080129-01	ARIA5210-080312-01	ARIA522-080129-01	ARIA523-080312-01
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
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PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA10	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA52-1	BLDG52IA52-10	BLDG52IA52-2	BLDG52IA52-3
		11/20/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	1/29/2008	3/12/2008	1/29/2008	3/12/2008
		ARIA10-101120-01	ARIA11-100206-01	ARIA11-100327-01	ARIA11-100807-01	ARIA11-101120-01	ARIA521-080129-01	ARIA5210-080312-01	ARIA522-080129-01	ARIA523-080312-01
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
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PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
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PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA10	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA11	BLDG52IA52-1	BLDG52IA52-10	BLDG52IA52-2	BLDG52IA52-3
		11/20/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	1/29/2008	3/12/2008	1/29/2008	3/12/2008
		ARIA10-101120-01	ARIA11-100206-01	ARIA11-100327-01	ARIA11-100807-01	ARIA11-101120-01	ARIA521-080129-01	ARIA5210-080312-01	ARIA522-080129-01	ARIA523-080312-01
PCB-208										
PCB-209										

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA52-4	BLDG52IA52-5	BLDG52IA52-6	BLDG52IA52-7	BLDG52IA52-8	BLDG52IA52-9	BLDG52IA6	BLDG52IA6	BLDG52IA6
		3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	2/6/2010	2/6/2010	3/27/2010
		ARIA524-080312-01	ARIA525-080312-01	ARIA526-080312-01	ARIA527-080312-01	ARIA528-080312-01	ARIA529-080312-01	ARIA6-100206-01	ARIA6-100206-02	ARIA6-100327-01
VOCs										
Acetone	67-64-1									
Acetonitrile	75-05-8									
Acrolein	107-02-8									
Acrylonitrile	107-13-1									
Allyl Chloride	107-05-1									
Benzene	71-43-2							1.5	1.7	0.77
Benzyl Chloride	100-44-7									
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Butadiene, 1,3-	106-99-0									
Butane, n-	106-97-8									
Carbon Disulfide	75-15-0									
Carbon Tetrachloride	56-23-5									
Chlorobenzene	108-90-7									
Chlorodifluoromethane	75-45-6									
Chloroethane	75-00-3									
Chloroform	67-66-3							0.1 J	0.096 J	0.17 J
Chloromethane	74-87-3									
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Decane, n-	124-18-5									
Dibromochloromethane	124-48-1									
Dibromoethane, 1,2-	106-93-4									
Dibromomethane (Methylene Bromide)	74-95-3									
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2									
Dichlorobenzene, 1,2-	95-50-1							< 0.48	< 0.48	< 0.48
Dichlorobenzene, 1,3-	541-73-1									
Dichlorobenzene, 1,4-	106-46-7							< 0.48	< 0.48	< 0.48
Dichlorodifluoromethane	75-71-8									
Dichloroethane, 1,1-	75-34-3									
Dichloroethane, 1,2-	107-06-2									
Dichloroethene, 1,1-	75-35-4							< 0.32	< 0.32	< 0.32
Dichloroethylene, 1,2-cis-	156-59-2	< 0.12	< 0.14	< 0.15	< 0.14	< 0.15	< 0.14	< 0.32	< 0.32	< 0.32
Dichloroethylene, 1,2-trans-	156-60-5	< 0.59	< 0.69	< 0.76	< 0.72	< 0.74	< 0.68	< 0.32	< 0.32	< 0.32
Dichloropropane, 1,2-	78-87-5									
Dichloropropene, trans-1,3-	10061-02-6									
Dodecane, n-	112-40-3									
Ethyl Ether	60-29-7									
Ethylbenzene	100-41-4							1.8	2.5	1.5
Heptane, n-										
Hexachlorobutadiene	87-68-3									
Hexane, N-	110-54-3									
Hexanone, 2-	591-78-6									
Isopropylbenzene (Cumene)	98-82-8									
Methyl Ethyl Ketone (2-Butanone)	78-93-3									

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA52-4	BLDG52IA52-5	BLDG52IA52-6	BLDG52IA52-7	BLDG52IA52-8	BLDG52IA52-9	BLDG52IA6	BLDG52IA6	BLDG52IA6
		3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	2/6/2010	2/6/2010	3/27/2010
		ARIA524-080312-01	ARIA525-080312-01	ARIA526-080312-01	ARIA527-080312-01	ARIA528-080312-01	ARIA529-080312-01	ARIA6-100206-01	ARIA6-100206-02	ARIA6-100327-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1									
Methyl tert-Butyl Ether (MTBE)	1634-04-4									
Methylene Chloride	75-09-2									
Methylstyrene, Alpha-	98-83-9									
Naphthalene	91-20-3									
Nonane, n-	111-84-2									
Octane, n-	111-65-9									
Pentane, n-	109-66-0									
Propylbenzene, n-	103-65-1									
Styrene	100-42-5									
Tetrachloroethane, 1,1,2,2-	79-34-5									
Tetrachloroethene	127-18-4	0.58	0.63	0.65	0.47	0.56	0.46	0.39 J	0.42 J	1.3
Toluene	108-88-3							7.2	10	4.4
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1									
Trichlorobenzene, 1,2,4-	120-82-1									
Trichloroethane, 1,1,1-	71-55-6									
Trichloroethane, 1,1,2-	79-00-5									
Trichloroethene	79-01-6	0.18	0.5	0.49	< 0.2	< 0.2	< 0.18	0.1 J	0.11 J	0.42
Trichlorofluoromethane	75-69-4									
Trichlorotrifluoroethane, 1,1,2-										
Trimethylbenzene, 1,2,4-	95-63-6									
Trimethylbenzene, 1,3,5-	108-67-8									
Undecane, n-	1120-21-4									
Vinyl Acetate	108-05-4									
Vinyl Chloride	75-01-4	< 0.038	< 0.045	< 0.049	< 0.047	< 0.048	< 0.044	< 0.2	< 0.2	< 0.2
Xylene, o-	95-47-6							2	3.1	0.7
Xylenes, m & p								5.7	8.4	3.2
PCBs and Dioxins										
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
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PCB-017										
PCB-018										
PCB-019										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA52-4	BLDG52IA52-5	BLDG52IA52-6	BLDG52IA52-7	BLDG52IA52-8	BLDG52IA52-9	BLDG52IA6	BLDG52IA6	BLDG52IA6
		3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	2/6/2010	2/6/2010	3/27/2010
		ARIA524-080312-01	ARIA525-080312-01	ARIA526-080312-01	ARIA527-080312-01	ARIA528-080312-01	ARIA529-080312-01	ARIA6-100206-01	ARIA6-100206-02	ARIA6-100327-01
PCB-020										
PCB-021										
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PCB-065										
PCB-066										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA52-4	BLDG52IA52-5	BLDG52IA52-6	BLDG52IA52-7	BLDG52IA52-8	BLDG52IA52-9	BLDG52IA6	BLDG52IA6	BLDG52IA6
		3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	2/6/2010	2/6/2010	3/27/2010
		ARIA524-080312-01	ARIA525-080312-01	ARIA526-080312-01	ARIA527-080312-01	ARIA528-080312-01	ARIA529-080312-01	ARIA6-100206-01	ARIA6-100206-02	ARIA6-100327-01
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
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PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA52-4	BLDG52IA52-5	BLDG52IA52-6	BLDG52IA52-7	BLDG52IA52-8	BLDG52IA52-9	BLDG52IA6	BLDG52IA6	BLDG52IA6
		3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	2/6/2010	2/6/2010	3/27/2010
		ARIA524-080312-01	ARIA525-080312-01	ARIA526-080312-01	ARIA527-080312-01	ARIA528-080312-01	ARIA529-080312-01	ARIA6-100206-01	ARIA6-100206-02	ARIA6-100327-01
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
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PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA52-4	BLDG52IA52-5	BLDG52IA52-6	BLDG52IA52-7	BLDG52IA52-8	BLDG52IA52-9	BLDG52IA6	BLDG52IA6	BLDG52IA6
		3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	2/6/2010	2/6/2010	3/27/2010
		ARIA524-080312-01	ARIA525-080312-01	ARIA526-080312-01	ARIA527-080312-01	ARIA528-080312-01	ARIA529-080312-01	ARIA6-100206-01	ARIA6-100206-02	ARIA6-100327-01
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
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PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA52-4	BLDG52IA52-5	BLDG52IA52-6	BLDG52IA52-7	BLDG52IA52-8	BLDG52IA52-9	BLDG52IA6	BLDG52IA6	BLDG52IA6
		3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	2/6/2010	2/6/2010	3/27/2010
		ARIA524-080312-01	ARIA525-080312-01	ARIA526-080312-01	ARIA527-080312-01	ARIA528-080312-01	ARIA529-080312-01	ARIA6-100206-01	ARIA6-100206-02	ARIA6-100327-01
PCB-208										
PCB-209										

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7
		3/27/2010	8/6/2010	8/6/2010	11/20/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010
		ARIA6-100327-02	ARIA6-100806-01	ARIA6-100806-02	ARIA6-101120-01	ARIA6-101120-02	ARIA7-100206-01	ARIA7P-100206-02	ARIA7-100327-01	ARIA7P-100328-01
VOCs										
Acetone	67-64-1		28	29	15	15				
Acetonitrile	75-05-8		0.42 J	0.46 J	0.2 J	0.25 J				
Acrolein	107-02-8		2	1.7	1	0.99				
Acrylonitrile	107-13-1		< 1.7	< 1.7	< 0.73	< 0.73				
Allyl Chloride	107-05-1		< 0.25	< 0.25	< 1.7	< 1.7				
Benzene	71-43-2	0.49	0.52	0.52	1.5	1.4	0.99		0.66	
Benzyl Chloride	100-44-7		< 0.83	< 0.83	< 0.83	< 0.83				
Bromodichloromethane	75-27-4		< 0.54	< 0.54	< 0.54	< 0.54				
Bromoform	75-25-2		< 0.83	< 0.83	< 0.83	< 0.83				
Bromomethane	74-83-9		0.086 J	0.15 J	< 0.31	< 0.31				
Butadiene, 1,3-	106-99-0		< 0.35	< 0.35	< 0.35	< 0.35				
Butane, n-	106-97-8		2.2	2.1	8.8	6.4				
Carbon Disulfide	75-15-0		0.12 J	0.89	0.053 J	0.058 J				
Carbon Tetrachloride	56-23-5		0.47 J	0.46 J	0.58	0.61				
Chlorobenzene	108-90-7		< 0.37	< 0.37	< 0.28	< 0.28				
Chlorodifluoromethane	75-45-6		7.5	7.3	4.1	4.1				
Chloroethane	75-00-3		0.047 J	0.042 J	< 0.39	< 0.39				
Chloroform	67-66-3	0.14 J	0.25 J	0.25 J	0.14 J	0.15 J	0.28 J		0.18 J	
Chloromethane	74-87-3		1.2	1.4	0.97	1				
cis-1,3-Dichloropropene	10061-01-5		< 0.36	< 0.36	< 0.79	< 0.79				
Cyclohexane	110-82-7		0.17 J	0.23 J	0.45 J	0.42 J				
Decane, n-	124-18-5		0.73 J	0.61 J	0.77 J	0.8 J				
Dibromochloromethane	124-48-1		< 0.68	< 0.68	< 1.1	< 1.1				
Dibromoethane, 1,2-	106-93-4		< 0.61	< 0.61	< 0.61	< 0.61				
Dibromomethane (Methylene Bromide)	74-95-3		< 1.1	< 1.1	< 0.4	< 0.4				
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2		0.1 J	0.1 J	0.1 J	0.11 J				
Dichlorobenzene, 1,2-	95-50-1	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48		< 0.48	
Dichlorobenzene, 1,3-	541-73-1		< 0.48	< 0.48	< 0.48	< 0.48				
Dichlorobenzene, 1,4-	106-46-7	< 0.48	0.3 J	< 0.48	< 0.48	< 0.48	< 0.48		< 0.48	
Dichlorodifluoromethane	75-71-8		2.4	2.3	2.6	2.6				
Dichloroethane, 1,1-	75-34-3		< 0.32	< 0.32	< 0.32	< 0.32				
Dichloroethane, 1,2-	107-06-2		0.12 J	0.12 J	0.11 J	0.1 J				
Dichloroethene, 1,1-	75-35-4	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32		< 0.32	
Dichloroethylene, 1,2-cis-	156-59-2	< 0.32	< 0.32	< 0.32	< 0.36	< 0.36	< 0.32		< 0.32	
Dichloroethylene, 1,2-trans-	156-60-5	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32		< 0.32	
Dichloropropane, 1,2-	78-87-5		< 0.37	< 0.37	< 0.37	< 0.37				
Dichloropropene, trans-1,3-	10061-02-6		< 0.36	< 0.36	< 0.36	< 0.36				
Dodecane, n-	112-40-3		0.76 J	< 2.8	0.43 J	0.42 J				
Ethyl Ether	60-29-7		< 2.4	< 2.4	< 0.35	< 0.35				
Ethylbenzene	100-41-4	1.5	0.75	0.57	0.92	0.9	0.4		0.64	
Heptane, n-			0.83	0.86	1.8	1.8				
Hexachlorobutadiene	87-68-3		< 4.3	< 4.3	< 1.4	< 1.4				
Hexane, N-	110-54-3		7.4	4	3.6 B	3.2				
Hexanone, 2-	591-78-6		0.23 J	0.3 J	0.1 J	0.14 J				
Isopropylbenzene (Cumene)	98-82-8		< 0.79	< 0.79	< 1	< 1				
Methyl Ethyl Ketone (2-Butanone)	78-93-3		3	3.9	3.1	3.4				

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7
		3/27/2010	8/6/2010	8/6/2010	11/20/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010
		ARIA6-100327-02	ARIA6-100806-01	ARIA6-100806-02	ARIA6-101120-01	ARIA6-101120-02	ARIA7-100206-01	ARIA7P-100206-02	ARIA7-100327-01	ARIA7P-100328-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		0.23 J	0.36 J	0.17 J	0.21 J				
Methyl tert-Butyl Ether (MTBE)	1634-04-4		< 1.4	< 1.4	< 2.8	< 2.8				
Methylene Chloride	75-09-2		0.44 J B	0.43 J B	1.3 B	1.7 B				
Methylstyrene, Alpha-	98-83-9		< 0.77	< 0.77	< 0.77	< 0.77				
Naphthalene	91-20-3		0.24 J	< 1	< 0.82	< 0.82				
Nonane, n-	111-84-2		0.21 J	< 1	0.41 J	0.45 J				
Octane, n-	111-65-9		0.44 J	0.42 J	0.39 J	0.4 J				
Pentane, n-	109-66-0		0.84 J	3.5	2.7	2				
Propylbenzene, n-	103-65-1		< 0.79	< 0.79	0.25 J	0.23 J				
Styrene	100-42-5		0.25 J	< 0.34	0.24 J	0.21 J				
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.55	< 0.55	< 0.55	< 0.55				
Tetrachloroethene	127-18-4	< 0.54	0.38 J	0.4 J	0.22 J	0.33 J	0.34 J		0.13 J	
Toluene	108-88-3	1.5	1.8	1.8	4.1 B	3.7 B	2.6		1.9	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1		0.54 J	0.53 J						
Trichlorobenzene, 1,2,4-	120-82-1		< 3	< 3	< 3	< 3				
Trichloroethane, 1,1,1-	71-55-6		< 0.44	< 0.44	< 0.44	< 0.44				
Trichloroethane, 1,1,2-	79-00-5		< 0.44	< 0.44	< 0.61	< 0.61				
Trichloroethene	79-01-6	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	0.23		< 0.21	
Trichlorofluoromethane	75-69-4		1.5	1.6	1.5	1.4				
Trichlorotrifluoroethane, 1,1,2-					0.48 J	0.49 J				
Trimethylbenzene, 1,2,4-	95-63-6		0.49	0.31 J	1.2	1.1				
Trimethylbenzene, 1,3,5-	108-67-8		0.13 J	< 0.39	0.35	0.33 J				
Undecane, n-	1120-21-4		0.42 J	0.36 J	0.43 J	0.41 J				
Vinyl Acetate	108-05-4		< 1.4	< 1.4	< 1.4	< 1.4				
Vinyl Chloride	75-01-4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2	
Xylene, o-	95-47-6	0.87	0.67	0.35	0.92	0.89	0.39		0.5	
Xylenes, m & p		3.8	2.2	1.3	2.6	2.4	1.1		1.8	
PCBs and Dioxins										
PCB-001								2.1E-05		2.8E-05 S
PCB-002								7E-06		9.2E-06
PCB-003								1.7E-05		4.3E-05
PCB-004								5.1E-05		7.1E-05 S
PCB-005								2.6E-06		6.8E-06
PCB-006								3.2E-05		5E-05
PCB-007								7.9E-06		2.4E-05
PCB-008								0.00011 B		0.0002 BS
PCB-009								9.6E-06		1.6E-05 Q
PCB-010								3.4E-06 Q		3.3E-06 Q
PCB-011								0.00086 B		0.00082 B
PCB-012								1.2E-05 Q C		1.7E-05 C
PCB-013								1.2E-05 Q C		1.7E-05 C12
PCB-014								< 0.0869		< 0.109
PCB-015								2.2E-05 B		4.1E-05
PCB-016								5E-05		6.5E-05
PCB-017								5.3E-05		7E-05
PCB-018								0.00012 B C		0.00016 C
PCB-019								1.4E-05		1.6E-05

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7
		3/27/2010	8/6/2010	8/6/2010	11/20/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010
		ARIA6-100327-02	ARIA6-100806-01	ARIA6-100806-02	ARIA6-101120-01	ARIA6-101120-02	ARIA7-100206-01	ARIA7P-100206-02	ARIA7-100327-01	ARIA7P-100328-01
PCB-020								0.00011 B C		0.00013 B C
PCB-021								6.7E-05 B C		7.6E-05 C
PCB-022								3.4E-05 B		3.7E-05
PCB-023								< 0.0828		< 0.0467
PCB-024								1.3E-06 QJ		2.7E-06
PCB-025								8.3E-06		9E-06
PCB-026								1.9E-05 B C		2.3E-05 C
PCB-027								7.9E-06		9E-06
PCB-028								0.00011 B C		0.00013 B C
PCB-029								1.9E-05 B C		2.3E-05 C26
PCB-030								0.00012 B C		0.00016 C18
PCB-031								0.0001 B		0.00012 B
PCB-032								3.1E-05 B		3.7E-05
PCB-033								6.7E-05 B C		7.6E-05 C21
PCB-034								4.6E-07 QJ		3.5E-07 QJ
PCB-035								2.3E-06		1.7E-06 QJ
PCB-036								< 0.0809		< 0.0457
PCB-037								1.1E-05		1.1E-05
PCB-038								< 0.0854		< 0.0482
PCB-039								< 0.0759		< 0.0429
PCB-040								2.8E-05 C		2.4E-05 C
PCB-041								2.8E-05 C40		2.4E-05 C40
PCB-042								1.3E-05		1.2E-05
PCB-043								2.1E-06 Q C		1.6E-06 J C
PCB-044								6.4E-05 B C		6.8E-05 B C
PCB-045								1.6E-05 C		1.6E-05 C
PCB-046								4.6E-06 Q		3.6E-06
PCB-047								6.4E-05 B C		6.8E-05 B C
PCB-048								1.5E-05		1.3E-05
PCB-049								3.7E-05 B C		3.8E-05 C
PCB-050								1.2E-05 C		1.1E-05 C
PCB-051								1.6E-05 C45		1.6E-05 C45
PCB-052								0.00011 B		0.00012
PCB-053								1.2E-05 C50		1.1E-05 C50
PCB-054								< 0.105		< 0.128
PCB-055								< 0.0875		< 0.0496
PCB-056								1.1E-05		8.1E-06
PCB-057								< 0.0833		< 0.0472
PCB-058								2.6E-07 J		< 0.047
PCB-059								4.1E-06 C		3.4E-06 C
PCB-060								6.1E-06		4.8E-06
PCB-061								6.6E-05 B C		7E-05 C
PCB-062								4.1E-06 C59		3.4E-06 C59
PCB-063								1.2E-06 J		7.7E-07 J
PCB-064								2E-05 B		1.9E-05
PCB-065								6.4E-05 B C		6.8E-05 B C
PCB-066								2.6E-05 B		2.4E-05

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7
		3/27/2010	8/6/2010	8/6/2010	11/20/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010
		ARIA6-100327-02	ARIA6-100806-01	ARIA6-100806-02	ARIA6-101120-01	ARIA6-101120-02	ARIA7-100206-01	ARIA7P-100206-02	ARIA7-100327-01	ARIA7P-100328-01
PCB-067								1E-06 J		5.2E-07 QJ
PCB-068								< 0.0755		2.9E-07 QJ
PCB-069								3.7E-05 B C		3.8E-05 C49
PCB-070								6.6E-05 B C		7E-05 C61
PCB-071								2.8E-05 C40		2.4E-05 C40
PCB-072								< 0.0811		< 0.0459
PCB-073								2.1E-06 Q C		1.6E-06 J C
PCB-074								6.6E-05 B C		7E-05 C61
PCB-075								4.1E-06 C59		3.4E-06 C59
PCB-076								6.6E-05 B C		7E-05 C61
PCB-077	32598-13-3							1E-06 QJ		7E-07 QJ
PCB-078								< 0.0861		< 0.0488
PCB-079								3.7E-07 QJ		< 0.0428
PCB-080								< 0.0738		< 0.0418
PCB-081	70362-50-4							< 0.08		< 0.0439
PCB-082								4.5E-06		3.8E-06
PCB-083								2.7E-05 C		2.9E-05 C
PCB-084								1.8E-05		1.8E-05
PCB-085								6.7E-06 C		6.4E-06 C
PCB-086								3.2E-05 C		3.7E-05 C
PCB-087								3.2E-05 C86		3.7E-05 C86
PCB-088								8.3E-06 C		8.1E-06 C
PCB-089								< 0.113		< 0.11
PCB-090								6E-05 B C		7.2E-05 C
PCB-091								8.3E-06 C88		8.1E-06 C88
PCB-092								9.6E-06		9.8E-06
PCB-093								< 0.101		< 0.0975
PCB-094								< 0.113		< 0.11
PCB-095								6.9E-05 B		8.2E-05
PCB-096								< 0.0848		< 0.0821
PCB-097								3.2E-05 C86		3.7E-05 C86
PCB-098								1.8E-06 J C		1.4E-06 J C
PCB-099								2.7E-05 C83		2.9E-05 C83
PCB-100								< 0.101		< 0.0975
PCB-101								6E-05 B C		7.2E-05 C90
PCB-102								1.8E-06 J C		1.4E-06 J C
PCB-103								< 0.0994		< 0.0962
PCB-104								< 0.0755		< 0.0732
PCB-105	32598-14-4							9.3E-06		9.5E-06
PCB-106								1.9E-06 J		6.7E-07 J
PCB-107								1.2E-06 QJ		1.1E-06 J C
PCB-108								3.2E-05 C86		3.7E-05 C86
PCB-109								1.2E-06 QJ		1.3E-06 QJ
PCB-110								4.7E-05 B C		5.6E-05 C
PCB-111								< 0.071		< 0.0688
PCB-112								< 0.0771		< 0.0747
PCB-113								6E-05 B C		7.2E-05 C90

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7
		3/27/2010	8/6/2010	8/6/2010	11/20/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010
		ARIA6-100327-02	ARIA6-100806-01	ARIA6-100806-02	ARIA6-101120-01	ARIA6-101120-02	ARIA7-100206-01	ARIA7P-100206-02	ARIA7-100327-01	ARIA7P-100328-01
PCB-114	74472-37-0							< 0.0597		4E-07 QJ
PCB-115								4.7E-05 B C		5.6E-05 C11
PCB-116								6.7E-06 C85		6.4E-06 C85
PCB-117								6.7E-06 C85		6.4E-06 C85
PCB-118	31508-00-6							2.7E-05		3E-05
PCB-119								3.2E-05 C86		3.7E-05 C86
PCB-120								< 0.073		< 0.0707
PCB-121								< 0.0736		< 0.0713
PCB-122								< 0.0747		< 0.0478
PCB-123	65510-44-3							2.3E-07 QJ		4.2E-07 J
PCB-124								1.2E-06 QJ		1.1E-06 J C
PCB-125								3.2E-05 C86		3.7E-05 C86
PCB-126	57465-28-8							< 0.0721		< 0.0428
PCB-127								< 0.0678		< 0.0434
PCB-128								2.2E-06 C		2.2E-06 C
PCB-129								2.1E-05 B C		2E-05 C
PCB-130								1.3E-06 J		1.1E-06 J
PCB-131								< 0.105		3.4E-07 QJ
PCB-132								1.1E-05		8.7E-06 Q
PCB-133								< 0.0967		< 0.068
PCB-134								2.4E-06 C		1.3E-06 J C
PCB-135								1.4E-05 C		1.4E-05 C
PCB-136								7.9E-06		8E-06
PCB-137								8.6E-07 QJ		5.3E-07 QJ
PCB-138								2.1E-05 B C		2E-05 C12
PCB-139								4.8E-07 QJ		< 0.0621
PCB-140								4.8E-07 QJ		< 0.0621
PCB-141								5.6E-06		3.4E-06
PCB-142								< 0.101		< 0.0713
PCB-143								2.4E-06 C13		1.3E-06 J C
PCB-144								2.3E-06 Q		1.9E-06
PCB-145								< 0.0563		< 0.0559
PCB-146								3.3E-06		2.6E-06
PCB-147								3E-05 C		2.8E-05 C
PCB-148								< 0.0788		< 0.0781
PCB-149								3E-05 C14		2.8E-05 C14
PCB-150								< 0.0549		< 0.0544
PCB-151								1.4E-05 C13		1.4E-05 C13
PCB-152								< 0.056		< 0.0555
PCB-153								2.1E-05 B C		1.9E-05 C
PCB-154								5E-07 J		< 0.0647
PCB-155								< 0.0534		< 0.0529
PCB-156								8.5E-07 QJ		7.4E-07 QJ
PCB-157	69782-90-7							8.5E-07 QJ		7.4E-07 QJ
PCB-158								1.7E-06 QJ		1.8E-06 J
PCB-159								< 0.0674		< 0.0474
PCB-160								2.1E-05 B C		2E-05 C12

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7
		3/27/2010	8/6/2010	8/6/2010	11/20/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010
		ARIA6-100327-02	ARIA6-100806-01	ARIA6-100806-02	ARIA6-101120-01	ARIA6-101120-02	ARIA7-100206-01	ARIA7P-100206-02	ARIA7-100327-01	ARIA7P-100328-01
PCB-161								< 0.0671		< 0.0472
PCB-162								< 0.0666		< 0.0468
PCB-163								2.1E-05 B C		2E-05 C12
PCB-164								1.3E-06 J		9.4E-07 J
PCB-165								< 0.0738		< 0.0519
PCB-166								2.2E-06 C12		2.2E-06 C12
PCB-167	52663-72-6							3.8E-07 J		< 0.0374
PCB-168								2.1E-05 B C		1.9E-05 C15
PCB-169	32774-16-6							< 0.0566		< 0.0331
PCB-170								1.4E-06 J		8.5E-07 J
PCB-171								5.7E-07 J C		4.7E-07 J C
PCB-172								< 0.0585		< 0.0541
PCB-173								5.7E-07 J C		4.7E-07 J C
PCB-174								2.7E-06 Q		2E-06
PCB-175								< 0.0526		< 0.0486
PCB-176								6.7E-07 QJ		4.7E-07 QJ
PCB-177								1.5E-06 QJ		8.4E-07 QJ
PCB-178								7.1E-07 QJ		4.7E-07 QJ
PCB-179								2.9E-06		2E-06
PCB-180								4.5E-06 C		2.6E-06 C
PCB-181								< 0.0525		< 0.0486
PCB-182								< 0.051		< 0.0472
PCB-183								2.4E-06 C		1.3E-06 J C
PCB-184								< 0.0433		< 0.0401
PCB-185								2.4E-06 C18		1.3E-06 J C
PCB-186								< 0.0421		< 0.039
PCB-187								4.4E-06		2.5E-06 Q
PCB-188								< 0.0371		< 0.0372
PCB-189	39635-31-9							< 0.036		< 0.0275
PCB-190								< 0.0407		< 0.0377
PCB-191								< 0.04		< 0.037
PCB-192								< 0.0447		< 0.0414
PCB-193								4.5E-06 C18		2.6E-06 C18
PCB-194								< 0.0409		< 0.0266
PCB-195								< 0.0443		< 0.0289
PCB-196								< 0.0471		< 0.0407
PCB-197								< 0.035		< 0.0303
PCB-198								7.6E-07 J C		3.4E-07 QJ
PCB-199								7.6E-07 J C		3.4E-07 QJ
PCB-200								< 0.0344		< 0.0297
PCB-201								< 0.0332		< 0.0287
PCB-202								< 0.0374		< 0.0323
PCB-203								5.1E-07 QJ		< 0.0375
PCB-204								< 0.0364		< 0.0315
PCB-205								< 0.0344		< 0.0224
PCB-206								< 0.0475		< 0.0586
PCB-207								< 0.0331		< 0.0434

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA6	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7
		3/27/2010	8/6/2010	8/6/2010	11/20/2010	11/20/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010
		ARIA6-100327-02	ARIA6-100806-01	ARIA6-100806-02	ARIA6-101120-01	ARIA6-101120-02	ARIA7-100206-01	ARIA7P-100206-02	ARIA7-100327-01	ARIA7P-100328-01
PCB-208								< 0.0339		< 0.0464
PCB-209								< 0.0359		< 0.0352

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8
		8/7/2010	8/8/2010	11/20/2010	11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/7/2010
		ARIA7-100807-01	ARIA7P-100808-01	ARIA7-101120-01	ARIA7P-101121-01	ARIA8-100206-01	ARIA8P-100206-02	ARIA8-100327-01	ARIA8P-100328-01	ARIA8-100807-01
VOCs										
Acetone	67-64-1	33		27						25
Acetonitrile	75-05-8	0.3 J		0.22 J						0.28 J
Acrolein	107-02-8	2.9		1.6						2.3
Acrylonitrile	107-13-1	< 1.7		< 0.73						< 1.7
Allyl Chloride	107-05-1	< 0.25		< 1.7						< 0.25
Benzene	71-43-2	0.62		1.5		0.89		0.46		0.44
Benzyl Chloride	100-44-7	< 0.83		< 0.83						< 0.83
Bromodichloromethane	75-27-4	< 0.54		< 0.54						< 0.54
Bromoform	75-25-2	< 0.83		< 0.83						< 0.83
Bromomethane	74-83-9	0.13 J		0.065 J						< 0.31
Butadiene, 1,3-	106-99-0	< 0.35		< 0.35						< 0.35
Butane, n-	106-97-8	3.4		7.2						1.7
Carbon Disulfide	75-15-0	0.49 J		0.055 J						0.053 J
Carbon Tetrachloride	56-23-5	0.47 J		0.59						0.47 J
Chlorobenzene	108-90-7	< 0.37		< 0.28						< 0.37
Chlorodifluoromethane	75-45-6	7		4						10
Chloroethane	75-00-3	< 0.21		< 0.39						< 0.21
Chloroform	67-66-3	0.19 J		0.14 J		0.1 J		0.11 J		0.23 J
Chloromethane	74-87-3	1.3		1						1.1
cis-1,3-Dichloropropene	10061-01-5	< 0.36		< 0.79						< 0.36
Cyclohexane	110-82-7	0.27 J		0.43 J						0.13 J
Decane, n-	124-18-5	1.5 J		1.2 J						0.66 J
Dibromochloromethane	124-48-1	< 0.68		< 1.1						< 0.68
Dibromoethane, 1,2-	106-93-4	< 0.61		< 0.61						< 0.61
Dibromomethane (Methylene Bromide)	74-95-3	< 1.1		< 0.4						< 1.1
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2	0.11 J		0.11 J						< 0.56
Dichlorobenzene, 1,2-	95-50-1	< 0.48		< 0.48		< 0.48		0.26 J		< 0.48
Dichlorobenzene, 1,3-	541-73-1	< 0.48		< 0.48						< 0.48
Dichlorobenzene, 1,4-	106-46-7	0.32 J		< 0.48		< 0.48		< 0.48		< 0.48
Dichlorodifluoromethane	75-71-8	2.3		2.6						2.4
Dichloroethane, 1,1-	75-34-3	< 0.32		< 0.32						< 0.32
Dichloroethane, 1,2-	107-06-2	0.24 J		0.11 J						0.12 J
Dichloroethene, 1,1-	75-35-4	< 0.32		< 0.32		< 0.32		< 0.32		< 0.32
Dichloroethylene, 1,2-cis-	156-59-2	< 0.32		< 0.36		< 0.32		< 0.32		< 0.32
Dichloroethylene, 1,2-trans-	156-60-5	< 0.32		< 0.32		< 0.32		< 0.32		< 0.32
Dichloropropane, 1,2-	78-87-5	< 0.37		< 0.37						< 0.37
Dichloropropene, trans-1,3-	10061-02-6	< 0.36		< 0.36						< 0.36
Dodecane, n-	112-40-3	0.78 J		0.35 J						0.9 J
Ethyl Ether	60-29-7	< 2.4		< 0.35						< 2.4
Ethylbenzene	100-41-4	0.71		0.97		0.4		0.14 J		0.34 J
Heptane, n-		0.67 J		1.7						0.64 J
Hexachlorobutadiene	87-68-3	< 4.3		< 1.4						< 4.3
Hexane, N-	110-54-3	6		1.9						0.94
Hexanone, 2-	591-78-6	0.47 J		0.35 J						0.25 J
Isopropylbenzene (Cumene)	98-82-8	< 0.79		< 1						< 0.79
Methyl Ethyl Ketone (2-Butanone)	78-93-3	4.5		4.4						3.1

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8
		8/7/2010	8/8/2010	11/20/2010	11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/7/2010
		ARIA7-100807-01	ARIA7P-100808-01	ARIA7-101120-01	ARIA7P-101121-01	ARIA8-100206-01	ARIA8P-100206-02	ARIA8-100327-01	ARIA8P-100328-01	ARIA8-100807-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	0.4 J		0.28 J						0.24 J
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 1.4		< 2.8						< 1.4
Methylene Chloride	75-09-2	0.6 J B		1.3 B						0.48 J B
Methylstyrene, Alpha-	98-83-9	< 0.77		< 0.77						< 0.77
Naphthalene	91-20-3	0.23 J		< 0.82						0.2 J
Nonane, n-	111-84-2	0.38 J		0.52 J						0.15 J
Octane, n-	111-65-9	0.43 J		0.38 J						0.35 J
Pentane, n-	109-66-0	1.4		2.1						3
Propylbenzene, n-	103-65-1	< 0.79		0.27 J						< 0.79
Styrene	100-42-5	0.52		0.27 J						0.13 J
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.55		< 0.55						< 0.55
Tetrachloroethene	127-18-4	3.2		0.35 J		0.34 J		< 0.54		0.28 J
Toluene	108-88-3	2.2		3.9 B		2.4		0.72		1.3
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	0.54 J								0.54 J
Trichlorobenzene, 1,2,4-	120-82-1	< 3		< 3						< 3
Trichloroethane, 1,1,1-	71-55-6	< 0.44		< 0.44						< 0.44
Trichloroethane, 1,1,2-	79-00-5	< 0.44		< 0.61						< 0.44
Trichloroethene	79-01-6	< 0.21		0.078 J		0.21 J		< 0.21		< 0.21
Trichlorofluoromethane	75-69-4	1.6		1.2						1.6
Trichlorotrifluoroethane, 1,1,2-				0.48 J						
Trimethylbenzene, 1,2,4-	95-63-6	0.71		1.3						0.35 J
Trimethylbenzene, 1,3,5-	108-67-8	0.2 J		0.39 J						< 0.39
Undecane, n-	1120-21-4	0.82 J		0.47 J						0.28 J
Vinyl Acetate	108-05-4	< 1.4		< 1.4						< 1.4
Vinyl Chloride	75-01-4	< 0.2		< 0.2		< 0.2		< 0.2		< 0.2
Xylene, o-	95-47-6	0.6		1		0.37		0.11 J		0.32 J
Xylenes, m & p		1.8		2.7		1.1		0.37		1.1
PCBs and Dioxins										
PCB-001			6.9E-06 BS		1.4E-05 BS		2.5E-05		1.4E-05 S	
PCB-002			2.4E-06 BJ		5.1E-06 QB		7.6E-06		5.9E-06	
PCB-003			4.3E-06		1.2E-05 Q		2.9E-05		1.2E-05	
PCB-004			1.8E-05 QS		4.4E-05 BS		4.8E-05 S		4.2E-05 S	
PCB-005			8.5E-07 QJS		4.8E-06 QB		2.9E-06		2.9E-06 Q	
PCB-006			9.6E-06 Q		5.7E-05 B		3.3E-05		3.1E-05	
PCB-007			2.5E-06 QJ		1.3E-05 QB		1.6E-05		6.8E-06 Q	
PCB-008			2.7E-05 B		0.00016 BS		0.00015 B		0.00011 B	
PCB-009			2.8E-06 J		1.6E-05		1.2E-05		9.5E-06 Q	
PCB-010			8.7E-07 QJ		2.7E-06 QJS		4.2E-06		2.1E-06 Q	
PCB-011			0.00043 B		0.00142 B		0.00078 B		0.00099 B	
PCB-012			5E-06 QB		2.9E-05 C		1.5E-05 C		1E-05 C	
PCB-013			5E-06 QB		2.9E-05 C12		1.5E-05 C12		1E-05 C12	
PCB-014			< 0.284		< 0.212		< 0.0962		< 0.0536	
PCB-015			6.1E-06 B		4.3E-05 BS		3.3E-05 B		2.5E-05	
PCB-016			6.5E-06 Q		5.9E-05 B		5.4E-05		3.8E-05	
PCB-017			9.2E-06		6.7E-05 B		5.9E-05		4.3E-05	
PCB-018			2E-05 B C		0.00015 B C		0.00014 B C		9.7E-05 C	
PCB-019			2.2E-06 J		1.3E-05		1.5E-05		1E-05	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8
		8/7/2010	8/8/2010	11/20/2010	11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/7/2010
		ARIA7-100807-01	ARIA7P-100808-01	ARIA7-101120-01	ARIA7P-101121-01	ARIA8-100206-01	ARIA8P-100206-02	ARIA8-100327-01	ARIA8P-100328-01	ARIA8-100807-01
PCB-020			2.1E-05 B C		0.00017 B C		0.00013 B C		7E-05 B C	
PCB-021			1.3E-05 B C		0.00011 B C		8E-05 B C		4.2E-05 C	
PCB-022			6.5E-06 B		5.4E-05 B		3.9E-05 B		2.2E-05	
PCB-023			< 0.0893		< 0.13		< 0.119		< 0.0459	
PCB-024			< 0.137		1.8E-06 QJ		1.4E-06 QJ		1.6E-06 QJ	
PCB-025			1.5E-06 J		1.3E-05 B		1.2E-05		5.9E-06	
PCB-026			3.1E-06 J C		2.9E-05 B C		2.4E-05 B C		1.3E-05 C	
PCB-027			1.4E-06 J		8.9E-06		8.6E-06		5.7E-06	
PCB-028			2.1E-05 B C		0.00017 B C		0.00013 B C		7E-05 B C	
PCB-029			3.1E-06 J C		2.9E-05 B C		2.4E-05 B C		1.3E-05 C26	
PCB-030			2E-05 B C		0.00015 B C		0.00014 B C		9.7E-05 C18	
PCB-031			2E-05 B		0.00017 B		0.00013 B		6.7E-05 B	
PCB-032			4.4E-06		4E-05 B		3.3E-05 B		2.3E-05	
PCB-033			1.3E-05 B C		0.00011 B C		8E-05 B C		4.2E-05 C21	
PCB-034			< 0.0879		< 0.128		6E-07 QJ		< 0.0462	
PCB-035			4.4E-07 QJ		2.7E-06 J		3E-06		2E-06	
PCB-036			< 0.0873		< 0.127		2.6E-06		3.7E-07 QJ	
PCB-037			1.7E-06 BJ		1.7E-05 B		1.4E-05		6.9E-06	
PCB-038			< 0.0921		< 0.134		< 0.123		< 0.0487	
PCB-039			< 0.0818		< 0.12		7.5E-07 QJ		< 0.0512	
PCB-040			5.8E-06 C		4.6E-05 B C		3.3E-05 C		1.6E-05 C	
PCB-041			5.8E-06 C40		4.6E-05 B C		3.3E-05 C40		1.6E-05 C40	
PCB-042			2.8E-06 J		2.2E-05		1.5E-05		7.3E-06	
PCB-043			< 0.108		5.6E-06 Q C		2.1E-06 Q C		1.6E-06 J C	
PCB-044			1.6E-05 B C		0.00013 B C		0.00012 B C		4.3E-05 B C	
PCB-045			3.6E-06 C		2.6E-05 B C		2.7E-05 C		1.1E-05 C	
PCB-046			1.1E-06 J		7.8E-06		4.6E-06		3.3E-06	
PCB-047			1.6E-05 B C		0.00013 B C		0.00012 B C		4.3E-05 B C	
PCB-048			3.4E-06		2.5E-05 B		1.7E-05		8.9E-06	
PCB-049			8.7E-06 B C		7.3E-05 B C		6E-05 B C		2.3E-05 C	
PCB-050			2.1E-06 QJ		2E-05 C		1.4E-05 C		7.1E-06 C	
PCB-051			3.6E-06 C45		2.6E-05 B C		2.7E-05 C45		1.1E-05 C45	
PCB-052			2.8E-05 B		0.00024 B		0.00023 B		7.2E-05	
PCB-053			2.1E-06 QJ		2E-05 C50		1.4E-05 C50		7.1E-06 C50	
PCB-054			< 0.118		< 0.138		< 0.15		< 0.116	
PCB-055			< 0.0899		7.6E-07 QJ		6.1E-07 QJ		3.9E-07 J	
PCB-056			2E-06 J		1.4E-05 B		1.4E-05		7.2E-06	
PCB-057			< 0.0856		< 0.123		< 0.0795		< 0.0538	
PCB-058			< 0.0851		< 0.123		< 0.0791		< 0.0536	
PCB-059			7.7E-07 QJ		7.7E-06 C		4.8E-06 C		2.8E-06 C	
PCB-060			1.2E-06 QJ		8.4E-06 B		8.9E-06		4.7E-06	
PCB-061			1.4E-05 B C		0.00011 B C		0.00014 B C		4.6E-05 C	
PCB-062			7.7E-07 QJ		7.7E-06 C59		4.8E-06 C59		2.8E-06 C59	
PCB-063			< 0.0793		1.7E-06 J		1.8E-06 Q		8.2E-07 QJ	
PCB-064			3.9E-06 QB		< 0.113		3.1E-05 B		1.2E-05	
PCB-065			1.6E-05 B C		0.00013 B C		0.00012 B C		4.3E-05 B C	
PCB-066			4.9E-06 B		3.8E-05 B		4E-05 B		1.7E-05	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8
		8/7/2010	8/8/2010	11/20/2010	11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/7/2010
		ARIA7-100807-01	ARIA7P-100808-01	ARIA7-101120-01	ARIA7P-101121-01	ARIA8-100206-01	ARIA8P-100206-02	ARIA8-100327-01	ARIA8P-100328-01	ARIA8-100807-01
PCB-067			< 0.0769		< 0.111		9.9E-07 QJ		5.8E-07 QJ	
PCB-068			< 0.0775		< 0.112		3.1E-06		1.3E-06 J	
PCB-069			8.7E-06 B C		7.3E-05 B C		6E-05 B C		2.3E-05 C49	
PCB-070			1.4E-05 B C		0.00011 B C		0.00014 B C		4.6E-05 C61	
PCB-071			5.8E-06 C40		4.6E-05 B C		3.3E-05 C40		1.6E-05 C40	
PCB-072			< 0.0832		< 0.12		< 0.0773		< 0.0524	
PCB-073			< 0.108		5.6E-06 Q C		2.1E-06 Q C		1.6E-06 J C	
PCB-074			1.4E-05 B C		0.00011 B C		0.00014 B C		4.6E-05 C61	
PCB-075			7.7E-07 QJ		7.7E-06 C59		4.8E-06 C59		2.8E-06 C59	
PCB-076			1.4E-05 B C		0.00011 B C		0.00014 B C		4.6E-05 C61	
PCB-077	32598-13-3		< 0.0869		1.1E-06 QJ		9.1E-07 QJ		7.4E-07 QJ	
PCB-078			< 0.0884		< 0.127		< 0.0821		< 0.0556	
PCB-079			< 0.0776		1E-06 QJ		< 0.0721		4.1E-07 QJ	
PCB-080			< 0.0758		< 0.109		< 0.0704		< 0.0477	
PCB-081	70362-50-4		< 0.0743		< 0.115		< 0.0749		< 0.0494	
PCB-082			< 0.138		6.2E-06		8.6E-06 Q		4.9E-06	
PCB-083			4.6E-06 Q C		3.6E-05 B C		6.5E-05 C		2.2E-05 C	
PCB-084			2.9E-06 QJ		2.7E-05		4E-05		1.2E-05 Q	
PCB-085			9E-07 QJ		8.2E-06 B C		1.4E-05 Q C		5.7E-06 Q C	
PCB-086			6.3E-06 C		4.1E-05 B C		7.3E-05 C		3E-05 C	
PCB-087			6.3E-06 C86		4.1E-05 B C		7.3E-05 C86		3E-05 C86	
PCB-088			1.2E-06 QJ		1.3E-05 C		2.1E-05 C		6.7E-06 C	
PCB-089			< 0.128		1E-06 J		1.1E-06 QJ		< 0.111	
PCB-090			1.1E-05 B C		0.00011 B C		0.00014 B C		5.2E-05 C	
PCB-091			1.2E-06 QJ		1.3E-05 C88		2.1E-05 C88		6.7E-06 C88	
PCB-092			1.7E-06 J		1.6E-05		2.3E-05		8.1E-06	
PCB-093			< 0.113		1.3E-06 QJ		8.2E-07 J C		< 0.099	
PCB-094			< 0.127		< 0.161		< 0.168		< 0.111	
PCB-095			1.5E-05		0.00015 B		0.00014 B		5.1E-05	
PCB-096			< 0.0954		9.3E-07 QJ		1.1E-06 QJ		< 0.0833	
PCB-097			6.3E-06 C86		4.1E-05 B C		7.3E-05 C86		3E-05 C86	
PCB-098			< 0.11		2.9E-06 QJ		4E-06 C		1.6E-06 J C	
PCB-099			4.6E-06 Q C		3.6E-05 B C		6.5E-05 C83		2.2E-05 C83	
PCB-100			< 0.113		1.3E-06 QJ		8.2E-07 J C		< 0.099	
PCB-101			1.1E-05 B C		0.00011 B C		0.00014 B C		5.2E-05 C90	
PCB-102			< 0.11		2.9E-06 QJ		4E-06 C98		1.6E-06 J C	
PCB-103			< 0.112		< 0.141		< 0.148		< 0.0977	
PCB-104			< 0.085		< 0.107		< 0.112		< 0.0743	
PCB-105	32598-14-4		1.9E-06 J		6.9E-06 QB		1.2E-05		8.6E-06	
PCB-106			< 0.0682		1.1E-06 J		< 0.0666		3.8E-07 J	
PCB-107			< 0.0696		8.2E-07 J C		2E-06 C		1.1E-06 J C	
PCB-108			6.3E-06 C86		4.1E-05 B C		7.3E-05 C86		3E-05 C86	
PCB-109			< 0.0662		1E-06 QJ		2.9E-06		1.7E-06 J	
PCB-110			1E-05 B C		6.1E-05 B C		9.8E-05 B C		4.4E-05 C	
PCB-111			< 0.0798		< 0.101		< 0.105		< 0.0698	
PCB-112			< 0.0867		< 0.11		< 0.115		< 0.0758	
PCB-113			1.1E-05 B C		0.00011 B C		0.00014 B C		5.2E-05 C90	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8
		8/7/2010	8/8/2010	11/20/2010	11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/7/2010
		ARIA7-100807-01	ARIA7P-100808-01	ARIA7-101120-01	ARIA7P-101121-01	ARIA8-100206-01	ARIA8P-100206-02	ARIA8-100327-01	ARIA8P-100328-01	ARIA8-100807-01
PCB-114	74472-37-0		< 0.0612		< 0.085		9.7E-07 J		6.6E-07 J	
PCB-115			1E-05 B C		6.1E-05 B C		9.8E-05 B C		4.4E-05 C11	
PCB-116			9E-07 QJ		8.2E-06 B C		1.4E-05 Q C		5.7E-06 Q C	
PCB-117			9E-07 QJ		8.2E-06 B C		1.4E-05 Q C		5.7E-06 Q C	
PCB-118	31508-00-6		7.1E-06 B		2.4E-05 B		4.4E-05		2.3E-05	
PCB-119			6.3E-06 C86		4.1E-05 B		7.3E-05 C86		3E-05 C86	
PCB-120			< 0.0822		< 0.104		< 0.109		< 0.0718	
PCB-121			< 0.0828		< 0.105		< 0.109		< 0.0724	
PCB-122			< 0.0743		< 0.111		4.9E-07 J		< 0.0522	
PCB-123	65510-44-3		< 0.0654		< 0.0989		6.1E-07 J		3.5E-07 J	
PCB-124			< 0.0696		8.2E-07 J C		2E-06 C10		1.1E-06 J C	
PCB-125			6.3E-06 C86		4.1E-05 B C		7.3E-05 C86		3E-05 C86	
PCB-126	57465-28-8		< 0.0791		< 0.121		< 0.0664		< 0.0464	
PCB-127			< 0.0674		< 0.101		< 0.0658		< 0.0473	
PCB-128			6.9E-07 QJ		3E-06 J C		1.6E-06 QJ		2.7E-06 C	
PCB-129			6.9E-06 C		3.4E-05 B C		2.1E-05 B C		1.9E-05 C	
PCB-130			< 0.116		1.8E-06 QJ		1.3E-06 J		1.3E-06 QJ	
PCB-131			< 0.119		< 0.15		4.5E-07 QJ		5.1E-07 QJ	
PCB-132			2.8E-06 QJ		1.6E-05 B		1.3E-05		9.9E-06	
PCB-133			< 0.109		< 0.138		3.2E-07 J		< 0.0881	
PCB-134			< 0.117		3E-06 J C		2.6E-06 C		2E-06 Q C	
PCB-135			2.4E-06 QJ		2.8E-05 B C		1.8E-05 C		1.2E-05 C	
PCB-136			1.5E-06 QJ		1.8E-05		9.6E-06		5.7E-06	
PCB-137			< 0.1		1.3E-06 J		1.3E-06 J		1.3E-06 J	
PCB-138			6.9E-06 C12		3.4E-05 B C		2.1E-05 B C		1.9E-05 C12	
PCB-139			< 0.0999		6.4E-07 QJ		8.6E-07 J C		< 0.0804	
PCB-140			< 0.0999		6.4E-07 QJ		8.6E-07 J C		< 0.0804	
PCB-141			1.3E-06 J		8.2E-06 B		5.3E-06		4.5E-06 Q	
PCB-142			< 0.115		< 0.144		< 0.0978		< 0.0923	
PCB-143			< 0.117		3E-06 J C		2.6E-06 C13		2E-06 Q C	
PCB-144			< 0.0934		4E-06		3.6E-06		2E-06 Q	
PCB-145			< 0.0706		< 0.0721		< 0.0626		< 0.0749	
PCB-146			7.2E-07 QJ		5.1E-06		3.7E-06		3.1E-06	
PCB-147			8E-06 B C		5.7E-05 B C		3.4E-05 C		2.4E-05 C	
PCB-148			< 0.0987		< 0.101		< 0.0876		< 0.105	
PCB-149			8E-06 B C		5.7E-05 B C		3.4E-05 C14		2.4E-05 C14	
PCB-150			< 0.0688		< 0.0703		< 0.061		< 0.073	
PCB-151			2.4E-06 QJ		2.8E-05 B C		1.8E-05 C13		1.2E-05 C13	
PCB-152			< 0.0702		< 0.0717		< 0.0622		< 0.0745	
PCB-153			6.1E-06 B C		3.5E-05 B C		2E-05 B C		1.6E-05 C	
PCB-154			< 0.0818		< 0.0836		2.8E-07 QJ		< 0.0868	
PCB-155			< 0.0669		< 0.0683		< 0.0594		< 0.071	
PCB-156			< 0.0914		1.2E-06 QJ		7.3E-07 QJ		1.5E-06 J C	
PCB-157	69782-90-7		< 0.0914		1.2E-06 QJ		7.3E-07 QJ		1.5E-06 J C	
PCB-158			5.5E-07 J		3.1E-06 J		2.1E-06		2.1E-06	
PCB-159			< 0.0763		< 0.0961		< 0.065		< 0.0614	
PCB-160			6.9E-06 C12		3.4E-05 B C		2.1E-05 B C		1.9E-05 C12	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8
		8/7/2010	8/8/2010	11/20/2010	11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/7/2010
		ARIA7-100807-01	ARIA7P-100808-01	ARIA7-101120-01	ARIA7P-101121-01	ARIA8-100206-01	ARIA8P-100206-02	ARIA8-100327-01	ARIA8P-100328-01	ARIA8-100807-01
PCB-161			< 0.0759		< 0.0956		< 0.0647		< 0.0611	
PCB-162			< 0.0754		< 0.0949		< 0.0642		< 0.0607	
PCB-163			6.9E-06 C12		3.4E-05 B C		1.1E-05 B C		1.9E-05 C12	
PCB-164			< 0.0794		1.8E-06 QJ		1.2E-06 J		1.5E-06 J	
PCB-165			< 0.0835		< 0.105		< 0.0712		< 0.0672	
PCB-166			6.9E-07 QJ		3E-06 J C		1.6E-06 QJ		2.7E-06 C12	
PCB-167	52663-72-6		< 0.0545		4.4E-07 QJ		3.4E-07 J		4.9E-07 J	
PCB-168			6.1E-06 B C		3.5E-05 B C		2E-05 B C		1.6E-05 C15	
PCB-169	32774-16-6		< 0.0658		< 0.0929		< 0.057		< 0.0454	
PCB-170			< 0.0848		3.9E-06 Q		5.1E-07 QJ		1.1E-06 J	
PCB-171			< 0.08		1.6E-06 J C		3.4E-07 J C		7.4E-07 J C	
PCB-172			< 0.0793		< 0.0741		< 0.0516		< 0.06	
PCB-173			< 0.08		1.6E-06 J C		3.4E-07 J C		7.4E-07 J C	
PCB-174			1.1E-06 J		5.9E-06		1.5E-06 QJ		2.1E-06	
PCB-175			< 0.0712		< 0.0666		< 0.0464		< 0.054	
PCB-176			< 0.0543		1.6E-06 J		5.7E-07 J		6.8E-07 QJ	
PCB-177			< 0.076		2.6E-06 QJ		6.9E-07 J		9.4E-07 QJ	
PCB-178			< 0.077		1.4E-06 J		< 0.0501		6.3E-07 QJ	
PCB-179			7.3E-07 QJ		6E-06 Q		2.5E-06		2.3E-06	
PCB-180			1.1E-06 QJ		9.1E-06 B C		2E-06 C		2.4E-06 Q C	
PCB-181			< 0.0712		< 0.0666		< 0.0463		< 0.0539	
PCB-182			< 0.0692		< 0.0647		< 0.045		< 0.0524	
PCB-183			5.6E-07 J C		4.4E-06 C		1.5E-06 QJ		1.9E-06 J C	
PCB-184			< 0.0588		< 0.055		< 0.0382		< 0.0445	
PCB-185			5.6E-07 J C		4.4E-06 C18		1.5E-06 QJ		1.9E-06 J C	
PCB-186			< 0.0571		< 0.0534		< 0.0371		< 0.0432	
PCB-187			1.1E-06 J C		7.9E-06 B		2.9E-06		2.9E-06	
PCB-188			< 0.0501		< 0.0447		< 0.0323		< 0.0402	
PCB-189	39635-31-9		< 0.0437		< 0.0536		< 0.0322		< 0.0299	
PCB-190			< 0.0552		6.3E-07 J		< 0.0359		< 0.0418	
PCB-191			< 0.0542		1.4E-07 QJ		< 0.0353		< 0.0411	
PCB-192			< 0.0606		< 0.0566		< 0.0394		< 0.0459	
PCB-193			1.1E-06 QJ		9.1E-06 B C		2E-06 C18		2.4E-06 Q C	
PCB-194			< 0.045		5E-07 QJ		< 0.0351		< 0.0334	
PCB-195			< 0.0488		4.1E-07 QJ		< 0.0381		< 0.0363	
PCB-196			< 0.0605		6.2E-07 QJ		< 0.0406		< 0.0501	
PCB-197			< 0.0451		< 0.037		< 0.0302		< 0.0373	
PCB-198			< 0.0625		1.5E-06 J C		3E-07 QJ		6E-07 QJ	
PCB-199			< 0.0625		1.5E-06 J C		3E-07 QJ		6E-07 QJ	
PCB-200			< 0.0442		< 0.0363		< 0.0297		< 0.0366	
PCB-201			< 0.0427		< 0.035		< 0.0287		< 0.0353	
PCB-202			< 0.0481		< 0.0395		3E-07 J		< 0.0398	
PCB-203			< 0.0558		5.9E-07 QJ		< 0.0375		< 0.0462	
PCB-204			< 0.0468		< 0.0384		< 0.0314		< 0.0388	
PCB-205			< 0.0379		< 0.0382		< 0.0295		< 0.0281	
PCB-206			< 0.0455		< 0.0362		< 0.0449		< 0.0674	
PCB-207			< 0.0342		< 0.0259		< 0.0325		< 0.0487	

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA7	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA8
		8/7/2010	8/8/2010	11/20/2010	11/21/2010	2/6/2010	2/6/2010	3/27/2010	3/28/2010	8/7/2010
		ARIA7-100807-01	ARIA7P-100808-01	ARIA7-101120-01	ARIA7P-101121-01	ARIA8-100206-01	ARIA8P-100206-02	ARIA8-100327-01	ARIA8P-100328-01	ARIA8-100807-01
PCB-208			< 0.0371		< 0.027		< 0.0342		< 0.0512	
PCB-209			< 0.026		< 0.0169		< 0.0354		< 0.0467	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52OA3	BLDG52OA3
		8/7/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	3/27/2010	3/27/2010
		ARIA8P-100808-01	ARIA8-101120-01	ARIA8P-101121-01	ARIA9-100206-01	ARIA9-100327-01	ARIA9-100807-01	ARIA9-101120-01	AROA3-100327-01	AROA3P-100327-01
VOCs										
Acetone	67-64-1		22				20	24		
Acetonitrile	75-05-8		0.39 J				0.39 J	0.28 J		
Acrolein	107-02-8		1				1.4	1.4		
Acrylonitrile	107-13-1		< 0.73				< 1.7	< 0.73		
Allyl Chloride	107-05-1		< 1.7				< 0.25	< 1.7		
Benzene	71-43-2		1.4		0.82	0.52	0.46	1.5	0.49	
Benzyl Chloride	100-44-7		< 0.83				< 0.83	< 0.83		
Bromodichloromethane	75-27-4		< 0.54				< 0.54	< 0.54		
Bromoform	75-25-2		< 0.83				< 0.83	< 0.83		
Bromomethane	74-83-9		< 0.31				0.11 J	< 0.31		
Butadiene, 1,3-	106-99-0		< 0.35				< 0.35	< 0.35		
Butane, n-	106-97-8		7.7				1.4	7		
Carbon Disulfide	75-15-0		0.45 J				0.077 J	0.046 J		
Carbon Tetrachloride	56-23-5		0.6				0.46 J	0.59		
Chlorobenzene	108-90-7		< 0.28				< 0.37	< 0.28		
Chlorodifluoromethane	75-45-6		3.2				10	2.7		
Chloroethane	75-00-3		< 0.39				< 0.21	< 0.39		
Chloroform	67-66-3		0.12 J		0.1 J	0.091 J	0.14 J	0.13 J	< 0.39	
Chloromethane	74-87-3		1				1	1		
cis-1,3-Dichloropropene	10061-01-5		< 0.79				< 0.36	< 0.79		
Cyclohexane	110-82-7		0.42 J				0.086 J	0.41 J		
Decane, n-	124-18-5		0.6 J				0.65 J	0.45 J		
Dibromochloromethane	124-48-1		< 1.1				< 0.68	< 1.1		
Dibromoethane, 1,2-	106-93-4		< 0.61				< 0.61	< 0.61		
Dibromomethane (Methylene Bromide)	74-95-3		< 0.4				< 1.1	< 0.4		
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2		0.11 J				< 0.56	0.11 J		
Dichlorobenzene, 1,2-	95-50-1		< 0.48		< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	
Dichlorobenzene, 1,3-	541-73-1		< 0.48				< 0.48	< 0.48		
Dichlorobenzene, 1,4-	106-46-7		< 0.48		< 0.48	< 0.48	0.3 J	0.17 J	< 0.48	
Dichlorodifluoromethane	75-71-8		2.6				2.3	2.5		
Dichloroethane, 1,1-	75-34-3		< 0.32				< 0.32	< 0.32		
Dichloroethane, 1,2-	107-06-2		0.11 J				< 0.32	0.14 J		
Dichloroethene, 1,1-	75-35-4		< 0.32		< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	
Dichloroethylene, 1,2-cis-	156-59-2		< 0.36		< 0.32	< 0.32	< 0.32	< 0.36	< 0.32	
Dichloroethylene, 1,2-trans-	156-60-5		< 0.32		< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	
Dichloropropane, 1,2-	78-87-5		< 0.37				< 0.37	< 0.37		
Dichloropropene, trans-1,3-	10061-02-6		< 0.36				< 0.36	< 0.36		
Dodecane, n-	112-40-3		0.23 J				0.49 J	< 0.7		
Ethyl Ether	60-29-7		< 0.35				< 2.4	< 0.35		
Ethylbenzene	100-41-4		0.89		< 0.35	0.32 J	0.43	1.2	< 0.35	
Heptane, n-			1.6				0.74 J	1.7		
Hexachlorobutadiene	87-68-3		< 1.4				< 4.3	< 1.4		
Hexane, N-	110-54-3		1.9				5.7	1.3		
Hexanone, 2-	591-78-6		0.17 J				0.17 J	0.14 J		
Isopropylbenzene (Cumene)	98-82-8		< 1				< 0.79	< 1		
Methyl Ethyl Ketone (2-Butanone)	78-93-3		3.6				2.1	3.2		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52OA3	BLDG52OA3
		8/7/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	3/27/2010	3/27/2010
		ARIA8P-100808-01	ARIA8-101120-01	ARIA8P-101121-01	ARIA9-100206-01	ARIA9-100327-01	ARIA9-100807-01	ARIA9-101120-01	AROA3-100327-01	AROA3P-100327-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		0.17 J				0.24 J	0.29 J		
Methyl tert-Butyl Ether (MTBE)	1634-04-4		< 2.8				< 1.4	< 2.8		
Methylene Chloride	75-09-2		3.7 B				0.45 J B	1.7 B		
Methylstyrene, Alpha-	98-83-9		< 0.77				< 0.77	< 0.77		
Naphthalene	91-20-3		< 0.82				< 1	< 0.82		
Nonane, n-	111-84-2		0.34 J				0.17 J	0.36 J		
Octane, n-	111-65-9		0.39 J				0.24 J	0.45 J		
Pentane, n-	109-66-0		2.3				0.62 J	2.1		
Propylbenzene, n-	103-65-1		0.22 J				< 0.79	0.24 J		
Styrene	100-42-5		< 0.34				0.39	0.78		
Tetrachloroethane, 1,1,2,2-	79-34-5		< 0.55				< 0.55	< 0.55		
Tetrachloroethene	127-18-4		0.17 J		0.27 J	< 0.54	0.18 J	0.22 J	< 0.54	
Toluene	108-88-3		3.9 B		1	0.98	1.3	4.3 B	0.68	
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1						0.53 J			
Trichlorobenzene, 1,2,4-	120-82-1		< 3				< 3	< 3		
Trichloroethane, 1,1,1-	71-55-6		< 0.44				< 0.44	< 0.44		
Trichloroethane, 1,1,2-	79-00-5		< 0.61				< 0.44	< 0.61		
Trichloroethene	79-01-6		< 0.21		0.13 J	< 0.21	< 0.21	0.093 J	< 0.21	
Trichlorofluoromethane	75-69-4		1.4				1.5	1.2		
Trichlorotrifluoroethane, 1,1,2-			0.48 J					0.5 J		
Trimethylbenzene, 1,2,4-	95-63-6		1.1				0.36 J	1		
Trimethylbenzene, 1,3,5-	108-67-8		0.31 J				< 0.39	0.32 J		
Undecane, n-	1120-21-4		0.28 J				0.27 J	< 0.79		
Vinyl Acetate	108-05-4		< 1.4				< 1.4	< 1.4		
Vinyl Chloride	75-01-4		< 0.2		< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Xylene, o-	95-47-6		0.84		< 0.35	0.28 J	0.4	1.2	< 0.35	
Xylenes, m & p			2.4		< 0.35	0.9	1.2	3.4	0.28 J	
PCBs and Dioxins										
PCB-001		2E-05 BS		6.8E-06 BS					2.2E-06	
PCB-002		7.1E-06 B		2.8E-06 B					7.2E-07	Q
PCB-003		1.8E-05		4.8E-06					1E-06	
PCB-004		5E-05 S		1.9E-05 BS					7.1E-06	
PCB-005		2.1E-06 QJ		1.3E-06 BJ					2.4E-07	QJ
PCB-006		3.3E-05		1.4E-05 B					2.5E-06	
PCB-007		8.5E-06		3.3E-06 QB					5.1E-07	Q
PCB-008		0.00012 BS		3.7E-05 BS					1.1E-05	B
PCB-009		1.1E-05		3.7E-06 Q					9.2E-07	
PCB-010		3.7E-06 QJ		1.5E-06 Q					3.2E-07	QJ
PCB-011		0.0016 B		0.0007 B					1.5E-05	B
PCB-012		2.2E-05 B C		1.1E-05 C					6.1E-07	Q C
PCB-013		2.2E-05 B C		1.1E-05 C12					6.1E-07	Q C
PCB-014		< 0.113		< 0.125					< 0.00462	
PCB-015		2.6E-05 B		1.2E-05 QB					2.8E-06	
PCB-016		3.6E-05		1.5E-05 B					4.2E-06	
PCB-017		4.1E-05		1.7E-05 B					4.9E-06	
PCB-018		8.9E-05 B C		3.5E-05 B C					1.1E-05	C
PCB-019		1.1E-05		3.6E-06					1.8E-06	

TABLE A-26
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Chemical	CAS	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52OA3	BLDG52OA3
		8/7/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	3/27/2010	3/27/2010
		ARIA8P-100808-01	ARIA8-101120-01	ARIA8P-101121-01	ARIA9-100206-01	ARIA9-100327-01	ARIA9-100807-01	ARIA9-101120-01	AROA3-100327-01	AROA3P-100327-01
PCB-020		9.5E-05 B C		4E-05 B C						8.1E-06 B C
PCB-021		5.5E-05 B C		2.5E-05 B C						4.4E-06 C
PCB-022		2.9E-05 B		1.2E-05 B						2.6E-06
PCB-023		< 0.0707		< 0.0735						< 0.00396
PCB-024		1.4E-06 QJ		5.6E-07 J						2E-07 QJ
PCB-025		7.8E-06		3.1E-06 B						6E-07
PCB-026		1.6E-05 C		6.1E-06 QB						1.3E-06 C
PCB-027		5E-06 Q		2.1E-06						7.4E-07
PCB-028		9.5E-05 B C		4E-05 B C						8.1E-06 B C
PCB-029		1.6E-05 C26		6.1E-06 QB						1.3E-06 C26
PCB-030		8.9E-05 B C		3.5E-05 B C						1.1E-05 C18
PCB-031		8.8E-05 B		3.9E-05 B						6.9E-06 B
PCB-032		2.3E-05		9.7E-06 B						3.3E-06
PCB-033		5.5E-05 B C		2.5E-05 B C						4.4E-06 C21
PCB-034		4.3E-07 J		< 0.0723						3.3E-08 J
PCB-035		3.2E-06 J		1E-06 J						8.6E-08 QJ
PCB-036		1.5E-06 J		5.7E-07 QJ						< 0.00303
PCB-037		8.3E-06 B		3.5E-06 B						1.1E-06
PCB-038		< 0.0729		< 0.0758						< 0.00464
PCB-039		5E-07 QBJ		< 0.0674						< 0.00503
PCB-040		2.1E-05 C		9.7E-06 QB						2.3E-06 C
PCB-041		2.1E-05 C40		9.7E-06 QB						2.3E-06 C40
PCB-042		1E-05		5E-06						1.1E-06
PCB-043		2.9E-06 QJ		1.1E-06 J C						1.2E-07 QJ
PCB-044		5.7E-05 B C		2.9E-05 B C						4.9E-06 B C
PCB-045		1.3E-05 C		6.3E-06 B C						1.4E-06 C
PCB-046		3E-06 J		1.8E-06						3.3E-07 J
PCB-047		5.7E-05 B C		2.9E-05 B C						4.9E-06 B C
PCB-048		1.2E-05		4.9E-06 QB						1.1E-06
PCB-049		3.3E-05 B C		1.6E-05 B C						2.9E-06 C
PCB-050		9.9E-06 C		4.1E-06 C						9E-07 C
PCB-051		1.3E-05 C45		6.3E-06 B C						1.4E-06 C45
PCB-052		0.0001 B		5.1E-05 B						7E-06
PCB-053		9.9E-06 C50		4.1E-06 C50						9E-07 C50
PCB-054		< 0.0961		< 0.0607						< 0.00838
PCB-055		7.7E-07 QJ		5.6E-07 J						4.9E-08 QJ
PCB-056		7.2E-06		3.1E-06 B						1E-06
PCB-057		< 0.0773		< 0.0663						< 0.0042
PCB-058		< 0.0769		< 0.066						< 0.00418
PCB-059		2.6E-06 QJ		1.4E-06 QJ						3.3E-07 J C
PCB-060		4.6E-06		1.7E-06 QB						6.3E-07
PCB-061		5.4E-05 B C		2.7E-05 B C						5.5E-06 C
PCB-062		2.6E-06 QJ		1.4E-06 QJ						3.3E-07 J C
PCB-063		6.2E-07 QJ		< 0.0615						1E-07 J
PCB-064		1.6E-05 B		8.1E-06 B						1.8E-06
PCB-065		5.7E-05 B C		2.9E-05 B C						4.9E-06 B C
PCB-066		1.9E-05 B		9.6E-06 B						2.3E-06

TABLE A-26
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Chemical	CAS	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52OA3	BLDG52OA3
		8/7/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	3/27/2010	3/27/2010
		ARIA8P-100808-01	ARIA8-101120-01	ARIA8P-101121-01	ARIA9-100206-01	ARIA9-100327-01	ARIA9-100807-01	ARIA9-101120-01	AROA3-100327-01	AROA3P-100327-01
PCB-067		< 0.0695		< 0.0597						7.5E-08 J
PCB-068		5.2E-07 QJ		3.7E-07 BJ						4E-08 QJ
PCB-069		3.3E-05 B C		1.6E-05 B C						2.9E-06 C49
PCB-070		5.4E-05 B C		2.7E-05 B C						5.5E-06 C61
PCB-071		2.1E-05 C40		9.7E-06 QB						2.3E-06 C40
PCB-072		< 0.0751		< 0.0645						< 0.00409
PCB-073		2.9E-06 QJ		1.1E-06 J C						1.2E-07 QJ
PCB-074		5.4E-05 B C		2.7E-05 B C						5.5E-06 C61
PCB-075		2.6E-06 QJ		1.4E-06 QJ						3.3E-07 J C
PCB-076		5.4E-05 B C		2.7E-05 B C						5.5E-06 C61
PCB-077	32598-13-3	8.9E-07 J		3.1E-07 QJ						9.1E-08 QJ
PCB-078		< 0.0798		< 0.0686						< 0.00434
PCB-079		5.6E-07 QJ		3.1E-07 J						3.1E-08 J
PCB-080		< 0.0684		< 0.0587						< 0.00372
PCB-081	70362-50-4	< 0.0701		< 0.0551						< 0.00394
PCB-082		4.4E-06		1.3E-06 J						3.1E-07 J
PCB-083		2.1E-05 C		7.6E-06 B C						2.1E-06 C
PCB-084		1.3E-05		5.5E-06						1.4E-06
PCB-085		6.2E-06 Q C		1.3E-06 QBJ						5.4E-07 C
PCB-086		3.2E-05 C		9.7E-06 B C						3E-06 C
PCB-087		3.2E-05 C86		9.7E-06 B C						3E-06 C86
PCB-088		6.5E-06 C		2.4E-06 C						6.6E-07 C
PCB-089		< 0.123		< 0.0684						< 0.00771
PCB-090		5.1E-05 B C		2E-05 B C						4.7E-06 C
PCB-091		6.5E-06 C88		2.4E-06 C88						6.6E-07 C88
PCB-092		7.1E-06		2.8E-06						6.9E-07 Q
PCB-093		6.1E-07 QJ		2.6E-07 QJ						< 0.00685
PCB-094		< 0.123		< 0.0684						< 0.00771
PCB-095		4.9E-05		2.3E-05 B						5E-06
PCB-096		< 0.0917		< 0.0511						< 0.00577
PCB-097		3.2E-05 C86		9.7E-06 B C						3E-06 C86
PCB-098		< 0.106		7E-07 QJ						1.2E-07 J C
PCB-099		2.1E-05 C83		7.6E-06 B C						2.1E-06 C83
PCB-100		6.1E-07 QJ		2.6E-07 QJ						< 0.00685
PCB-101		5.1E-05 B C		2E-05 B C						4.7E-06 C90
PCB-102		< 0.106		7E-07 QJ						1.2E-07 J C
PCB-103		< 0.107		< 0.06						< 0.00676
PCB-104		< 0.0817		< 0.0456						< 0.00514
PCB-105	32598-14-4	9.2E-06		2.1E-06 B						6.2E-07
PCB-106		4.5E-07 J		< 0.0556						< 0.00462
PCB-107		1.2E-06 QJ		2.8E-07 QJ						8.1E-08 J C
PCB-108		3.2E-05 C86		9.7E-06 B C						3E-06 C86
PCB-109		1.7E-06 J		4.4E-07 QJ						1E-07 QJ
PCB-110		4.3E-05 QB		1.4E-05 B C						4.1E-06 C
PCB-111		< 0.0768		< 0.0428						< 0.00483
PCB-112		< 0.0834		< 0.0465						< 0.00524
PCB-113		5.1E-05 B C		2E-05 B C						4.7E-06 C90

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52OA3	BLDG52OA3
		8/7/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	3/27/2010	3/27/2010
		ARIA8P-100808-01	ARIA8-101120-01	ARIA8P-101121-01	ARIA9-100206-01	ARIA9-100327-01	ARIA9-100807-01	ARIA9-101120-01	AROA3-100327-01	AROA3P-100327-01
PCB-114	74472-37-0	7.3E-07 QJ		< 0.0466						3.8E-08 J
PCB-115		4.3E-05 QB		1.4E-05 B C						4.1E-06 C11
PCB-116		6.2E-06 Q C		1.3E-06 QBJ						5.4E-07 C85
PCB-117		6.2E-06 Q C		1.3E-06 QBJ						5.4E-07 C85
PCB-118	31508-00-6	2.9E-05 B		6.8E-06 B						2E-06
PCB-119		3.2E-05 C86		9.7E-06 B C						3E-06 C86
PCB-120		< 0.079		< 0.0441						< 0.00497
PCB-121		< 0.0796		< 0.0444						< 0.00501
PCB-122		6E-07 QJ		< 0.0605						< 0.00503
PCB-123	65510-44-3	< 0.0622		< 0.0548						< 0.00451
PCB-124		1.2E-06 QJ		2.8E-07 Q C						8.1E-08 J C
PCB-125		3.2E-05 C86		9.7E-06 B C						3E-06 C86
PCB-126	57465-28-8	< 0.0619		< 0.0739						< 0.00471
PCB-127		< 0.0624		< 0.0549						< 0.00457
PCB-128		2.6E-06 J C		6.6E-07 J C						1.3E-07 QJ
PCB-129		2.3E-05 C		6.1E-06 B C						1.4E-06 C
PCB-130		1.1E-06 QJ		3.9E-07 QJ						6.1E-08 J
PCB-131		< 0.101		< 0.0836						< 0.00792
PCB-132		9.3E-06 Q		3.1E-06 B						6.9E-07
PCB-133		< 0.0926		< 0.0767						< 0.00726
PCB-134		1.5E-06 QJ		5.9E-07 QJ						1.1E-07 QJ
PCB-135		1.1E-05 C		3.1E-06 B C						8.9E-07 C
PCB-136		5.6E-06		1.9E-06 Q						4.8E-07
PCB-137		1.1E-06 J		< 0.0704						6.3E-08 QJ
PCB-138		2.3E-05 C12		6.1E-06 B C						1.4E-06 C12
PCB-139		4.7E-07 QJ		< 0.07						4.3E-08 J C
PCB-140		4.7E-07 QJC		< 0.07						4.3E-08 J C
PCB-141		4.9E-06		1.5E-06 B						3E-07 J
PCB-142		< 0.0971		< 0.0804						< 0.00761
PCB-143		1.5E-06 QJ		5.9E-07 QJ						1.1E-07 QJ
PCB-144		1.6E-06 J		4.9E-07 QJ						6E-08 QJ
PCB-145		< 0.0624		< 0.0337						< 0.00522
PCB-146		2.9E-06 J		6.3E-07 QJ						1.9E-07 J
PCB-147		2.9E-05 B C		1.1E-05 B C						1.9E-06 C
PCB-148		< 0.0872		< 0.0471						< 0.00729
PCB-149		2.9E-05 B C		1.1E-05 B C						1.9E-06 C14
PCB-150		< 0.0608		< 0.0328						< 0.00508
PCB-151		1.1E-05 C13		3.1E-06 B C						8.9E-07 C13
PCB-152		< 0.062		< 0.0335						< 0.00518
PCB-153		2E-05 B C		5.6E-06 QB						1.3E-06 C
PCB-154		3E-07 J		3.2E-07 QJ						< 0.00604
PCB-155		< 0.0591		< 0.0319						< 0.00494
PCB-156		9.5E-07 QJ		< 0.0609						6.1E-08 QJ
PCB-157	69782-90-7	9.5E-07 QJC		< 0.0609						6.1E-08
PCB-158		2.4E-06 J		5.2E-07 QJ						1.1E-07 QJ
PCB-159		< 0.0646		< 0.0535						< 0.00506
PCB-160		2.3E-05 C12		6.1E-06 B C						1.4E-06 C12

TABLE A-26
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Chemical	CAS	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52OA3	BLDG52OA3
		8/7/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	3/27/2010	3/27/2010
		ARIA8P-100808-01	ARIA8-101120-01	ARIA8P-101121-01	ARIA9-100206-01	ARIA9-100327-01	ARIA9-100807-01	ARIA9-101120-01	AROA3-100327-01	AROA3P-100327-01
PCB-161		< 0.0643		< 0.0532						< 0.00504
PCB-162		< 0.0638		< 0.0528						< 0.005
PCB-163		2.3E-05 C12		6.1E-06 B C						1.4E-06 C12
PCB-164		1.1E-06 QJ		2.7E-07 QJ						6.4E-08 QJ
PCB-165		< 0.0707		< 0.0585						< 0.00554
PCB-166		2.6E-06 J C		6.6E-07 J C						1.3E-07 QJ
PCB-167	52663-72-6	< 0.0469		< 0.0347						< 0.00363
PCB-168		2E-05 B C		5.6E-06 QB						1.3E-06 C15
PCB-169	32774-16-6	< 0.0517		< 0.059						< 0.00402
PCB-170		5.8E-07 QJ		5.1E-07 QJ						6E-08 QJ
PCB-171		4.3E-07 QJ		< 0.0377						5.5E-08 QJ
PCB-172		< 0.0568		< 0.0373						< 0.00518
PCB-173		4.3E-07 QJ		< 0.0377						5.5E-08 QJ
PCB-174		2.1E-06 QJ		8.2E-07 J						1.7E-07 J
PCB-175		< 0.0511		< 0.0335						< 0.00466
PCB-176		6.1E-07 QJ		1.9E-07 QJ						3.2E-08 J
PCB-177		9.9E-07 J		2.3E-07 QJ						6.6E-08 QJ
PCB-178		7.8E-07 J		< 0.0362						< 0.00504
PCB-179		2.5E-06 J		8.5E-07 J						1.9E-07 J
PCB-180		2.5E-06 J C		1E-06 BJ						2.3E-07 J C
PCB-181		< 0.051		< 0.0335						< 0.00465
PCB-182		< 0.0496		< 0.0326						< 0.00452
PCB-183		2E-06 J C		3.8E-07 QJ						1.1E-07 QJ
PCB-184		< 0.0421		< 0.0276						< 0.00384
PCB-185		2E-06 J C		3.8E-07 QJ						1.1E-07 QJ
PCB-186		< 0.0409		< 0.0268						< 0.00373
PCB-187		3.5E-06 QJ		1.1E-06 BJ						2.9E-07 QJ
PCB-188		< 0.0352		< 0.0218						< 0.00336
PCB-189	39635-31-9	< 0.0312		< 0.0292						< 0.00333
PCB-190		< 0.0396		< 0.026						< 0.00361
PCB-191		< 0.0389		< 0.0255						< 0.00354
PCB-192		< 0.0434		< 0.0285						< 0.00396
PCB-193		2.5E-06 J C		1E-06 BJ						2.3E-07 J C
PCB-194		< 0.0276		2.1E-07 QJ						< 0.0036
PCB-195		< 0.0299		1.9E-07 J						< 0.00391
PCB-196		< 0.0368		2.1E-07 J						< 0.0048
PCB-197		< 0.0274		< 0.0165						< 0.00357
PCB-198		3.9E-07 QJ		3E-07 QJ						5.4E-08 QJ
PCB-199		3.9E-07 QJ		3E-07 QJ						5.4E-08 QJ
PCB-200		< 0.0269		< 0.0162						< 0.00351
PCB-201		1.4E-07 QJ		< 0.0156						< 0.00339
PCB-202		< 0.0293		< 0.0176						< 0.00382
PCB-203		< 0.034		1.4E-07 QJ						< 0.00443
PCB-204		< 0.0285		< 0.0171						< 0.00372
PCB-205		< 0.0232		< 0.0174						< 0.00303
PCB-206		< 0.0294		< 0.0218						< 0.00616
PCB-207		< 0.0202		< 0.0157						< 0.00464

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52IA8	BLDG52IA8	BLDG52IA8	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52IA9	BLDG52OA3	BLDG52OA3
		8/7/2010	11/20/2010	11/21/2010	2/6/2010	3/27/2010	8/7/2010	11/20/2010	3/27/2010	3/27/2010
		ARIA8P-100808-01	ARIA8-101120-01	ARIA8P-101121-01	ARIA9-100206-01	ARIA9-100327-01	ARIA9-100807-01	ARIA9-101120-01	AROA3-100327-01	AROA3P-100327-01
PCB-208		< 0.0206		< 0.0164						< 0.00503
PCB-209		< 0.0206		< 0.0169						< 0.00429

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10
		8/8/2010	8/8/2010	11/20/2010	11/21/2010	2/5/2010	2/5/2010	3/26/2010	3/26/2010	8/6/2010
		AROA3-100808-01	AROA3P-100808-01	AROA3-101120-01	AROA3P-101121-01	ARSS10-100205-01	ARSS10-100205-02	ARSS10-100326-01	ARSS10-100326-02	ARSS10-100806-01
VOCs										
Acetone	67-64-1	19		13						< 46
Acetonitrile	75-05-8	0.47 J		0.28 J						< 6.5
Acrolein	107-02-8	2.4		0.37 J						< 7.1
Acrylonitrile	107-13-1	< 1.7		< 0.73						< 17
Allyl Chloride	107-05-1	< 0.25		< 1.7						< 2.4
Benzene	71-43-2	0.38		4		5.6	6.2	1.1 J	1.3 J	0.98 J
Benzyl Chloride	100-44-7	< 0.83		< 0.83						< 8
Bromodichloromethane	75-27-4	< 0.54		< 0.54						< 5.2
Bromoform	75-25-2	< 0.83		< 0.83						< 8
Bromomethane	74-83-9	0.066 J		< 0.31						< 3
Butadiene, 1,3-	106-99-0	< 0.35		< 0.35						< 3.4
Butane, n-	106-97-8	1.3		19						0.63 J
Carbon Disulfide	75-15-0	3.7 B		< 0.5						< 6
Carbon Tetrachloride	56-23-5	0.47 J		0.6						< 4.8
Chlorobenzene	108-90-7	< 0.37		< 0.28						< 3.5
Chlorodifluoromethane	75-45-6	1.4		3.5						30
Chloroethane	75-00-3	0.09 J		< 0.39						< 2
Chloroform	67-66-3	0.25 J		0.16 J		< 3.9	< 3.9	< 3.9	< 3.9	< 3.8
Chloromethane	74-87-3	1.3		1						< 4
cis-1,3-Dichloropropene	10061-01-5	< 0.36		< 0.79						< 3.5
Cyclohexane	110-82-7	0.1 J		1						< 6.6
Decane, n-	124-18-5	1.2 J		0.74 J						1.4 J
Dibromochloromethane	124-48-1	< 0.68		< 1.1						< 6.6
Dibromoethane, 1,2-	106-93-4	< 0.61		< 0.61						< 5.9
Dibromomethane (Methylene Bromide)	74-95-3	< 1.1		< 0.4						< 11
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2	0.11 J		0.11 J						< 5.4
Dichlorobenzene, 1,2-	95-50-1	< 0.48		< 0.48		< 4.8	< 4.8	< 4.8	< 4.8	< 4.6
Dichlorobenzene, 1,3-	541-73-1	< 0.48		< 0.48						< 4.6
Dichlorobenzene, 1,4-	106-46-7	< 0.48		0.21 J		< 4.8	< 4.8	< 4.8	< 4.8	13
Dichlorodifluoromethane	75-71-8	2.4		2.6						85
Dichloroethane, 1,1-	75-34-3	< 0.32		< 0.32						< 3.1
Dichloroethane, 1,2-	107-06-2	< 0.32		0.083 J						< 3.1
Dichloroethene, 1,1-	75-35-4	< 0.32		< 0.32		< 3.2	< 3.2	< 3.2	< 3.2	< 3.1
Dichloroethylene, 1,2-cis-	156-59-2	< 0.32		< 0.36		< 3.2	< 3.2	< 3.2	< 3.2	< 3.1
Dichloroethylene, 1,2-trans-	156-60-5	< 0.32		< 0.32		< 3.2	< 3.2	< 3.2	< 3.2	< 3.1
Dichloropropane, 1,2-	78-87-5	< 0.37		< 0.37						< 3.6
Dichloropropene, trans-1,3-	10061-02-6	< 0.36		< 0.36						< 3.5
Dodecane, n-	112-40-3	1.4 J		< 0.7						< 27
Ethyl Ether	60-29-7	< 2.4		< 0.35						< 23
Ethylbenzene	100-41-4	0.23 J		2.5		1.7 J	5.9	2.1 J	3.6	3.2 J
Heptane, n-		0.41 J		1.3						< 7.9
Hexachlorobutadiene	87-68-3	< 4.3		< 1.4						< 41
Hexane, N-	110-54-3	0.74		2.6						15
Hexanone, 2-	591-78-6	< 0.82		< 0.82						< 7.9
Isopropylbenzene (Cumene)	98-82-8	< 0.79		0.23 J						< 7.6
Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.6		1.1 J						< 11

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10
		8/8/2010	8/8/2010	11/20/2010	11/21/2010	2/5/2010	2/5/2010	3/26/2010	3/26/2010	8/6/2010
		AROA3-100808-01	AROA3P-100808-01	AROA3-101120-01	AROA3P-101121-01	ARSS10-100205-01	ARSS10-100205-02	ARSS10-100326-01	ARSS10-100326-02	ARSS10-100806-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 0.82		0.13 J						< 7.9
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 1.4		< 2.8						< 14
Methylene Chloride	75-09-2	2 B		1.1 B						1.9 J B
Methylstyrene, Alpha-	98-83-9	< 0.77		< 0.77						< 7.4
Naphthalene	91-20-3	0.23 J		0.4 J						< 10
Nonane, n-	111-84-2	0.49 J		0.68 J						5.5 J
Octane, n-	111-65-9	0.24 J		0.6 J						2.2 J
Pentane, n-	109-66-0	1.3		4.9						< 11
Propylbenzene, n-	103-65-1	< 0.79		0.74 J						< 7.6
Styrene	100-42-5	0.11 J		0.58						< 3.3
Tetrachloroethane, 1,1,2,2-	79-34-5	< 0.55		< 0.55						< 5.3
Tetrachloroethene	127-18-4	< 0.54		0.52 J		< 5.4	< 5.4	< 5.4	< 5.4	1.7 J
Toluene	108-88-3	1.1		11 B		6.4	14	3.2	4	4.5
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	0.8								< 5.9
Trichlorobenzene, 1,2,4-	120-82-1	< 3		< 3						< 29
Trichloroethane, 1,1,1-	71-55-6	< 0.44		< 0.44						< 4.2
Trichloroethane, 1,1,2-	79-00-5	< 0.44		< 0.61						< 4.2
Trichloroethene	79-01-6	< 0.21		< 0.21		13	13	1.9 J	2.4	1.2 J
Trichlorofluoromethane	75-69-4	2.9		1.3						1.6 J
Trichlorotrifluoroethane, 1,1,2-				0.49 J						
Trimethylbenzene, 1,2,4-	95-63-6	0.44		3.9						3.5 J
Trimethylbenzene, 1,3,5-	108-67-8	< 0.39		1.1						< 3.8
Undecane, n-	1120-21-4	0.89 J		0.22 J						1.7 J
Vinyl Acetate	108-05-4	< 1.4		< 1.4						< 14
Vinyl Chloride	75-01-4	< 0.2		< 0.2		< 2	< 2	< 2	< 2	< 2
Xylene, o-	95-47-6	0.25 J		2.5		3.1 J	8.6	2.2 J	3.8	3.6
Xylenes, m & p		0.72		6.8		7.1	22	7.4	14	12
PCBs and Dioxins										
PCB-001			3E-06 B		2E-06 B					
PCB-002			4.3E-06 B		9.4E-07 QB					
PCB-003			1.6E-06 QJ		1.5E-06					
PCB-004			1.3E-05		5.3E-06 B					
PCB-005			6.8E-07 QJ		2.1E-07 QBJ					
PCB-006			1.1E-05		2.7E-06 B					
PCB-007			1.6E-06 J		6E-07 QB					
PCB-008			3E-05 B		1.1E-05 B					
PCB-009			2.1E-06 Q		8.9E-07 Q					
PCB-010			6.2E-07 QJ		3.2E-07 QJ					
PCB-011			0.00134 B		2.2E-05 B					
PCB-012			9.6E-06 QB		1E-06 C					
PCB-013			9.6E-06 QB		1E-06 C12					
PCB-014			< 0.0632		3.7E-08 QJ					
PCB-015			1.1E-05 B		2.3E-06 B					
PCB-016			9.4E-06 Q		3.9E-06 B					
PCB-017			1.2E-05		4.1E-06 B					
PCB-018			2.6E-05 B C		1E-05 B C					
PCB-019			2.8E-06		1.2E-06					

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
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Chemical	CAS	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10
		8/8/2010	8/8/2010	11/20/2010	11/21/2010	2/5/2010	2/5/2010	3/26/2010	3/26/2010	8/6/2010
		AROA3-100808-01	AROA3P-100808-01	AROA3-101120-01	AROA3P-101121-01	ARSS10-100205-01	ARSS10-100205-02	ARSS10-100326-01	ARSS10-100326-02	ARSS10-100806-01
PCB-020			2.9E-05 B C		8.5E-06 B C					
PCB-021			1.8E-05 B C		4.9E-06 B C					
PCB-022			1E-05 B		2.6E-06 B					
PCB-023			< 0.0363		< 0.00725					
PCB-024			5.2E-07 J		7.4E-08 QJ					
PCB-025			2.1E-06		5.9E-07 B					
PCB-026			5.1E-06 C		1.4E-06 B C					
PCB-027			1.6E-06 J		5.5E-07 Q					
PCB-028			2.9E-05 B C		8.5E-06 B C					
PCB-029			5.1E-06 C26		1.4E-06 B C					
PCB-030			2.6E-05 B C		1E-05 B C					
PCB-031			2.8E-05 B		7.8E-06 B					
PCB-032			6.6E-06		2.4E-06 B					
PCB-033			1.8E-05 B C		4.9E-06 B C					
PCB-034			< 0.0358		< 0.00714					
PCB-035			3.2E-06		2E-07 J					
PCB-036			9.8E-07 QJ		8.9E-08 QJ					
PCB-037			4.4E-06 B		8.5E-07 B					
PCB-038			< 0.0375		< 0.00748					
PCB-039			< 0.0333		< 0.00665					
PCB-040			9.3E-06 C		2.2E-06 B C					
PCB-041			9.3E-06 C40		2.2E-06 B C					
PCB-042			4.4E-06		1E-06					
PCB-043			1E-06 QJ		2.4E-07 J C					
PCB-044			3.3E-05 B C		6.4E-06 B C					
PCB-045			6.1E-06 Q C		1.3E-06 B C					
PCB-046			1.1E-06 QJ		4E-07 J					
PCB-047			3.3E-05 B C		6.4E-06 B C					
PCB-048			4.4E-06		1.1E-06 B					
PCB-049			1.7E-05 B C		3.3E-06 B C					
PCB-050			3.3E-06 C		9.5E-07 C					
PCB-051			6.1E-06 Q C		1.3E-06 B C					
PCB-052			5.8E-05 B		1.1E-05 B					
PCB-053			3.3E-06 C50		9.5E-07 C50					
PCB-054			< 0.0596		< 0.00637					
PCB-055			3.4E-07 QJ		< 0.00689					
PCB-056			5.1E-06		1E-06 B					
PCB-057			< 0.0488		< 0.00656					
PCB-058			< 0.0486		< 0.00653					
PCB-059			1.3E-06 QJ		3.4E-07 J C					
PCB-060			3.4E-06		5.4E-07 B					
PCB-061			4.4E-05 B C		7E-06 B C					
PCB-062			1.3E-06 QJ		3.4E-07 J C					
PCB-063			6.2E-07 J		8.6E-08 QJ					
PCB-064			9E-06 B		1.8E-06 B					
PCB-065			3.3E-05 B C		6.4E-06 B C					
PCB-066			1.3E-05 B		2.3E-06 B					

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10
		8/8/2010	8/8/2010	11/20/2010	11/21/2010	2/5/2010	2/5/2010	3/26/2010	3/26/2010	8/6/2010
		AROA3-100808-01	AROA3P-100808-01	AROA3-101120-01	AROA3P-101121-01	ARSS10-100205-01	ARSS10-100205-02	ARSS10-100326-01	ARSS10-100326-02	ARSS10-100806-01
PCB-067			4E-07 QJ		7.8E-08 J					
PCB-068			8.6E-07 J		2.1E-07 BJ					
PCB-069			1.7E-05 B C		3.3E-06 B C					
PCB-070			4.4E-05 B C		7E-06 B C					
PCB-071			9.3E-06 C40		2.2E-06 B C					
PCB-072			< 0.0475		< 0.00638					
PCB-073			1E-06 QJ		2.4E-07 J C					
PCB-074			4.4E-05 B C		7E-06 B C					
PCB-075			1.3E-06 QJ		3.4E-07 J C					
PCB-076			4.4E-05 B C		7E-06 B C					
PCB-077	32598-13-3		9.2E-07 J		2E-07 J					
PCB-078			< 0.0505		< 0.00678					
PCB-079			4.4E-07 QJ		1.4E-07 J					
PCB-080			< 0.0432		< 0.00581					
PCB-081	70362-50-4		< 0.0454		< 0.00594					
PCB-082			4E-06		9.4E-07 Q					
PCB-083			2.1E-05 C		3.3E-06 B C					
PCB-084			1.1E-05		2.1E-06					
PCB-085			5.2E-06 C		9.8E-07 B C					
PCB-086			3.4E-05 C		5.1E-06 B C					
PCB-087			3.4E-05 C86		5.1E-06 B C					
PCB-088			4.9E-06 C		8.4E-07 C					
PCB-089			< 0.088		< 0.0102					
PCB-090			4.4E-05 B C		7.4E-06 B C					
PCB-091			4.9E-06 C88		8.4E-07 C88					
PCB-092			7.1E-06		1.1E-06					
PCB-093			2.4E-07 J C		4.9E-08 J C					
PCB-094			< 0.088		< 0.0102					
PCB-095			4.1E-05		7.5E-06 B					
PCB-096			< 0.0658		< 0.00762					
PCB-097			3.4E-05 C86		5.1E-06 B C					
PCB-098			1.1E-06 J C		1.7E-07 J C					
PCB-099			2.1E-05 C83		3.3E-06 B C					
PCB-100			2.4E-07 J C		4.9E-08 J C					
PCB-101			4.4E-05 B C		7.4E-06 B C					
PCB-102			1.1E-06 J C		1.7E-07 J C					
PCB-103			< 0.0772		< 0.00894					
PCB-104			< 0.0586		< 0.00679					
PCB-105	32598-14-4		1E-05		3.4E-06 B					
PCB-106			< 0.0443		< 0.00769					
PCB-107			1.1E-06 J C		3.1E-07 J C					
PCB-108			3.4E-05 C86		5.1E-06 B C					
PCB-109			7.6E-07 QJ		4.4E-07					
PCB-110			3.8E-05 B C		8.6E-06 B C					
PCB-111			< 0.0551		< 0.00638					
PCB-112			< 0.0599		< 0.00693					
PCB-113			4.4E-05 B C		7.4E-06 B C					

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10
		8/8/2010	8/8/2010	11/20/2010	11/21/2010	2/5/2010	2/5/2010	3/26/2010	3/26/2010	8/6/2010
		AROA3-100808-01	AROA3P-100808-01	AROA3-101120-01	AROA3P-101121-01	ARSS10-100205-01	ARSS10-100205-02	ARSS10-100326-01	ARSS10-100326-02	ARSS10-100806-01
PCB-114	74472-37-0		6.9E-07 QJ		1.6E-07 J					
PCB-115			3.8E-05 B C		8.6E-06 B C					
PCB-116			5.2E-06 C85		9.8E-07 B C					
PCB-117			5.2E-06 C85		9.8E-07 B C					
PCB-118	31508-00-6		2.8E-05 B		8.3E-06 B					
PCB-119			3.4E-05 C86		5.1E-06 B C					
PCB-120			< 0.0567		< 0.00657					
PCB-121			< 0.0572		< 0.00662					
PCB-122			4.4E-07 QJ		1.2E-07 QJ					
PCB-123	65510-44-3		6.4E-07 J		1.1E-07 J					
PCB-124			1.1E-06 J C		3.1E-07 J C					
PCB-125			3.4E-05 C86		5.1E-06 B C					
PCB-126	57465-28-8		< 0.0454		7.5E-08 QJ					
PCB-127			< 0.0438		< 0.0076					
PCB-128			3.5E-06 C		7.2E-07 Q C					
PCB-129			2.6E-05 C		6.6E-06 B C					
PCB-130			1.5E-06 J		3.6E-07 J					
PCB-131			< 0.0845		1.1E-07 J					
PCB-132			9.7E-06		2.4E-06 B					
PCB-133			< 0.0776		4.5E-08 QJ					
PCB-134			1.6E-06 QJ		3.1E-07 QJ					
PCB-135			9E-06 Q C		1.7E-06 QB					
PCB-136			4.4E-06		8.2E-07					
PCB-137			1.2E-06 J		3.6E-07 J					
PCB-138			2.6E-05 C12		6.6E-06 B C					
PCB-139			4E-07 QJ		9.7E-08 J C					
PCB-140			4E-07 QJC		9.7E-08 J C					
PCB-141			4.8E-06		1.2E-06 B					
PCB-142			< 0.0813		< 0.0111					
PCB-143			1.6E-06 QJ		3.1E-07 QJ					
PCB-144			1.2E-06 QJ		2.7E-07 J					
PCB-145			< 0.0567		< 0.0056					
PCB-146			3E-06		7E-07 Q					
PCB-147			2.3E-05 B C		5.1E-06 B C					
PCB-148			< 0.0792		< 0.00782					
PCB-149			2.3E-05 B C		5.1E-06 B C					
PCB-150			< 0.0552		< 0.00545					
PCB-151			9E-06 Q C		1.7E-06 QBJ					
PCB-152			< 0.0563		< 0.00556					
PCB-153			2E-05 B C		5E-06 B C					
PCB-154			< 0.0657		2E-08 QJ					
PCB-155			< 0.0537		< 0.0053					
PCB-156			1.8E-06 C		4.2E-07 Q C					
PCB-157	69782-90-7		1.8E-06 C15		4.2E-07 Q C					
PCB-158			2.3E-06 Q		7.3E-07					
PCB-159			< 0.0541		< 0.00739					
PCB-160			2.6E-05 C12		6.6E-06 B C					

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10
		8/8/2010	8/8/2010	11/20/2010	11/21/2010	2/5/2010	2/5/2010	3/26/2010	3/26/2010	8/6/2010
		AROA3-100808-01	AROA3P-100808-01	AROA3-101120-01	AROA3P-101121-01	ARSS10-100205-01	ARSS10-100205-02	ARSS10-100326-01	ARSS10-100326-02	ARSS10-100806-01
PCB-161			< 0.0538		< 0.00736					
PCB-162			< 0.0534		< 0.0073					
PCB-163			2.6E-05 C12		6.6E-06 B C					
PCB-164			1.5E-06 J		3.2E-07 QJ					
PCB-165			< 0.0592		< 0.00809					
PCB-166			3.5E-06 C12		7.2E-07 Q C					
PCB-167	52663-72-6		5.5E-07 QJ		1.3E-07 QJ					
PCB-168			2E-05 B C		5E-06 B C					
PCB-169	32774-16-6		< 0.0438		< 0.0067					
PCB-170			1.9E-06		2.5E-07 J					
PCB-171			8.3E-07 QJ		1.4E-07 J C					
PCB-172			< 0.0452		< 0.00515					
PCB-173			8.3E-07 QJ		1.4E-07 J C					
PCB-174			3.1E-06		4.2E-07					
PCB-175			< 0.0406		< 0.00463					
PCB-176			4.6E-07 QJ		7.2E-08 QJ					
PCB-177			1.5E-06 J		2.4E-07 J					
PCB-178			8.5E-07 J		9.5E-08 J					
PCB-179			2.2E-06		3.7E-07 J					
PCB-180			4.7E-06 C		6.7E-07 B C					
PCB-181			< 0.0406		< 0.00463					
PCB-182			< 0.0395		< 0.0045					
PCB-183			2.7E-06 C		3.4E-07 J C					
PCB-184			< 0.0335		< 0.00382					
PCB-185			2.7E-06 C18		3.4E-07 J C					
PCB-186			< 0.0325		< 0.00371					
PCB-187			4.4E-06		6.8E-07 B					
PCB-188			< 0.0279		< 0.00317					
PCB-189	39635-31-9		< 0.0235		< 0.00345					
PCB-190			< 0.0315		4.5E-08 QJ					
PCB-191			< 0.0309		< 0.00353					
PCB-192			< 0.0345		< 0.00394					
PCB-193			4.7E-06 C18		6.7E-07 B C					
PCB-194			< 0.0302		4.6E-08 QJ					
PCB-195			< 0.0328		< 0.00327					
PCB-196			< 0.042		4.4E-08 J					
PCB-197			< 0.0312		< 0.00241					
PCB-198			1.1E-06 QJ		1.1E-07 J C					
PCB-199			1.1E-06 QJ		1.1E-07 J C					
PCB-200			< 0.0307		< 0.00236					
PCB-201			< 0.0296		< 0.00228					
PCB-202			3.4E-07 QJ		4.5E-08 QJ					
PCB-203			5.1E-07 QJ		3.5E-08 QJ					
PCB-204			< 0.0325		< 0.0025					
PCB-205			< 0.0255		< 0.00254					
PCB-206			< 0.0422		< 0.00398					
PCB-207			< 0.0304		< 0.00282					

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52OA3	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS10
		8/8/2010	8/8/2010	11/20/2010	11/21/2010	2/5/2010	2/5/2010	3/26/2010	3/26/2010	8/6/2010
		AROA3-100808-01	AROA3P-100808-01	AROA3-101120-01	AROA3P-101121-01	ARSS10-100205-01	ARSS10-100205-02	ARSS10-100326-01	ARSS10-100326-02	ARSS10-100806-01
PCB-208			< 0.0319		< 0.00292					
PCB-209			< 0.0302		< 0.00347					

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS6	BLDG52SS6
		8/6/2010	11/19/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010
		ARSS10-100806-02	ARSS10-101119-01	ARSS10-101119-02	ARSS11-100205-01	ARSS11-100326-01	ARSS11-100806-01	ARSS11-101119-01	ARSS6-100205-01	ARSS6-100326-01
VOCs										
Acetone	67-64-1	< 48	< 8.2	< 8.2			17 J	41 J		
Acetonitrile	75-05-8	< 6.7	< 48	< 48			< 6.7	< 48		
Acrolein	107-02-8	< 7.3	< 6.7	< 6.7			< 7.3	< 6.7		
Acrylonitrile	107-13-1	< 17	< 7.3	< 7.3			< 17	< 7.3		
Allyl Chloride	107-05-1	< 2.5	< 17	< 17			< 2.5	< 17		
Benzene	71-43-2	0.72 J	1.2 J	0.98 J	1.3 J	1.3 J	1 J	2.5 J	1.6 J	< 2.6
Benzyl Chloride	100-44-7	< 8.3	< 8.3	< 8.3			< 8.3	< 8.3		
Bromodichloromethane	75-27-4	< 5.4	< 5.4	< 5.4			< 5.4	< 5.4		
Bromoform	75-25-2	< 8.3	< 8.3	< 8.3			< 8.3	< 8.3		
Bromomethane	74-83-9	< 3.1	< 3.1	< 3.1			< 3.1	< 3.1		
Butadiene, 1,3-	106-99-0	< 3.5	< 3.5	< 3.5			< 3.5	< 3.5		
Butane, n-	106-97-8	0.78 J	4.2	3.4 J			7	10		
Carbon Disulfide	75-15-0	< 6.2	< 5	< 5			< 6.2	< 5		
Carbon Tetrachloride	56-23-5	< 5	< 3.7	< 3.7			< 5	< 3.7		
Chlorobenzene	108-90-7	< 3.7	< 2.8	< 2.8			< 3.7	< 2.8		
Chlorodifluoromethane	75-45-6	30	2.5 J	2.3 J			23	2.9		
Chloroethane	75-00-3	< 2.1	< 3.9	< 3.9			< 2.1	< 3.9		
Chloroform	67-66-3	< 3.9	< 4.1	< 4.1	< 3.9	0.84 J	< 3.9	< 4.1	< 3.9	2.6 J
Chloromethane	74-87-3	< 4.1	< 3.2	< 3.2			< 4.1	1.3 J		
cis-1,3-Dichloropropene	10061-01-5	< 3.6	< 7.9	< 7.9			< 3.6	< 7.9		
Cyclohexane	110-82-7	< 6.9	< 6.9	< 6.9			< 6.9	0.72 J		
Decane, n-	124-18-5	2.1 J	1.4 J	2.1 J			< 23	2.4 J		
Dibromochloromethane	124-48-1	< 6.8	< 11	< 11			< 6.8	< 11		
Dibromoethane, 1,2-	106-93-4	< 6.1	< 6.1	< 6.1			< 6.1	< 6.1		
Dibromomethane (Methylene Bromide)	74-95-3	< 11	< 4	< 4			< 11	< 4		
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2	< 5.6	< 5.6	< 5.6			< 5.6	< 5.6		
Dichlorobenzene, 1,2-	95-50-1	< 4.8	< 4.8	< 4.8	< 4.8	< 4.8	< 4.8	< 4.8	< 4.8	< 4.8
Dichlorobenzene, 1,3-	541-73-1	< 4.8	< 4.8	< 4.8			< 4.8	< 4.8		
Dichlorobenzene, 1,4-	106-46-7	< 4.8	< 4.8	< 4.8	< 4.8	< 4.8	8.5	< 4.8	< 4.8	< 4.8
Dichlorodifluoromethane	75-71-8	88	70	77			3.8 J	2.9 J		
Dichloroethane, 1,1-	75-34-3	< 3.2	< 3.2	< 3.2			< 3.2	< 3.2		
Dichloroethane, 1,2-	107-06-2	< 3.2	< 3.2	< 3.2			< 3.2	< 3.2		
Dichloroethene, 1,1-	75-35-4	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2
Dichloroethylene, 1,2-cis-	156-59-2	< 3.2	< 3.6	< 3.6	< 3.2	< 3.2	< 3.2	< 3.6	< 3.2	< 3.2
Dichloroethylene, 1,2-trans-	156-60-5	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2
Dichloropropane, 1,2-	78-87-5	< 3.7	< 3.7	< 3.7			< 3.7	< 3.7		
Dichloropropene, trans-1,3-	10061-02-6	< 3.6	< 3.6	< 3.6			< 3.6	< 3.6		
Dodecane, n-	112-40-3	< 28	< 7	2.4 J			< 28	< 7		
Ethyl Ether	60-29-7	< 24	< 3.5	< 3.5			< 24	< 3.5		
Ethylbenzene	100-41-4	< 3.5	2.5 J	3.1 J	5	3.9	2.1 J	3.9	2.3 J	2.8 J
Heptane, n-		< 8.2	< 3.5	< 3.5			6.6 J	4.9 J		
Hexachlorobutadiene	87-68-3	< 43	< 14	< 14			< 43	< 14		
Hexane, N-	110-54-3	13	1.4 BJ	0.88 BJ			11	3.5 BJ		
Hexanone, 2-	591-78-6	< 8.2	< 8.2	< 8.2			< 8.2	< 8.2		
Isopropylbenzene (Cumene)	98-82-8	< 7.9	< 10	1.2 J			< 7.9	< 10		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 12	< 12	< 12			3.1 J	3.9 J		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS6	BLDG52SS6
		8/6/2010	11/19/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010
		ARSS10-100806-02	ARSS10-101119-01	ARSS10-101119-02	ARSS11-100205-01	ARSS11-100326-01	ARSS11-100806-01	ARSS11-101119-01	ARSS6-100205-01	ARSS6-100326-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	< 8.2	< 2.5	< 2.5			< 8.2	< 2.5		
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 14	< 28	< 28			< 14	< 28		
Methylene Chloride	75-09-2	2.9 J B	1.9 BJ	1.7 BJ			4 J B	1.8 BJ		
Methylstyrene, Alpha-	98-83-9	< 7.7	< 7.7	< 7.7			< 7.7	< 7.7		
Naphthalene	91-20-3	< 10	< 8.2	4.8 J			< 10	7.3 J		
Nonane, n-	111-84-2	5.3 J	5.7 J	5.4 J			< 10	1 J		
Octane, n-	111-65-9	2.4 J	2 J	2 J			6.4 J	3.9 J		
Pentane, n-	109-66-0	< 12	0.91 J	< 12			4.6 J	4.7 J		
Propylbenzene, n-	103-65-1	< 7.9	< 10	< 10			< 7.9	< 10		
Styrene	100-42-5	< 3.4	< 3.4	< 3.4			< 3.4	< 3.4		
Tetrachloroethane, 1,1,2,2-	79-34-5	< 5.5	< 5.5	< 5.5			< 5.5	< 5.5		
Tetrachloroethene	127-18-4	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4
Toluene	108-88-3	1.5 J	3.7 B	3.4 B	13	6.3	3.9	11 B	7.8	3
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	< 6.1					< 6.1			
Trichlorobenzene, 1,2,4-	120-82-1	< 30	< 30	< 30			< 30	< 30		
Trichloroethane, 1,1,1-	71-55-6	< 4.4	< 4.4	< 4.4			< 4.4	< 4.4		
Trichloroethane, 1,1,2-	79-00-5	< 4.4	< 6.1	< 6.1			< 4.4	< 6.1		
Trichloroethene	79-01-6	1.4 J	1.8 J	1.5 J	0.79 J	< 2.1	< 2.1	< 2.1	< 2.1	2.2
Trichlorofluoromethane	75-69-4	1.4 J	1.7 J	1.5 J			2.5 J	1.2 J		
Trichlorotrifluoroethane, 1,1,2-			< 4.4	< 4.4				< 4.4		
Trimethylbenzene, 1,2,4-	95-63-6	< 3.9	1.9 J	3.1 J			2.4 J	8		
Trimethylbenzene, 1,3,5-	108-67-8	< 3.9	< 3.9	< 3.9			< 3.9	1.8 J		
Undecane, n-	1120-21-4	< 26	< 7.9	2 J			< 26	1.9 J		
Vinyl Acetate	108-05-4	< 14	< 14	< 14			< 14	< 14		
Vinyl Chloride	75-01-4	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylene, o-	95-47-6	< 3.5	2.4 J	3.4 J	7.4	4.1	2.3 J	5.2	4.4	3.3 J
Xylenes, m & p		2.2 J	8.8	12	19	14	8.1	14	9.5	11
PCBs and Dioxins										
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS6	BLDG52SS6
		8/6/2010	11/19/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010
		ARSS10-100806-02	ARSS10-101119-01	ARSS10-101119-02	ARSS11-100205-01	ARSS11-100326-01	ARSS11-100806-01	ARSS11-101119-01	ARSS6-100205-01	ARSS6-100326-01
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS6	BLDG52SS6
		8/6/2010	11/19/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010
		ARSS10-100806-02	ARSS10-101119-01	ARSS10-101119-02	ARSS11-100205-01	ARSS11-100326-01	ARSS11-100806-01	ARSS11-101119-01	ARSS6-100205-01	ARSS6-100326-01
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS6	BLDG52SS6
		8/6/2010	11/19/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010
		ARSS10-100806-02	ARSS10-101119-01	ARSS10-101119-02	ARSS11-100205-01	ARSS11-100326-01	ARSS11-100806-01	ARSS11-101119-01	ARSS6-100205-01	ARSS6-100326-01
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS6	BLDG52SS6
		8/6/2010	11/19/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010
		ARSS10-100806-02	ARSS10-101119-01	ARSS10-101119-02	ARSS11-100205-01	ARSS11-100326-01	ARSS11-100806-01	ARSS11-101119-01	ARSS6-100205-01	ARSS6-100326-01
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS10	BLDG52SS10	BLDG52SS10	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS11	BLDG52SS6	BLDG52SS6
		8/6/2010	11/19/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010
		ARSS10-100806-02	ARSS10-101119-01	ARSS10-101119-02	ARSS11-100205-01	ARSS11-100326-01	ARSS11-100806-01	ARSS11-101119-01	ARSS6-100205-01	ARSS6-100326-01
PCB-208										
PCB-209										

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS7	BLDG52SS7	BLDG52SS7	BLDG52SS7
		3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	8/6/2010
		ARSS6P-100327-01	ARSS6-100806-01	ARSS6P-100807-01	ARSS6-101119-01	ARSS6P-101120-01	ARSS7-100205-01	ARSS7P-100207-01	ARSS7-100326-01	ARSS7-100806-01
VOCs										
Acetone	67-64-1		< 48		< 8.2					370
Acetonitrile	75-05-8		< 6.7		< 48					< 6.7
Acrolein	107-02-8		< 7.3		< 6.7					1.9 J
Acrylonitrile	107-13-1		< 17		< 7.3					< 17
Allyl Chloride	107-05-1		< 2.5		< 17					< 2.5
Benzene	71-43-2		< 2.6		0.83 J		24		5.5	5.4
Benzyl Chloride	100-44-7		< 8.3		< 8.3					< 8.3
Bromodichloromethane	75-27-4		< 5.4		< 5.4					< 5.4
Bromoform	75-25-2		< 8.3		< 8.3					< 8.3
Bromomethane	74-83-9		< 3.1		< 3.1					< 3.1
Butadiene, 1,3-	106-99-0		< 3.5		< 3.5					< 3.5
Butane, n-	106-97-8		0.65 J		1.6 J					19
Carbon Disulfide	75-15-0		0.83 J B		< 5					< 6.2
Carbon Tetrachloride	56-23-5		< 5		< 3.7					< 5
Chlorobenzene	108-90-7		< 3.7		< 2.8					< 3.7
Chlorodifluoromethane	75-45-6		29		3.2					20
Chloroethane	75-00-3		< 2.1		< 3.9					< 2.1
Chloroform	67-66-3		4.1		3.5 J		3.3 J		0.99 J	< 3.9
Chloromethane	74-87-3		< 4.1		< 3.2					< 4.1
cis-1,3-Dichloropropene	10061-01-5		< 3.6		< 7.9					< 3.6
Cyclohexane	110-82-7		< 6.9		< 6.9					< 6.9
Decane, n-	124-18-5		1.5 J		1.9 J					34
Dibromochloromethane	124-48-1		< 6.8		< 11					< 6.8
Dibromoethane, 1,2-	106-93-4		< 6.1		< 6.1					< 6.1
Dibromomethane (Methylene Bromide)	74-95-3		< 11		< 4					< 11
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2		< 5.6		< 5.6					< 5.6
Dichlorobenzene, 1,2-	95-50-1		< 4.8		< 4.8		< 12		< 4.8	< 4.8
Dichlorobenzene, 1,3-	541-73-1		< 4.8		< 4.8					< 4.8
Dichlorobenzene, 1,4-	106-46-7		10		< 4.8		< 12		< 4.8	6.9
Dichlorodifluoromethane	75-71-8		120		60					2.4 J
Dichloroethane, 1,1-	75-34-3		< 3.2		< 3.2					< 3.2
Dichloroethane, 1,2-	107-06-2		< 3.2		< 3.2					1.1 J
Dichloroethene, 1,1-	75-35-4		< 3.2		< 3.2		< 7.9		< 3.2	< 3.2
Dichloroethylene, 1,2-cis-	156-59-2		< 3.2		< 3.6		< 7.9		< 3.2	< 3.2
Dichloroethylene, 1,2-trans-	156-60-5		< 3.2		< 3.2		< 7.9		< 3.2	< 3.2
Dichloropropane, 1,2-	78-87-5		< 3.7		< 3.7					< 3.7
Dichloropropene, trans-1,3-	10061-02-6		< 3.6		< 3.6					< 3.6
Dodecane, n-	112-40-3		< 28		< 7					< 28
Ethyl Ether	60-29-7		< 24		< 3.5					< 24
Ethylbenzene	100-41-4		2.9 J		4		11		4.5	5.3
Heptane, n-			< 8.2		1.7 J					42
Hexachlorobutadiene	87-68-3		< 43		< 14					< 43
Hexane, N-	110-54-3		19		2.6 BJ					27
Hexanone, 2-	591-78-6		< 8.2		< 8.2					< 8.2
Isopropylbenzene (Cumene)	98-82-8		< 7.9		< 10					3.6 J
Methyl Ethyl Ketone (2-Butanone)	78-93-3		< 12		< 12					3.5 J

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS7	BLDG52SS7	BLDG52SS7	BLDG52SS7
		3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	8/6/2010
		ARSS6P-100327-01	ARSS6-100806-01	ARSS6P-100807-01	ARSS6-101119-01	ARSS6P-101120-01	ARSS7-100205-01	ARSS7P-100207-01	ARSS7-100326-01	ARSS7-100806-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		< 8.2		< 2.5					7.1 J
Methyl tert-Butyl Ether (MTBE)	1634-04-4		< 14		< 28					< 14
Methylene Chloride	75-09-2		1.6 J B		1.6 BJ					1.9 J B
Methylstyrene, Alpha-	98-83-9		< 7.7		< 7.7					< 7.7
Naphthalene	91-20-3		< 10		< 8.2					< 10
Nonane, n-	111-84-2		1.2 J		< 7.5					6 J
Octane, n-	111-65-9		< 7.5		0.97 J					91
Pentane, n-	109-66-0		< 12		2.5 J					9.8 J
Propylbenzene, n-	103-65-1		< 7.9		< 10					< 7.9
Styrene	100-42-5		< 3.4		< 3.4					20
Tetrachloroethane, 1,1,2,2-	79-34-5		< 5.5		< 5.5					< 5.5
Tetrachloroethene	127-18-4		1.7 J		< 5.4		< 14		< 5.4	3.2 J
Toluene	108-88-3		3.7		11 B		23		12	12
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1		< 6.1							< 6.1
Trichlorobenzene, 1,2,4-	120-82-1		< 30		< 30					< 30
Trichloroethane, 1,1,1-	71-55-6		< 4.4		< 4.4					< 4.4
Trichloroethane, 1,1,2-	79-00-5		< 4.4		< 6.1					< 4.4
Trichloroethene	79-01-6		0.85 J		3.5		6.8		5.4	0.99 J
Trichlorofluoromethane	75-69-4		1.8 J		1.4 J					1.6 J
Trichlorotrifluoroethane, 1,1,2-					< 4.4					
Trimethylbenzene, 1,2,4-	95-63-6		3.3 J		9.1					2 J
Trimethylbenzene, 1,3,5-	108-67-8		< 3.9		2.3 J					1.9 J
Undecane, n-	1120-21-4		1.6 J		2.1 J					17 J
Vinyl Acetate	108-05-4		< 14		< 14					< 14
Vinyl Chloride	75-01-4		< 2		< 2		< 5.1		< 2	< 2
Xylene, o-	95-47-6		3.6		5.2		11		4.3	3 J
Xylenes, m & p			12		16		20		13	6.9
PCBs and Dioxins										
PCB-001		2.3E-05		3.9E-05 QB		2.4E-05 BS		1.1E-05 J		
PCB-002		4.2E-06 QJ		6.6E-06 QBJ		4.3E-06 QBJ		2E-06 QJ		
PCB-003		6.8E-06 QJ		2E-05		1.3E-05 J		7.2E-06 QJ		
PCB-004		3E-05		6.5E-05		4.6E-05 QB		1.1E-05 QJ		
PCB-005		< 0.00852		1.6E-06 QJ		1.2E-06 QBJ		9E-07 QJ		
PCB-006		9E-06 QJ		1.9E-05 Q		1.6E-05 QB		5.7E-06 QJ		
PCB-007		8.6E-06 QJ		1.3E-05 QJ		6.5E-06 QBJ		1.3E-05 Q		
PCB-008		3.9E-05		9.8E-05 B		8E-05 B		2.6E-05 B		
PCB-009		2.3E-06 QJ		6.7E-06 J		5.2E-06 QJ		3.5E-06 QJ		
PCB-010		1.7E-06 QJ		2.5E-06 QJ		1.6E-06 QJ		1.5E-06 QJ		
PCB-011		2.5E-05 BJ		5.1E-05 QB		0.00015 B		4.5E-05 B		
PCB-012		< 0.00808		1.5E-06 QBJ		2.8E-06 QJ		1.8E-06 QJ		
PCB-013		< 0.00808		1.5E-06 QBJ		2.8E-06 QJ		1.8E-06 QJ		
PCB-014		< 0.00697		< 0.00716		< 0.00692		< 0.00733		
PCB-015		4.7E-06 QJ		1.2E-05 QBJ		8.6E-06 QBJ		5.5E-06 QJ		
PCB-016		5.7E-06 J		1.9E-05 Q		1.8E-05 B		7.4E-06 J		
PCB-017		3.5E-05		5.8E-05		3.9E-05 B		3.7E-05		
PCB-018		2E-05 J C		6.3E-05 B C		5.7E-05 B C		1.9E-05 BJ		
PCB-019		< 0.0104		9.1E-06 J		8.4E-06 J		2.9E-06 QJ		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS7	BLDG52SS7	BLDG52SS7	BLDG52SS7
		3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	8/6/2010
		ARSS6P-100327-01	ARSS6-100806-01	ARSS6P-100807-01	ARSS6-101119-01	ARSS6P-101120-01	ARSS7-100205-01	ARSS7P-100207-01	ARSS7-100326-01	ARSS7-100806-01
PCB-020		1.3E-05 J C		3.8E-05 B C		2.4E-05 BJ		1.4E-05 BJ		
PCB-021		2.1E-05 C		4.4E-05 B C		2.5E-05 QB		2.6E-05 QB		
PCB-022		2.4E-06 QJ		1.1E-05 BJ		7.3E-06 BJ		3.1E-06 QJ		
PCB-023		< 0.00362		< 0.00452		< 0.0056		< 0.00581		
PCB-024		< 0.00709		< 0.00589		< 0.00505		< 0.00658		
PCB-025		4.2E-06 J		7.4E-06 QJ		5E-06 BJ		5.8E-06 J		
PCB-026		1.5E-06 QJ		5.1E-06 QJ		4.3E-06 BJ		2.9E-06 QJ		
PCB-027		< 0.00612		2.9E-06 QJ		2.6E-06 J		2.1E-06 J		
PCB-028		1.3E-05 J C		3.8E-05 B C		2.4E-05 BJ		1.4E-05 BJ		
PCB-029		1.5E-06 QJ		5.1E-06 QJ		4.3E-06 BJ		2.9E-06 QJ		
PCB-030		2E-05 J C		6.3E-05 B C		5.7E-05 B C		1.9E-05 BJ		
PCB-031		9.7E-06 J		3.6E-05 B		2.6E-05 BJ		1.1E-05 BJ		
PCB-032		4.2E-06 J		1.4E-05 J		1.2E-05 BJ		6.1E-06 J		
PCB-033		2.1E-05 C21		4.4E-05 B C		2.5E-05 QB		2.6E-05 QB		
PCB-034		< 0.00356		< 0.00445		< 0.00551		< 0.00572		
PCB-035		< 0.00366		< 0.00457		< 0.00566		< 0.00588		
PCB-036		< 0.00354		< 0.00442		< 0.00547		< 0.00568		
PCB-037		< 0.00363		2.1E-06 QBJ		< 0.00562		< 0.00583		
PCB-038		< 0.00373		< 0.00466		< 0.00577		< 0.006		
PCB-039		< 0.00332		< 0.00414		< 0.00513		< 0.00533		
PCB-040		< 0.00781		3.8E-06 QJ		< 0.00667		< 0.00958		
PCB-041		< 0.00781		3.8E-06 QJ		< 0.00667		< 0.00958		
PCB-042		3.1E-06 J		3.9E-06 QJ		5.8E-06 QJ		< 0.00974		
PCB-043		< 0.0073		< 0.0078		< 0.00623		< 0.00895		
PCB-044		0.00245 C		0.00344 B C		0.00162 B C		0.00318 B C		
PCB-045		0.00071 C		0.00101 C		0.0005 B C		0.00077 C		
PCB-046		2.2E-06 J		5.3E-06 QJ		1.9E-06 QJ		7.2E-06 QJ		
PCB-047		0.00245 C44		0.00344 B C		0.00162 B C		0.00318 B C		
PCB-048		< 0.00775		1.7E-06 QJ		2.2E-06 QBJ		< 0.0095		
PCB-049		2.7E-05 C		4.6E-05 B C		2.3E-05 B C		3.8E-05 C		
PCB-050		< 0.00752		4.1E-06 QJ		2E-06 QJ		1.5E-06 J C		
PCB-051		0.00071 C45		0.00101 C45		0.0005 B C		0.00077 C45		
PCB-052		6.8E-06 J		3.9E-05 B		2.2E-05 B		7.1E-06 QBJ		
PCB-053		< 0.00752		4.1E-06 QJ		2E-06 QJ		1.5E-06 J C		
PCB-054		< 0.00923		< 0.00667		< 0.00503		< 0.00744		
PCB-055		< 0.00605		< 0.00647		< 0.00517		< 0.00742		
PCB-056		< 0.00569		< 0.00608		1.2E-06 QBJ		< 0.00698		
PCB-057		< 0.00576		< 0.00616		< 0.00492		< 0.00706		
PCB-058		< 0.00573		< 0.00613		< 0.0049		< 0.00703		
PCB-059		1.9E-06 QJ		< 0.00594		2.8E-06 QJ		< 0.00682		
PCB-060		< 0.00586		< 0.00627		< 0.00501		< 0.00719		
PCB-061		2.6E-06 QJ		1E-05 BJ		6.6E-06 QBJ		3.4E-06 BJ		
PCB-062		1.9E-06 QJ		< 0.00594		2.8E-06 QJ		< 0.00682		
PCB-063		< 0.00534		< 0.00571		< 0.00456		< 0.00655		
PCB-064		< 0.00526		5.2E-06 BJ		< 0.0045		< 0.00645		
PCB-065		0.00245 C44		0.00344 B C		0.00162 B C		0.00318 B C		
PCB-066		1.4E-06 J		3.3E-06 QBJ		1.9E-06 QBJ		3.6E-06 J		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS7	BLDG52SS7	BLDG52SS7	BLDG52SS7
		3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	8/6/2010
		ARSS6P-100327-01	ARSS6-100806-01	ARSS6P-100807-01	ARSS6-101119-01	ARSS6P-101120-01	ARSS7-100205-01	ARSS7P-100207-01	ARSS7-100326-01	ARSS7-100806-01
PCB-067		< 0.00518		< 0.00554		< 0.00442		< 0.00635		
PCB-068		0.00015		0.00021		0.0001 B		0.00017		
PCB-069		2.7E-05 C49		4.6E-05 B C		2.3E-05 B C		3.8E-05 C49		
PCB-070		2.6E-06 QJ		1E-05 BJ		6.6E-06 QBJ		3.4E-06 BJ		
PCB-071		< 0.00781		3.8E-06 QJ		< 0.00667		< 0.00958		
PCB-072		< 0.0056		< 0.00599		< 0.00479		< 0.00687		
PCB-073		< 0.0073		< 0.0078		< 0.00623		< 0.00895		
PCB-074		2.6E-06 QJ		1E-05 BJ		6.6E-06 QBJ		3.4E-06 BJ		
PCB-075		1.9E-06 QJ		< 0.00594		2.8E-06 QJ		< 0.00682		
PCB-076		2.6E-06 QJ		1E-05 BJ		6.6E-06 QBJ		3.4E-06 BJ		
PCB-077	32598-13-3	< 0.00522		< 0.00603		< 0.00481		< 0.00676		
PCB-078		< 0.00595		< 0.00636		< 0.00509		< 0.0073		
PCB-079		< 0.00522		< 0.00558		< 0.00446		< 0.00641		
PCB-080		< 0.0051		< 0.00545		< 0.00436		< 0.00625		
PCB-081	70362-50-4	< 0.00559		< 0.00553		< 0.00442		< 0.00647		
PCB-082		< 0.00599		< 0.00571		< 0.00315		< 0.0069		
PCB-083		< 0.00503		3.1E-06 QJ		2.2E-06 QBJ		< 0.0058		
PCB-084		< 0.00572		3.1E-06 J		1.7E-06 QJ		< 0.00659		
PCB-085		< 0.00415		< 0.00395		< 0.00218		< 0.00478		
PCB-086		< 0.00424		3.9E-06 QJ		2.1E-06 QBJ		1.5E-06 QJ		
PCB-087		< 0.00424		3.9E-06 QJ		2.1E-06 QBJ		1.5E-06 QJ		
PCB-088		< 0.0051		1.9E-06 J C		< 0.00268		< 0.00588		
PCB-089		< 0.00554		< 0.00528		< 0.00291		< 0.00638		
PCB-090		1.9E-06 QJ		7.4E-06 BJ		4.8E-06 BJ		3.1E-06 J C		
PCB-091		< 0.0051		1.9E-06 J C		< 0.00268		< 0.00588		
PCB-092		< 0.0049		< 0.00467		8.5E-07 QJ		< 0.00564		
PCB-093		< 0.00492		< 0.00469		< 0.00259		< 0.00567		
PCB-094		< 0.00554		< 0.00528		< 0.00291		< 0.00638		
PCB-095		3.3E-06 QJ		1.5E-05		8E-06 QBJ		2.7E-06 QJ		
PCB-096		< 0.00414		< 0.00395		< 0.00218		< 0.00477		
PCB-097		< 0.00424		3.9E-06 QJ		2.1E-06 QBJ		1.5E-06 QJ		
PCB-098		< 0.00477		< 0.00455		< 0.00251		< 0.00549		
PCB-099		< 0.00503		3.1E-06 QJ		2.2E-06 QBJ		< 0.0058		
PCB-100		< 0.00492		< 0.00469		< 0.00259		< 0.00567		
PCB-101		1.9E-06 QJ		7.4E-06 BJ		4.8E-06 BJ		3.1E-06 J C		
PCB-102		< 0.00477		< 0.00455		< 0.00251		< 0.00549		
PCB-103		< 0.00486		< 0.00463		< 0.00255		< 0.00559		
PCB-104		< 0.00369		< 0.00352		< 0.00194		< 0.00425		
PCB-105	32598-14-4	< 0.00254		3.6E-06 QJ		6.3E-07 QBJ		< 0.00392		
PCB-106		< 0.00262		< 0.00319		< 0.00216		< 0.00406		
PCB-107		< 0.00268		< 0.00326		< 0.0022		< 0.00414		
PCB-108		< 0.00424		3.9E-06 QJ		2.1E-06 QBJ		1.5E-06 QJ		
PCB-109		< 0.00255		< 0.0031		< 0.0021		< 0.00394		
PCB-110		< 0.00366		7.2E-06 QBJ		4E-06 BJ		3.1E-06 J C		
PCB-111		< 0.00347		< 0.00331		< 0.00182		< 0.004		
PCB-112		< 0.00377		< 0.00359		< 0.00198		< 0.00434		
PCB-113		1.9E-06 QJ		7.4E-06 BJ		4.8E-06 BJ		3.1E-06 J C		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS7	BLDG52SS7	BLDG52SS7	BLDG52SS7
		3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	8/6/2010
		ARSS6P-100327-01	ARSS6-100806-01	ARSS6P-100807-01	ARSS6-101119-01	ARSS6P-101120-01	ARSS7-100205-01	ARSS7P-100207-01	ARSS7-100326-01	ARSS7-100806-01
PCB-114	74472-37-0	< 0.00246		< 0.00283		< 0.00197		< 0.00366		
PCB-115		< 0.00366		7.2E-06 QBJ		4E-06 BJ		3.1E-06 J C		
PCB-116		< 0.00415		< 0.00395		< 0.00218		< 0.00478		
PCB-117		< 0.00415		< 0.00395		< 0.00218		< 0.00478		
PCB-118	31508-00-6	< 0.00251		7.8E-06 QBJ		1.5E-06 BJ		2.2E-06 J		
PCB-119		< 0.00424		3.9E-06 QJ		2.1E-06 QBJ		1.5E-06 QJ		
PCB-120		< 0.00357		< 0.0034		< 0.00188		< 0.00411		
PCB-121		< 0.0036		< 0.00343		< 0.00189		< 0.00414		
PCB-122		< 0.00286		< 0.00348		< 0.00235		< 0.00442		
PCB-123	65510-44-3	< 0.0026		< 0.00325		< 0.0021		< 0.00402		
PCB-124		< 0.00268		< 0.00326		< 0.0022		< 0.00414		
PCB-125		< 0.00424		3.9E-06 QJ		2.1E-06 QBJ		1.5E-06 QJ		
PCB-126	57465-28-8	< 0.00248		< 0.0033		< 0.00227		< 0.00411		
PCB-127		< 0.00259		< 0.00316		< 0.00213		< 0.00402		
PCB-128		< 0.00469		1.8E-06 QJ		< 0.00254		< 0.00579		
PCB-129		< 0.00485		1.1E-05 J C		1.2E-06 QBJ		2.3E-06 QJ		
PCB-130		< 0.00626		< 0.00537		< 0.00339		< 0.00773		
PCB-131		< 0.00641		< 0.00551		< 0.00348		< 0.00791		
PCB-132		< 0.0061		2.8E-06 QJ		< 0.00331		< 0.00753		
PCB-133		< 0.00588		< 0.00505		< 0.00319		< 0.00726		
PCB-134		< 0.00627		< 0.00538		< 0.0034		< 0.00773		
PCB-135		< 0.00684		< 0.00459		< 0.0027		< 0.00629		
PCB-136		< 0.00502		9.6E-07 J		< 0.00198		< 0.00462		
PCB-137		< 0.0054		< 0.00464		< 0.00293		< 0.00666		
PCB-138		< 0.00485		1.1E-05 J C		1.2E-06 QBJ		2.3E-06 QJ		
PCB-139		< 0.00537		< 0.00461		< 0.00291		< 0.00663		
PCB-140		< 0.00537		< 0.00461		< 0.00291		< 0.00663		
PCB-141		< 0.00559		1.7E-06 QJ		< 0.00303		< 0.0069		
PCB-142		< 0.00617		< 0.00529		< 0.00334		< 0.00761		
PCB-143		< 0.00627		< 0.00538		< 0.0034		< 0.00773		
PCB-144		< 0.00635		< 0.00426		< 0.00251		< 0.00584		
PCB-145		< 0.0048		< 0.00323		< 0.0019		< 0.00442		
PCB-146		< 0.0051		1.2E-06 QJ		< 0.00277		< 0.00629		
PCB-147		1.5E-06 J C		6.3E-06 BJ		2.1E-06 BJ		1.8E-06 J C		
PCB-148		< 0.00672		< 0.00451		< 0.00265		< 0.00618		
PCB-149		1.5E-06 J C		6.3E-06 BJ		2.1E-06 BJ		1.8E-06 J C		
PCB-150		< 0.00468		< 0.00314		< 0.00185		< 0.0043		
PCB-151		< 0.00684		< 0.00459		< 0.0027		< 0.00629		
PCB-152		< 0.00478		< 0.00321		< 0.00189		< 0.00439		
PCB-153		< 0.00419		5.3E-06 QBJ		9E-07 QBJ		1.3E-06 QJ		
PCB-154		< 0.00557		< 0.00374		< 0.0022		< 0.00512		
PCB-155		< 0.00455		< 0.00306		< 0.0018		< 0.00419		
PCB-156		< 0.00543		1.6E-06 J C		< 0.00277		< 0.00582		
PCB-157	69782-90-7	< 0.00543		1.6E-06 J C		< 0.00277		< 0.00582		
PCB-158		< 0.00383		6.9E-07 QJ		< 0.00207		< 0.00472		
PCB-159		< 0.0041		< 0.00352		< 0.00222		< 0.00506		
PCB-160		< 0.00485		1.1E-05 J C		1.2E-06 QBJ		2.3E-06 QJ		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS7	BLDG52SS7	BLDG52SS7	BLDG52SS7
		3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	8/6/2010
		ARSS6P-100327-01	ARSS6-100806-01	ARSS6P-100807-01	ARSS6-101119-01	ARSS6P-101120-01	ARSS7-100205-01	ARSS7P-100207-01	ARSS7-100326-01	ARSS7-100806-01
PCB-161		< 0.00408		< 0.0035		< 0.00221		< 0.00504		
PCB-162		< 0.00405		< 0.00348		< 0.0022		< 0.005		
PCB-163		< 0.00485		1.1E-05 J C		1.2E-06 QBJ		2.3E-06 QJ		
PCB-164		< 0.00427		< 0.00367		< 0.00232		< 0.00527		
PCB-165		< 0.00449		< 0.00385		< 0.00243		< 0.00554		
PCB-166		< 0.00469		1.8E-06 QJ		< 0.00254		< 0.00579		
PCB-167	52663-72-6	< 0.00297		< 0.00256		< 0.00157		< 0.00385		
PCB-168		< 0.00419		5.3E-06 QBJ		9E-07 QBJ		1.3E-06 QJ		
PCB-169	32774-16-6	< 0.00303		< 0.00285		< 0.00183		< 0.0043		
PCB-170		< 0.00534		< 0.00402		< 0.00286		< 0.00485		
PCB-171		< 0.00505		< 0.00342		< 0.00259		< 0.00463		
PCB-172		< 0.005		< 0.00339		< 0.00257		< 0.00459		
PCB-173		< 0.00505		< 0.00342		< 0.00259		< 0.00463		
PCB-174		< 0.00468		< 0.00317		< 0.0024		< 0.00429		
PCB-175		< 0.0045		< 0.00305		< 0.00231		< 0.00412		
PCB-176		< 0.00343		< 0.00232		< 0.00176		< 0.00314		
PCB-177		< 0.0048		< 0.00325		< 0.00246		< 0.0044		
PCB-178		< 0.00486		< 0.0033		< 0.0025		< 0.00446		
PCB-179		< 0.00361		< 0.00245		< 0.00185		< 0.00331		
PCB-180		< 0.00382		1.5E-06 J C		1.2E-06 BJ		5E-07 QJ		
PCB-181		< 0.00449		< 0.00305		< 0.00231		< 0.00412		
PCB-182		< 0.00437		< 0.00296		< 0.00224		< 0.004		
PCB-183		< 0.00446		< 0.00303		< 0.00229		< 0.00409		
PCB-184		< 0.00371		< 0.00251		< 0.0019		< 0.0034		
PCB-185		< 0.00446		< 0.00303		< 0.00229		< 0.00409		
PCB-186		< 0.0036		< 0.00244		< 0.00185		< 0.0033		
PCB-187		< 0.00418		< 0.00283		< 0.00215		< 0.00383		
PCB-188		< 0.00317		< 0.00203		< 0.00159		< 0.00292		
PCB-189	39635-31-9	< 0.00237		< 0.00183		< 0.00172		< 0.00273		
PCB-190		< 0.00348		< 0.00236		< 0.00179		< 0.00319		
PCB-191		< 0.00342		< 0.00232		< 0.00176		< 0.00314		
PCB-192		< 0.00382		< 0.00259		< 0.00196		< 0.0035		
PCB-193		< 0.00382		1.5E-06 J C		1.2E-06 BJ		5E-07 QJ		
PCB-194		< 0.0034		< 0.00152		< 0.00131		< 0.00408		
PCB-195		< 0.00369		< 0.00165		< 0.00143		< 0.00443		
PCB-196		< 0.00569		< 0.00196		< 0.00163		< 0.00487		
PCB-197		< 0.00423		< 0.00146		< 0.00121		< 0.00362		
PCB-198		< 0.00587		< 0.00202		< 0.00168		< 0.00503		
PCB-199		< 0.00587		< 0.00202		< 0.00168		< 0.00503		
PCB-200		< 0.00416		< 0.00143		< 0.00119		< 0.00356		
PCB-201		< 0.00401		< 0.00138		< 0.00115		< 0.00344		
PCB-202		< 0.00452		< 0.00156		< 0.00129		< 0.00387		
PCB-203		< 0.00524		< 0.0018		< 0.0015		< 0.00449		
PCB-204		< 0.0044		< 0.00151		< 0.00126		< 0.00377		
PCB-205		< 0.00286		< 0.00128		< 0.00111		< 0.00343		
PCB-206		< 0.00793		< 0.00271		< 0.00173		< 0.00596		
PCB-207		< 0.00603		< 0.00192		< 0.00125		< 0.00433		

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS6	BLDG52SS7	BLDG52SS7	BLDG52SS7	BLDG52SS7
		3/27/2010	8/6/2010	8/7/2010	11/19/2010	11/20/2010	2/5/2010	2/7/2010	3/26/2010	8/6/2010
		ARSS6P-100327-01	ARSS6-100806-01	ARSS6P-100807-01	ARSS6-101119-01	ARSS6P-101120-01	ARSS7-100205-01	ARSS7P-100207-01	ARSS7-100326-01	ARSS7-100806-01
PCB-208		< 0.00659		< 0.00198		< 0.00132		< 0.00457		
PCB-209		< 0.00587		< 0.00194		< 0.00211		< 0.00594		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS7	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS9	BLDG52SS9	BLDG52SS9	BLDG52SS9
		11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010
		ARSS7-101119-01	ARSS8-100205-01	ARSS8-100326-01	ARSS8-100806-01	ARSS8-101119-01	ARSS9-100205-01	ARSS9-100326-01	ARSS9-100806-01	ARSS9-101119-01
VOCs										
Acetone	67-64-1	350			16 J	< 8.2			19 J	< 8.2
Acetonitrile	75-05-8	< 90			< 6.5	< 48			< 6.5	< 48
Acrolein	107-02-8	< 13			< 7.1	< 6.7			< 7.1	< 6.7
Acrylonitrile	107-13-1	< 14			< 17	< 7.3			< 17	< 7.3
Allyl Chloride	107-05-1	< 33			< 2.4	< 17			< 2.4	< 17
Benzene	71-43-2	4.9	2.6	0.79 J	< 2.5	0.73 J	1.7 J	< 2.6	< 2.5	0.72 J
Benzyl Chloride	100-44-7	< 16			< 8	< 8.3			< 8	< 8.3
Bromodichloromethane	75-27-4	< 10			< 5.2	< 5.4			< 5.2	< 5.4
Bromoform	75-25-2	< 16			< 8	< 8.3			< 8	< 8.3
Bromomethane	74-83-9	< 5.9			< 3	< 3.1			< 3	< 3.1
Butadiene, 1,3-	106-99-0	< 6.7			< 3.4	< 3.5			< 3.4	< 3.5
Butane, n-	106-97-8	8.3			1.2 J	2.1 J			1.6 J	1.7 J
Carbon Disulfide	75-15-0	< 9.5			< 6	< 5			1.5 J	< 5
Carbon Tetrachloride	56-23-5	< 6.9			< 4.8	< 3.7			< 4.8	< 3.7
Chlorobenzene	108-90-7	< 5.3			< 3.5	< 2.8			< 3.5	< 2.8
Chlorodifluoromethane	75-45-6	3.6 J			17	2.5 J			24	2.5 J
Chloroethane	75-00-3	< 7.4			< 2	< 3.9			< 2	< 3.9
Chloroform	67-66-3	< 7.8	34	6.7	10	12	< 3.9	< 3.9	0.79 J	< 4.1
Chloromethane	74-87-3	< 6			< 4	< 3.2			< 4	< 3.2
cis-1,3-Dichloropropene	10061-01-5	< 15			< 3.5	< 7.9			< 3.5	< 7.9
Cyclohexane	110-82-7	< 13			< 6.6	< 6.9			< 6.6	< 6.9
Decane, n-	124-18-5	19 J			< 22	1.6 J			< 22	1.9 J
Dibromochloromethane	124-48-1	< 21			< 6.6	< 11			< 6.6	< 11
Dibromoethane, 1,2-	106-93-4	< 12			< 5.9	< 6.1			< 5.9	< 6.1
Dibromomethane (Methylene Bromide)	74-95-3	< 7.5			< 11	< 4			< 11	< 4
Dichloro-1,1,2,2-tetrafluoroethane, 1,2-	76-14-2	< 11			< 5.4	< 5.6			< 5.4	< 5.6
Dichlorobenzene, 1,2-	95-50-1	< 9.1	< 4.8	< 4.8	< 4.6	< 4.8	< 4.8	< 4.8	< 4.6	< 4.8
Dichlorobenzene, 1,3-	541-73-1	< 9.1			< 4.6	< 4.8			< 4.6	< 4.8
Dichlorobenzene, 1,4-	106-46-7	< 9.1	1.8 JB	< 4.8	6.7	< 4.8	< 4.8	< 4.8	6.6	< 4.8
Dichlorodifluoromethane	75-71-8	3.3 J			2.2 J	2.8 J			190	93
Dichloroethane, 1,1-	75-34-3	< 6.1			< 3.1	< 3.2			< 3.1	< 3.2
Dichloroethane, 1,2-	107-06-2	< 6.1			< 3.1	< 3.2			< 3.1	< 3.2
Dichloroethene, 1,1-	75-35-4	< 6	< 3.2	< 3.2	< 3.1	< 3.2	< 3.2	< 3.2	< 3.1	< 3.2
Dichloroethylene, 1,2-cis-	156-59-2	< 6.8	< 3.2	< 3.2	< 3.1	< 3.6	< 3.2	< 3.2	< 3.1	< 3.6
Dichloroethylene, 1,2-trans-	156-60-5	< 6	< 3.2	< 3.2	< 3.1	< 3.2	< 3.2	< 3.2	< 3.1	< 3.2
Dichloropropane, 1,2-	78-87-5	< 7			< 3.6	< 3.7			< 3.6	< 3.7
Dichloropropene, trans-1,3-	10061-02-6	< 6.8			< 3.5	< 3.6			< 3.5	< 3.6
Dodecane, n-	112-40-3	< 13			< 27	< 7			< 27	2.2 J
Ethyl Ether	60-29-7	< 6.5			< 23	< 3.5			< 23	< 3.5
Ethylbenzene	100-41-4	8.9	5	3.7	< 3.3	2.8 J	4.5	2.6 J	1.4 J	2.8 J
Heptane, n-		24			1.4 J	0.84 J			< 7.9	< 3.5
Hexachlorobutadiene	87-68-3	< 27			< 41	< 14			< 41	< 14
Hexane, N-	110-54-3	6.2 BJ			24	2 BJ			28	1.6 BJ
Hexanone, 2-	591-78-6	< 15			< 7.9	< 8.2			< 7.9	< 8.2
Isopropylbenzene (Cumene)	98-82-8	3.8 J			< 7.6	< 10			< 7.6	< 10
Methyl Ethyl Ketone (2-Butanone)	78-93-3	< 22			2.6 J	< 12			3.1 J	< 12

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS7	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS9	BLDG52SS9	BLDG52SS9	BLDG52SS9
		11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010
		ARSS7-101119-01	ARSS8-100205-01	ARSS8-100326-01	ARSS8-100806-01	ARSS8-101119-01	ARSS9-100205-01	ARSS9-100326-01	ARSS9-100806-01	ARSS9-101119-01
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	5 J			< 7.9	< 2.5			< 7.9	< 2.5
Methyl tert-Butyl Ether (MTBE)	1634-04-4	< 53			< 14	< 28			< 14	< 28
Methylene Chloride	75-09-2	5.3 BJ			1.7 J B	3.9 BJ			1.7 J B	2.3 BJ
Methylstyrene, Alpha-	98-83-9	< 15			< 7.4	< 7.7			< 7.4	< 7.7
Naphthalene	91-20-3	< 15			< 10	< 8.2			< 10	1.9 J
Nonane, n-	111-84-2	5.9 J			< 10	< 7.5			< 10	< 7.5
Octane, n-	111-65-9	63			< 7.2	< 26			< 7.2	< 26
Pentane, n-	109-66-0	6.7 J			< 11	1.1 J			< 11	< 12
Propylbenzene, n-	103-65-1	2.4 J			< 7.6	< 10			< 7.6	< 10
Styrene	100-42-5	12			< 3.3	< 3.4			< 3.3	< 3.4
Tetrachloroethane, 1,1,2,2-	79-34-5	< 10			< 5.3	< 5.5			< 5.3	< 5.5
Tetrachloroethene	127-18-4	2.1 J	< 5.4	< 5.4	< 5.2	< 5.4	< 5.4	< 5.4	< 5.2	< 5.4
Toluene	108-88-3	19 B	11	4.2	2.3 J	6.7 B	9.8	2.4 J	1.7 J	6.4 B
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				< 5.9				< 5.9	
Trichlorobenzene, 1,2,4-	120-82-1	< 56			< 29	< 30			< 29	< 30
Trichloroethane, 1,1,1-	71-55-6	< 8.2			< 4.2	< 4.4			< 4.2	< 4.4
Trichloroethane, 1,1,2-	79-00-5	< 12			< 4.2	< 6.1			< 4.2	< 6.1
Trichloroethene	79-01-6	3.5 J	< 2.1	3.2	< 2.1	8.1	< 2.1	< 2.1	< 2.1	< 2.1
Trichlorofluoromethane	75-69-4	2 J			1.6 J	1.6 J			1.5 J	1.3 J
Trichlorotrifluoroethane, 1,1,2-		< 8.2				< 4.4				< 4.4
Trimethylbenzene, 1,2,4-	95-63-6	12			< 3.8	7.2			< 3.8	7.7
Trimethylbenzene, 1,3,5-	108-67-8	4 J			< 3.8	1.7 J			< 3.8	1.7 J
Undecane, n-	1120-21-4	15 J			< 25	2.2 J			< 25	2.7 J
Vinyl Acetate	108-05-4	< 27			< 14	< 14			< 14	< 14
Vinyl Chloride	75-01-4	< 3.9	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylene, o-	95-47-6	7.7	7.5	4.3	1.1 J	4	5.9	3 J	1.4 J	3.9
Xylenes, m & p		20	17	15	4	12	16	11	4.6	12
PCBs and Dioxins										
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-013										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS7	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS9	BLDG52SS9	BLDG52SS9	BLDG52SS9
		11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010
		ARSS7-101119-01	ARSS8-100205-01	ARSS8-100326-01	ARSS8-100806-01	ARSS8-101119-01	ARSS9-100205-01	ARSS9-100326-01	ARSS9-100806-01	ARSS9-101119-01
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-028										
PCB-029										
PCB-030										
PCB-031										
PCB-032										
PCB-033										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										
PCB-041										
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-047										
PCB-048										
PCB-049										
PCB-050										
PCB-051										
PCB-052										
PCB-053										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-062										
PCB-063										
PCB-064										
PCB-065										
PCB-066										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS7	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS9	BLDG52SS9	BLDG52SS9	BLDG52SS9
		11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010
		ARSS7-101119-01	ARSS8-100205-01	ARSS8-100326-01	ARSS8-100806-01	ARSS8-101119-01	ARSS9-100205-01	ARSS9-100326-01	ARSS9-100806-01	ARSS9-101119-01
PCB-067										
PCB-068										
PCB-069										
PCB-070										
PCB-071										
PCB-072										
PCB-073										
PCB-074										
PCB-075										
PCB-076										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-087										
PCB-088										
PCB-089										
PCB-090										
PCB-091										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-097										
PCB-098										
PCB-099										
PCB-100										
PCB-101										
PCB-102										
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-108										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-113										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS7	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS9	BLDG52SS9	BLDG52SS9	BLDG52SS9
		11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010
		ARSS7-101119-01	ARSS8-100205-01	ARSS8-100326-01	ARSS8-100806-01	ARSS8-101119-01	ARSS9-100205-01	ARSS9-100326-01	ARSS9-100806-01	ARSS9-101119-01
PCB-114	74472-37-0									
PCB-115										
PCB-116										
PCB-117										
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-124										
PCB-125										
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-135										
PCB-136										
PCB-137										
PCB-138										
PCB-139										
PCB-140										
PCB-141										
PCB-142										
PCB-143										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-149										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-157	69782-90-7									
PCB-158										
PCB-159										
PCB-160										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS7	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS9	BLDG52SS9	BLDG52SS9	BLDG52SS9
		11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010
		ARSS7-101119-01	ARSS8-100205-01	ARSS8-100326-01	ARSS8-100806-01	ARSS8-101119-01	ARSS9-100205-01	ARSS9-100326-01	ARSS9-100806-01	ARSS9-101119-01
PCB-161										
PCB-162										
PCB-163										
PCB-164										
PCB-165										
PCB-166										
PCB-167	52663-72-6									
PCB-168										
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-173										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-185										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-193										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-199										
PCB-200										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										

TABLE A-26
COMPARISON OF AIR DATA TO AIR SCREENING CRITERIA
BANNISTER FEDERAL COMPLEX

Chemical	CAS	BLDG52SS7	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS8	BLDG52SS9	BLDG52SS9	BLDG52SS9	BLDG52SS9
		11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010	2/5/2010	3/26/2010	8/6/2010	11/19/2010
		ARSS7-101119-01	ARSS8-100205-01	ARSS8-100326-01	ARSS8-100806-01	ARSS8-101119-01	ARSS9-100205-01	ARSS9-100326-01	ARSS9-100806-01	ARSS9-101119-01
PCB-208										
PCB-209										

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-27
Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWICBR
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	3/16/2010
		SWBCU-040831-11	SWBCU-070821-01	SWBCU-091029-01	SWBCU-100507-01	SWBCU-100922-01	SWBCU-110505-01	SWBCU-111005-01	SWBCU-120510-01	SWICBR-100316-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									
Trichloroethene	79-01-6									
Vinyl Chloride	75-01-4									
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									
Aluminum, Dissolved										
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									1.46
Uranium-234	13966-29-5									0.566
Uranium-235	15117-96-1									0.025
Uranium-238	7440-61-1									0.591
Zinc	7440-66-6									
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2	< 0.00042								

Table A-27
Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWICBR
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	3/16/2010
		SWBCU-040831-11	SWBCU-070821-01	SWBCU-091029-01	SWBCU-100507-01	SWBCU-100922-01	SWBCU-110505-01	SWBCU-111005-01	SWBCU-120510-01	SWICBR-100316-01
Aroclor 1232	11141-16-5	< 0.00042								
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5	< 0.00042								
PCB-001		0.00538	0.00621	0.0026	0.00166	0.00326	0.00338	0.00211	0.0121	
PCB-002		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-003		< 0.00042	< 0.00042	< 0.00021	< 0.00022	0.00024	< 0.00026	< 0.00021	0.00074	
PCB-004		0.00694	0.0543	0.00708	0.0189	0.0127	0.00881	0.0193	0.0213	
PCB-005		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-006		< 0.00042	0.00062	0.00028	< 0.00022	0.00039	< 0.00026	< 0.00021	0.00086	
PCB-007		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-008		0.00136	0.00214	0.00089	0.00033	0.00127	0.00136	0.0007	0.00321	
PCB-009		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-010		0.00089	0.00359	0.00066	0.00068	0.00091	0.00061	0.00057	0.00129	
PCB-011		< 0.00051	< 0.0005	< 0.00125	< 0.00134	< 0.00132	< 0.00158	< 0.00127	< 0.00127	
PCB-012		< 0.00042	0.00089	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	0.00067	
PCB-014		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-015		0.00051	0.00739	0.0012	0.00103	0.00217	0.00155	0.00294	0.00453	
PCB-016		< 0.00042	0.00107	0.00031	< 0.00022	0.00026	< 0.00026	0.0003	0.00048	
PCB-017		0.00062	0.00406	0.00071	0.00042	0.00093	0.00068	0.00099	0.00173	
PCB-018		0.00085	0.00295	0.00076	0.00052	0.00072	0.00067	0.00092	0.00118	
PCB-019		0.00139	0.00618	0.00159	0.0019	0.00223	0.00133	0.00281	0.00465	
PCB-020		0.0006	0.00347	0.00137	0.0005	0.00204	0.00108	0.00372	0.00433	
PCB-021		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	0.00046	
PCB-022		< 0.00042	0.00117	0.00052	< 0.00022	0.00067	0.00039	0.00097	0.00139	
PCB-023		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-024		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-025		< 0.00042	0.0007	< 0.00021	< 0.00022	0.00026	< 0.00026	0.00035	0.0005	
PCB-026		< 0.00042	0.0012	< 0.00042	< 0.00045	< 0.00044	< 0.00053	0.00072	0.00074	
PCB-027		< 0.00042	0.00146	0.00044	< 0.00022	0.00055	0.00034	0.00059	0.00099	
PCB-031		0.0006	0.00332	0.00087	0.00047	0.00132	0.00072	0.00225	0.00241	
PCB-032		0.00093	0.00378	0.00126	0.00049	0.00151	0.00086	0.00173	0.00293	
PCB-034		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-035		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-036		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-037		< 0.00042	0.00074	0.00025	< 0.00022	0.00047	< 0.00026	0.00096	0.00105	
PCB-038		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-039		< 0.00042	< 0.00042	< 0.00021	< 0.00022	< 0.00022	< 0.00026	< 0.00021	< 0.00021	
PCB-040		< 0.00042	0.00161	< 0.00125	< 0.00134	< 0.00132	< 0.00158	0.00158	0.00192	
PCB-042		< 0.00042	0.0007	< 0.00042	< 0.00045	0.00046	< 0.00053	0.00082	0.00107	
PCB-043		< 0.00042	< 0.00042	< 0.00083	< 0.00089	< 0.00088	< 0.00105	< 0.00085	< 0.00085	
PCB-044		< 0.00051	0.00268	< 0.00125	< 0.00134	0.00151	< 0.00158	0.00286	0.0034	

Table A-27
Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWICBR
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	3/16/2010
		SWBCU-040831-11	SWBCU-070821-01	SWBCU-091029-01	SWBCU-100507-01	SWBCU-100922-01	SWBCU-110505-01	SWBCU-111005-01	SWBCU-120510-01	SWICBR-100316-01
PCB-045		< 0.00042	0.00101	< 0.00083	< 0.00089	< 0.00088	< 0.00105	< 0.00085	0.00089	
PCB-046		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-048		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-049			0.00149	< 0.00083	< 0.00089	0.00102	< 0.00105	0.00204	0.00223	
PCB-050		< 0.00042	0.00072	< 0.00083	< 0.00089	< 0.00088	< 0.00105	< 0.00085	< 0.00085	
PCB-052		0.00052	0.00241	0.00115	< 0.00045	0.00171	0.00113	0.00305	0.00295	
PCB-054		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-055		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-056		< 0.00042	0.00072	< 0.00042	< 0.00045	0.0006	< 0.00053	0.00111	0.00158	
PCB-057		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-058		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-059		< 0.00042	< 0.00042	< 0.00125	< 0.00134	< 0.00132	< 0.00158	< 0.00127	< 0.00127	
PCB-060		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	0.00063	0.00083	
PCB-061		< 0.00042	0.00201	< 0.00166	< 0.00178	< 0.00175	< 0.0021	0.00296	0.00359	
PCB-063		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-064		< 0.00042	0.0011	0.00051	< 0.00045	0.00072	< 0.00053	0.00149	0.00167	
PCB-066		< 0.00042	0.00125	0.00068	< 0.00045	0.00129	0.00064	0.00247	0.00306	
PCB-067		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-068		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-069		< 0.00042								
PCB-072		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-077	32598-13-3	< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-078		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-079		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-080		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-081	70362-50-4	< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00044	< 0.00053	< 0.00043	< 0.00042	
PCB-082		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-083		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-084		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-085		< 0.00051	< 0.0005	< 0.00125	< 0.00134	< 0.00134	< 0.00158	< 0.00127	< 0.00127	
PCB-086			< 0.00084	< 0.00249	< 0.00268	< 0.00267	< 0.00315	< 0.00255	< 0.00253	
PCB-088		< 0.00042	< 0.00042	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-089		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-090		< 0.00042	0.00052	< 0.00125	< 0.00134	< 0.00134	< 0.00158	< 0.00127	< 0.00127	
PCB-092		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-093		< 0.00063	< 0.00063	< 0.00166	< 0.00178	< 0.00178	< 0.0021	< 0.0017	< 0.00169	
PCB-094		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-095		< 0.00042	0.00062	< 0.00042	< 0.00045	0.00061	< 0.00053	0.00059	0.00081	
PCB-096		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-099		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	0.00057	
PCB-103		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-104		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-105	32598-14-4	< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	0.00051	

Table A-27
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Bannister Federal Complex

Chemical	CAS	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWICBR
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	3/16/2010
		SWBCU-040831-11	SWBCU-070821-01	SWBCU-091029-01	SWBCU-100507-01	SWBCU-100922-01	SWBCU-110505-01	SWBCU-111005-01	SWBCU-120510-01	SWICBR-100316-01
PCB-106		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-107		< 0.00042	< 0.00042	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-109		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-110		< 0.00042	0.00061	< 0.00083	< 0.00089	0.00089	< 0.00105	< 0.00085	0.00132	
PCB-111		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-112		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-114	74472-37-0	< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-118	31508-00-6	< 0.00042	< 0.00042	< 0.00042	< 0.00045	0.00056	< 0.00053	0.00058	0.00099	
PCB-119		< 0.00084								
PCB-120		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-121		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-122			< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-123	65510-44-3		< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-126	57465-28-8		< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-127		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-128		< 0.00084	< 0.00084	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-129		< 0.00042	< 0.00042	< 0.00125	< 0.00134	< 0.00134	< 0.00158	< 0.00127	< 0.00127	
PCB-130		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-131		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-132		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-133		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-134		< 0.00042	< 0.00042	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-136		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-137		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-139		< 0.00042	< 0.00042	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-141		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-142		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-144		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-145		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-146		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-147		< 0.00042	< 0.00042	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-148		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-150		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-151		< 0.00043	< 0.00043	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-152		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-153		< 0.00051	< 0.0005	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-154		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-155		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-156		< 0.00042	< 0.00042	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-158		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-159		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-160		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-161		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	

Table A-27
Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWICBR
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	3/16/2010
		SWBCU-040831-11	SWBCU-070821-01	SWBCU-091029-01	SWBCU-100507-01	SWBCU-100922-01	SWBCU-110505-01	SWBCU-111005-01	SWBCU-120510-01	SWICBR-100316-01
PCB-162		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-164		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-165		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-167	52663-72-6	< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-169	32774-16-6	< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-170		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-171		< 0.00042	< 0.00042	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-172		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-174		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-175		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-176		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-177		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-178		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-179		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-180		< 0.00042	< 0.00042	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-181		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-182		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-183		< 0.00042	< 0.00042	< 0.00083	< 0.00089	< 0.00089	< 0.00105	< 0.00085	< 0.00085	
PCB-184		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-186		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-187		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-188		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-189	39635-31-9	< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-190		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-191		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-192		< 0.00042	< 0.00042	< 0.00042	< 0.00045	< 0.00045	< 0.00053	< 0.00043	< 0.00042	
PCB-194		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-195		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-196		< 0.00059	< 0.00059	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-197		< 0.00211	< 0.00209	< 0.00125	< 0.00134	< 0.00132	< 0.00158	< 0.00127	< 0.00127	
PCB-198		< 0.00042	< 0.00042	< 0.00125	< 0.00134	< 0.00132	< 0.00158	< 0.00127	< 0.00127	
PCB-201		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-202		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-203		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-204		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-205		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-206		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-207		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-208		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
PCB-209		< 0.00042	< 0.00042	< 0.00062	< 0.00067	< 0.00066	< 0.00079	< 0.00064	< 0.00063	
Hydrocarbons										
Oil and Grease										
Other										

Table A-27
Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWBCU	SWICBR
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	3/16/2010
		SWBCU-040831-11	SWBCU-070821-01	SWBCU-091029-01	SWBCU-100507-01	SWBCU-100922-01	SWBCU-110505-01	SWBCU-111005-01	SWBCU-120510-01	SWICBR-100316-01
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids										

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-27
Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010
		SWICBR-100505-01	SWICBR-100506-01	SWICBR-100922-01	SWICBR-110504-01	SWICBR-110505-01	SWICBR-111005-01	SWICBR-120510-01	SWICBR-120510-02	SWICU-100316-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0	< 1			< 1			< 1		
Trichloroethene	79-01-6	< 1			< 1			< 1		
Vinyl Chloride	75-01-4	< 1			< 1			< 1		
SVOCs										
Phenolics, Total Recoverable		< 50			< 50			< 50		
Metals and Inorganics										
Aluminum	7429-90-5	***410***			***472***			***465***		
Aluminum, Dissolved					< 75			< 75		
Ammonia	7664-41-7	< 100			270			< 100		
Arsenic	7440-38-2	< 10			< 10			< 10		
Barium	7440-39-3	131			116			106		
Beryllium	7440-41-7	< 1			< 1			< 1		
Boron And Borates Only	7440-42-8	< 100			< 100			< 100		
Chlorine, Total Residual		< 50			< 50			< 50		
Chromium, Total	7440-47-3	< 5			< 5			< 5		
Cobalt	7440-48-4	< 5			< 5			< 5		
Copper	7440-50-8	< 10			< 10			< 10		
Cyanide	57-12-5	< 5			< 5			< 5		
Iron	7439-89-6	548			497			451		
Lead	7439-92-1	< 5			< 5			< 5		
Mercury	7439-97-6	< 0.2			< 0.2			< 0.2		
Nickel	7440-02-0	< 5			< 5			< 5		
Nitrate	14797-55-8	960			840			1200		
Nitrate & Nitrite								1200		
Nitrite	14797-65-0	< 100			< 100			< 100		
Phosphorus	7723-14-0	120			< 100			< 100		
Potassium	7440-09-7	3490			3740			3950		
Selenium	7782-49-2	< 15			< 15			< 15		
Silicon	7440-21-3							4820		
Silver	7440-22-4	< 7			< 7			< 7		
Strontium, Stable	7440-24-6	458			426			356		
Sulfate	14808-79-8	36500			45500			51400		
Thallium (Soluble Salts)	7440-28-0	< 20			< 20			< 20		
Titanium	7440-32-6	< 10			< 10			10.2		
Uranium	NA									2
Uranium-234	13966-29-5									0.976
Uranium-235	15117-96-1									0.027
Uranium-238	7440-61-1									0.786
Zinc	7440-66-6	< 50			< 50			< 50		
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5			< 0.5			< 0.5		
Aroclor 1221	11104-28-2	< 0.5			< 0.5			< 0.5		

Table A-27
Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010
		SWICBR-100505-01	SWICBR-100506-01	SWICBR-100922-01	SWICBR-110504-01	SWICBR-110505-01	SWICBR-111005-01	SWICBR-120510-01	SWICBR-120510-02	SWICU-100316-01
Aroclor 1232	11141-16-5	< 0.5			< 0.5			< 0.5		
Aroclor 1242	53469-21-9	< 0.5			< 0.5			< 0.5		
Aroclor 1248	12672-29-6	< 0.5			< 0.5			< 0.5		
Aroclor 1254	11097-69-1	< 0.5			< 0.5			< 0.5		
Aroclor 1260	11096-82-5	< 0.5			< 0.5			< 0.5		
PCB-001			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-002			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-003			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-004			< 0.00023	0.00022		< 0.00027	< 0.0002		< 0.00021	
PCB-005			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-006			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-007			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-008			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-009			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-010			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-011			< 0.00138	< 0.00125		< 0.0016	< 0.00122		< 0.00128	
PCB-012			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-014			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-015			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-016			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-017			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-018			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-019			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-020			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-021			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-022			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-023			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-024			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-025			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-026			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-027			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-031			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-032			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-034			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-035			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-036			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-037			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-038			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-039			< 0.00023	< 0.00021		< 0.00027	< 0.0002		< 0.00021	
PCB-040			< 0.00138	< 0.00125		< 0.0016	< 0.00122		< 0.00128	
PCB-042			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-043			< 0.00092	< 0.00084		< 0.00107	< 0.00081		< 0.00085	
PCB-044			< 0.00138	< 0.00125		< 0.0016	< 0.00122		< 0.00128	

Table A-27
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Bannister Federal Complex

Chemical	CAS	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010
		SWICBR-100505-01	SWICBR-100506-01	SWICBR-100922-01	SWICBR-110504-01	SWICBR-110505-01	SWICBR-111005-01	SWICBR-120510-01	SWICBR-120510-02	SWICU-100316-01
PCB-045			< 0.00092	< 0.00084		< 0.00107	< 0.00081		< 0.00085	
PCB-046			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-048			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-049			< 0.00092	< 0.00084		< 0.00107	< 0.00081		< 0.00085	
PCB-050			< 0.00092	< 0.00084		< 0.00107	< 0.00081		< 0.00085	
PCB-052			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-054			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-055			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-056			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-057			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-058			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-059			< 0.00138	< 0.00125		< 0.0016	< 0.00122		< 0.00128	
PCB-060			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-061			< 0.00184	< 0.00167		< 0.00213	< 0.00163		< 0.0017	
PCB-063			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-064			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-066			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-067			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-068			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-069										
PCB-072			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-077	32598-13-3		< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-078			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-079			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-080			< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-081	70362-50-4		< 0.00046	< 0.00042		< 0.00053	< 0.00041		< 0.00043	
PCB-082			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-083			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-084			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-085			< 0.00138	< 0.00122		< 0.0016	< 0.00122		< 0.00128	
PCB-086			< 0.00276	< 0.00244		< 0.0032	< 0.00244		< 0.00255	
PCB-088			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-089			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-090			< 0.00138	< 0.00122		< 0.0016	< 0.00122		< 0.00128	
PCB-092			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-093			< 0.00184	< 0.00162		< 0.00213	< 0.00163		< 0.0017	
PCB-094			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-095			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-096			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-099			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-103			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-104			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-105	32598-14-4		< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	

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Bannister Federal Complex

Chemical	CAS	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010
		SWICBR-100505-01	SWICBR-100506-01	SWICBR-100922-01	SWICBR-110504-01	SWICBR-110505-01	SWICBR-111005-01	SWICBR-120510-01	SWICBR-120510-02	SWICU-100316-01
PCB-106			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-107			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-109			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-110			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-111			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-112			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-114	74472-37-0		< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-118	31508-00-6		< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-119										
PCB-120			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-121			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-122			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-123	65510-44-3		< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-126	57465-28-8		< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-127			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-128			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-129			< 0.00138	< 0.00122		< 0.0016	< 0.00122		< 0.00128	
PCB-130			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-131			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-132			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-133			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-134			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-136			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-137			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-139			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-141			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-142			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-144			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-145			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-146			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-147			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-148			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-150			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-151			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-152			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-153			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-154			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-155			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-156			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-158			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-159			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-160			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-161			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	

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Bannister Federal Complex

Chemical	CAS	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010
		SWICBR-100505-01	SWICBR-100506-01	SWICBR-100922-01	SWICBR-110504-01	SWICBR-110505-01	SWICBR-111005-01	SWICBR-120510-01	SWICBR-120510-02	SWICU-100316-01
PCB-162			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-164			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-165			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-167	52663-72-6		< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-169	32774-16-6		< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-170			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-171			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-172			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-174			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-175			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-176			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-177			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-178			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-179			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-180			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-181			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-182			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-183			< 0.00092	< 0.00081		< 0.00107	< 0.00081		< 0.00085	
PCB-184			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-186			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-187			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-188			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-189	39635-31-9		< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-190			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-191			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-192			< 0.00046	< 0.00041		< 0.00053	< 0.00041		< 0.00043	
PCB-194			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-195			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-196			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-197			< 0.00138	< 0.00125		< 0.0016	< 0.00122		< 0.00128	
PCB-198			< 0.00138	< 0.00125		< 0.0016	< 0.00122		< 0.00128	
PCB-201			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-202			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-203			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-204			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-205			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-206			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-207			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-208			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
PCB-209			< 0.00069	< 0.00063		< 0.0008	< 0.00061		< 0.00064	
Hydrocarbons										
Oil and Grease		< 5000			< 5000			< 5000		
Other										

Table A-27
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Bannister Federal Complex

Chemical	CAS	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICBR	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010
		SWICBR-100505-01	SWICBR-100506-01	SWICBR-100922-01	SWICBR-110504-01	SWICBR-110505-01	SWICBR-111005-01	SWICBR-120510-01	SWICBR-120510-02	SWICU-100316-01
Biochemical Oxygen Demand			< 2000			3700			< 2000	
Chemical Oxygen Demand			< 10000			16200			< 10000	
Total Organic Carbon			4700			3800			4700	
Total Settleable Solids		< 0.2			< 0.2			< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-27
Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012
		SWICU-100505-01	SWICU-100506-01	SWICU-100922-01	SWICU-110504-01	SWICU-110505-01	SWICU-111005-01	SWICU-120510-01	SWICU-120510-02
VOCs									
Dichloroethene, 1,2- (Total)	540-59-0	< 1			< 1			< 1	
Trichloroethene	79-01-6	< 1			< 1			< 1	
Vinyl Chloride	75-01-4	< 1			< 1			< 1	
SVOCs									
Phenolics, Total Recoverable		< 50			< 50			< 50	
Metals and Inorganics									
Aluminum	7429-90-5	83.7			***150***			***150***	
Aluminum, Dissolved					< 75			< 75	
Ammonia	7664-41-7	< 100			240			< 100	
Arsenic	7440-38-2	< 10			< 10			< 10	
Barium	7440-39-3	106			89.1			121	
Beryllium	7440-41-7	< 1			< 1			< 1	
Boron And Borates Only	7440-42-8	***134***			***128***			< 100	
Chlorine, Total Residual		< 50			< 50			< 50	
Chromium, Total	7440-47-3	< 5			< 5			< 5	
Cobalt	7440-48-4	< 5			< 5			< 5	
Copper	7440-50-8	< 10			***13***			< 10	
Cyanide	57-12-5	< 5			***15***			< 5	
Iron	7439-89-6	185			208			242	
Lead	7439-92-1	< 5			< 5			< 5	
Mercury	7439-97-6	< 0.2			< 0.2			< 0.2	
Nickel	7440-02-0	< 5			< 5			< 5	
Nitrate	14797-55-8	3900			6600			5500	
Nitrate & Nitrite								5600	
Nitrite	14797-65-0	< 100			320			< 200	
Phosphorus	7723-14-0	590			600			160	
Potassium	7440-09-7	7460			9070			6330	
Selenium	7782-49-2	< 15			< 15			< 15	
Silicon	7440-21-3							5240	
Silver	7440-22-4	< 7			< 7			< 7	
Strontium, Stable	7440-24-6	578			518			485	
Sulfate	14808-79-8	85300			120000			93700	
Thallium (Soluble Salts)	7440-28-0	< 20			< 20			< 20	
Titanium	7440-32-6	< 10			< 10			< 10	
Uranium	NA								
Uranium-234	13966-29-5								
Uranium-235	15117-96-1								
Uranium-238	7440-61-1								
Zinc	7440-66-6	< 50			< 50			< 50	
PCBs and Dioxins									
Aroclor 1016	12674-11-2	< 0.5			< 0.5			< 0.5	
Aroclor 1221	11104-28-2	< 0.5			< 0.5			< 0.5	

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Bannister Federal Complex

Chemical	CAS	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012
		SWICU-100505-01	SWICU-100506-01	SWICU-100922-01	SWICU-110504-01	SWICU-110505-01	SWICU-111005-01	SWICU-120510-01	SWICU-120510-02
Aroclor 1232	11141-16-5	< 0.5			< 0.5			< 0.5	
Aroclor 1242	53469-21-9	< 0.5			< 0.5			< 0.5	
Aroclor 1248	12672-29-6	< 0.5			< 0.5			< 0.5	
Aroclor 1254	11097-69-1	< 0.5			< 0.5			< 0.5	
Aroclor 1260	11096-82-5	< 0.5			< 0.5			< 0.5	
PCB-001			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-002			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-003			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-004			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-005			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-006			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-007			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-008			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-009			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-010			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-011			< 0.00127	< 0.00131		< 0.0016	< 0.00126		< 0.00121
PCB-012			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-014			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-015			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-016			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-017			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-018			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-019			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-020			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-021			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-022			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-023			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-024			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-025			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-026			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-027			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-031			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-032			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-034			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-035			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-036			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-037			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-038			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-039			< 0.00021	< 0.00022		< 0.00027	< 0.00021		< 0.0002
PCB-040			< 0.00127	< 0.00131		< 0.0016	< 0.00126		< 0.00121
PCB-042			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-043			< 0.00085	< 0.00087		< 0.00106	< 0.00084		< 0.00081
PCB-044			< 0.00127	< 0.00131		< 0.0016	< 0.00126		< 0.00121

Table A-27
Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012
		SWICU-100505-01	SWICU-100506-01	SWICU-100922-01	SWICU-110504-01	SWICU-110505-01	SWICU-111005-01	SWICU-120510-01	SWICU-120510-02
PCB-045			< 0.00085	< 0.00087		< 0.00106	< 0.00084		< 0.00081
PCB-046			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-048			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-049			< 0.00085	< 0.00087		< 0.00106	< 0.00084		< 0.00081
PCB-050			< 0.00085	< 0.00087		< 0.00106	< 0.00084		< 0.00081
PCB-052			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-054			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-055			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-056			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-057			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-058			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-059			< 0.00127	< 0.00131		< 0.0016	< 0.00126		< 0.00121
PCB-060			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-061			< 0.00169	< 0.00175		< 0.00213	< 0.00168		< 0.00161
PCB-063			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-064			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-066			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-067			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-068			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-069									
PCB-072			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-077	32598-13-3		< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-078			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-079			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-080			< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-081	70362-50-4		< 0.00042	< 0.00044		< 0.00053	< 0.00042		< 0.0004
PCB-082			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-083			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-084			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-085			< 0.00127	< 0.00124		< 0.0016	< 0.00126		< 0.00121
PCB-086			< 0.00254	< 0.00248		< 0.00319	< 0.00252		< 0.00241
PCB-088			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-089			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-090			< 0.00127	< 0.00124		< 0.0016	< 0.00126		< 0.00121
PCB-092			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-093			< 0.00169	< 0.00165		< 0.00213	< 0.00168		< 0.00161
PCB-094			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-095			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-096			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-099			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-103			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-104			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-105	32598-14-4		< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004

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Bannister Federal Complex

Chemical	CAS	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012
		SWICU-100505-01	SWICU-100506-01	SWICU-100922-01	SWICU-110504-01	SWICU-110505-01	SWICU-111005-01	SWICU-120510-01	SWICU-120510-02
PCB-106			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-107			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-109			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-110			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-111			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-112			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-114	74472-37-0		< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-118	31508-00-6		< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-119									
PCB-120			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-121			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-122			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-123	65510-44-3		< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-126	57465-28-8		< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-127			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-128			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-129			< 0.00127	< 0.00124		< 0.0016	< 0.00126		< 0.00121
PCB-130			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-131			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-132			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-133			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-134			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-136			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-137			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-139			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-141			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-142			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-144			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-145			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-146			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-147			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-148			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-150			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-151			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-152			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-153			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-154			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-155			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-156			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-158			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-159			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-160			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-161			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004

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Bannister Federal Complex

Chemical	CAS	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012
		SWICU-100505-01	SWICU-100506-01	SWICU-100922-01	SWICU-110504-01	SWICU-110505-01	SWICU-111005-01	SWICU-120510-01	SWICU-120510-02
PCB-162			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-164			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-165			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-167	52663-72-6		< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-169	32774-16-6		< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-170			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-171			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-172			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-174			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-175			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-176			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-177			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-178			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-179			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-180			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-181			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-182			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-183			< 0.00085	< 0.00083		< 0.00106	< 0.00084		< 0.00081
PCB-184			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-186			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-187			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-188			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-189	39635-31-9		< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-190			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-191			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-192			< 0.00042	< 0.00041		< 0.00053	< 0.00042		< 0.0004
PCB-194			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-195			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-196			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-197			< 0.00127	< 0.00131		< 0.0016	< 0.00126		< 0.00121
PCB-198			< 0.00127	< 0.00131		< 0.0016	< 0.00126		< 0.00121
PCB-201			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-202			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-203			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-204			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-205			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-206			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-207			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-208			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
PCB-209			< 0.00064	< 0.00066		< 0.0008	< 0.00063		< 0.0006
Hydrocarbons									
Oil and Grease		< 5000			< 5000			< 5000	
Other									

Table A-27
Comparison of Background Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU	SWICU
		5/5/2010	5/6/2010	9/22/2010	5/4/2011	5/5/2011	10/5/2011	5/10/2012	5/10/2012
		SWICU-100505-01	SWICU-100506-01	SWICU-100922-01	SWICU-110504-01	SWICU-110505-01	SWICU-111005-01	SWICU-120510-01	SWICU-120510-02
Biochemical Oxygen Demand			4300			6500			< 2000
Chemical Oxygen Demand			< 10000			27200			< 10000
Total Organic Carbon			6300			5300			4300
Total Settleable Solids		< 0.2			< 0.2			< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBRD
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	6/24/2008
		SWBCD-040831-12	SWBCD-070821-01	SWBCD-091029-01	SWBCD-100507-01	SWBCD-100922-01	SWBCD-110505-01	SWBCD-111005-01	SWBCD-120510-01	SWBRD-080624-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									< 2
Trichloroethene	79-01-6									< 1
Vinyl Chloride	75-01-4									< 1
SVOCs										
Phenolics, Total Recoverable										< 50
Metals and Inorganics										
Aluminum	7429-90-5									***452***
Aluminum, Dissolved										
Ammonia	7664-41-7									< 100
Arsenic	7440-38-2									< 10
Barium	7440-39-3									113
Beryllium	7440-41-7									< 1
Boron And Borates Only	7440-42-8									***116***
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									< 5
Cobalt	7440-48-4									< 5
Copper	7440-50-8									< 10
Cyanide	57-12-5									< 5
Iron	7439-89-6									740
Lead	7439-92-1									< 5
Mercury	7439-97-6									< 0.2
Molybdenum	7439-98-7									
Nickel	7440-02-0									< 5
Nitrate	14797-55-8									3600
Nitrate & Nitrite										
Nitrite	14797-65-0									< 1000
Phosphorus	7723-14-0									730
Potassium	7440-09-7									5790
Selenium	7782-49-2									< 15
Silicon	7440-21-3									
Silver	7440-22-4									< 7
Strontium, Stable	7440-24-6									410
Sulfate	14808-79-8									51400
Thallium (Soluble Salts)	7440-28-0									< 20
Titanium	7440-32-6									< 10
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									< 50

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBRD
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	6/24/2008
		SWBCD-040831-12	SWBCD-070821-01	SWBCD-091029-01	SWBCD-100507-01	SWBCD-100922-01	SWBCD-110505-01	SWBCD-111005-01	SWBCD-120510-01	SWBRD-080624-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2									
Aroclor 1221	11104-28-2	< 0.00044								
Aroclor 1232	11141-16-5	< 0.00044								
Aroclor 1242	53469-21-9									
Aroclor 1248	12672-29-6									
Aroclor 1254	11097-69-1									
Aroclor 1260	11096-82-5	< 0.00044								
PCB-001		0.00105	0.0065	0.00425	0.00939	0.00223	0.00254	0.00183	0.0175	
PCB-002		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-003		< 0.00044	< 0.00042	0.00025	0.00032	< 0.00022	< 0.00028	< 0.00021	0.00072	
PCB-004		0.0161	0.0318	0.0108	0.0352	0.00762	0.00454	0.0158	0.0188	
PCB-005		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-006		< 0.00044	0.0006	0.00033	0.00043	0.00027	0.00028	< 0.00021	0.00067	
PCB-007		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-008		0.00138	0.00185	0.00094	0.00188	0.00074	0.00067	0.00052	0.00197	
PCB-009		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-010		0.00183	0.00235	0.00076	0.00133	0.00054	0.00038	< 0.00021	0.00146	
PCB-011		< 0.00052	< 0.0005	< 0.00132	< 0.00134	< 0.00132	< 0.00166	< 0.00123	< 0.00126	
PCB-012		0.0005	0.00058	< 0.00044	0.00053	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-014		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-015		0.002	0.00385	0.00104	0.00356	0.00115	0.00067	0.00311	0.00167	
PCB-016		0.00079	0.00081	0.0003	0.00023	0.00026	< 0.00028	0.00023	0.00027	
PCB-017		0.00194	0.00229	0.00061	0.00097	0.00056	0.00034	0.00079	0.00075	
PCB-018		0.00169	0.00214	0.00077	0.0006	0.00058	< 0.00055	0.00069	0.00075	
PCB-019		0.0031	0.00325	0.00163	0.0044	0.0011	0.00065	0.00252	0.00285	
PCB-020		0.002	0.00243	0.00125	0.00164	0.00143	0.00074	0.0037	0.0011	
PCB-021		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-022		0.00075	0.00088	0.00041	0.00047	0.00045	< 0.00028	0.00094	0.0004	
PCB-023		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-024		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-025		0.00044	0.00042	< 0.00022	0.00023	< 0.00022	< 0.00028	0.00034	< 0.00021	
PCB-026		0.00072	0.00078	< 0.00044	< 0.00045	< 0.00044	< 0.00055	0.00069	< 0.00042	
PCB-027		0.00089	0.00081	0.00036	0.00067	0.00029	< 0.00028	0.00048	0.00043	
PCB-031		0.00193	0.00207	0.00078	0.00124	0.00088	0.00048	0.00214	0.00083	
PCB-032		0.0024	0.0022	0.00095	0.00147	0.00079	0.00046	0.00145	0.00111	
PCB-034		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-035		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-036		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-037		0.00044	0.00055	< 0.00022	0.00038	0.00034	< 0.00028	0.00097	0.00021	
PCB-038		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-039		< 0.00044	< 0.00042	< 0.00022	< 0.00022	< 0.00022	< 0.00028	< 0.00021	< 0.00021	
PCB-040		0.00111	0.00105	< 0.00132	< 0.00134	< 0.00132	< 0.00166	0.00156	< 0.00126	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBRD
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	6/24/2008
		SWBCD-040831-12	SWBCD-070821-01	SWBCD-091029-01	SWBCD-100507-01	SWBCD-100922-01	SWBCD-110505-01	SWBCD-111005-01	SWBCD-120510-01	SWBRD-080624-01
PCB-042		0.00055	0.00046	< 0.00044	< 0.00045	< 0.00044	< 0.00055	0.00082	< 0.00042	
PCB-043		< 0.00044	< 0.00042	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-044		0.00187	0.00173	< 0.00132	< 0.00134	< 0.00132	< 0.00166	0.0028	< 0.00126	
PCB-045		0.00069	0.0007	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-046		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-048		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-049			0.00106	< 0.00088	< 0.00089	< 0.00088	< 0.0011	0.00197	< 0.00084	
PCB-050		0.00051	0.00049	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-052		0.00176	0.00173	0.00083	0.00108	0.00137	0.00078	0.00279	0.0007	
PCB-054		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-055		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-056		< 0.00044	0.0005	< 0.00044	< 0.00045	< 0.00044	< 0.00055	0.00119	< 0.00042	
PCB-057		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-058		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-059		< 0.00044	< 0.00042	< 0.00132	< 0.00134	< 0.00132	< 0.00166	< 0.00123	< 0.00126	
PCB-060		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	0.00068	< 0.00042	
PCB-061		0.00124	0.00135	< 0.00176	< 0.00179	< 0.00175	< 0.00221	0.0031	< 0.00168	
PCB-063		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-064		0.00071	0.00074	< 0.00044	0.00051	0.00045	< 0.00055	0.00147	< 0.00042	
PCB-066		0.00081	0.0009	0.00058	0.00081	0.0009	< 0.00055	0.00264	< 0.00042	
PCB-067		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-068		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-069		0.00123								
PCB-072		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-077	32598-13-3	< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-078		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-079		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-080		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-081	70362-50-4	< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-082		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-083		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-084		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-085		< 0.00052	< 0.0005	< 0.00132	< 0.00134	< 0.00132	< 0.00166	< 0.00123	< 0.00126	
PCB-086			< 0.00084	< 0.00265	< 0.00268	< 0.00265	< 0.00331	< 0.00246	< 0.00252	
PCB-088		< 0.00044	< 0.00042	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-089		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-090		0.00072	< 0.00042	< 0.00132	< 0.00134	< 0.00132	< 0.00166	< 0.00123	< 0.00126	
PCB-092		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-093		< 0.00065	< 0.00063	< 0.00176	< 0.00179	< 0.00176	< 0.00221	< 0.00164	< 0.00168	
PCB-094		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-095		0.00057	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	0.00054	< 0.00042	
PCB-096		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-099		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBRD
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	6/24/2008
		SWBCD-040831-12	SWBCD-070821-01	SWBCD-091029-01	SWBCD-100507-01	SWBCD-100922-01	SWBCD-110505-01	SWBCD-111005-01	SWBCD-120510-01	SWBRD-080624-01
PCB-103		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-104		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-105	32598-14-4	< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-106		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-107		< 0.00044	< 0.00042	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-109		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-110		0.00088	0.00043	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-111		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-112		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-114	74472-37-0	< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-118	31508-00-6	0.00066	< 0.00042	< 0.00044	< 0.00045	0.00046	< 0.00055	0.00059	< 0.00042	
PCB-119		< 0.00087								
PCB-120		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-121		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-122			< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-123	65510-44-3		< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-126	57465-28-8		< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-127		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-128		< 0.00087	< 0.00084	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-129		0.00064	< 0.00042	< 0.00132	< 0.00134	< 0.00132	< 0.00166	< 0.00123	< 0.00126	
PCB-130		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-131		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-132		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-133		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-134		< 0.00044	< 0.00042	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-136		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-137		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-139		< 0.00044	< 0.00042	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-141		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-142		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-144		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-145		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-146		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-147		< 0.00044	< 0.00042	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-148		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-150		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-151		< 0.00044	< 0.00043	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-152		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-153		< 0.00052	< 0.0005	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-154		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-155		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-156		< 0.00044	< 0.00042	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-158		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBRD
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	6/24/2008
		SWBCD-040831-12	SWBCD-070821-01	SWBCD-091029-01	SWBCD-100507-01	SWBCD-100922-01	SWBCD-110505-01	SWBCD-111005-01	SWBCD-120510-01	SWBRD-080624-01
PCB-159		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-160		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-161		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-162		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-164		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-165		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-167	52663-72-6	< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-169	32774-16-6	< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-170		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-171		< 0.00044	< 0.00042	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-172		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-174		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-175		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-176		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-177		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-178		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-179		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-180		< 0.00044	< 0.00042	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-181		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-182		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-183		< 0.00044	< 0.00042	< 0.00088	< 0.00089	< 0.00088	< 0.0011	< 0.00082	< 0.00084	
PCB-184		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-186		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-187		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-188		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-189	39635-31-9	< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-190		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-191		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-192		< 0.00044	< 0.00042	< 0.00044	< 0.00045	< 0.00044	< 0.00055	< 0.00041	< 0.00042	
PCB-194		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-195		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-196		< 0.00061	< 0.00059	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-197		< 0.00217	< 0.0021	< 0.00132	< 0.00134	< 0.00132	< 0.00166	< 0.00123	< 0.00126	
PCB-198		< 0.00044	< 0.00042	< 0.00132	< 0.00134	< 0.00132	< 0.00166	< 0.00123	< 0.00126	
PCB-201		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-202		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-203		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-204		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-205		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-206		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-207		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-208		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	
PCB-209		< 0.00044	< 0.00042	< 0.00066	< 0.00067	< 0.00066	< 0.00083	< 0.00062	< 0.00063	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBCD	SWBRD
		8/31/2004	8/21/2007	10/29/2009	5/7/2010	9/22/2010	5/5/2011	10/5/2011	5/10/2012	6/24/2008
		SWBCD-040831-12	SWBCD-070821-01	SWBCD-091029-01	SWBCD-100507-01	SWBCD-100922-01	SWBCD-110505-01	SWBCD-111005-01	SWBCD-120510-01	SWBRD-080624-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease										< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids										< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD
		6/25/2008	7/15/2008	7/22/2008	7/29/2008	8/5/2008	8/12/2008	8/19/2008	8/26/2008	10/28/2008
		SWBRD-080625-01	SWBRD-080715-01	SWBRD-080722-01	SWBRD-080729-01	SWBRD-080805-01	SWBRD-080812-01	SWBRD-080819-01	SWBRD-080826-01	SWBRD-081028-02
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									
Trichloroethene	79-01-6									
Vinyl Chloride	75-01-4									
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									
Aluminum, Dissolved										
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual						< 50				
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD
		6/25/2008	7/15/2008	7/22/2008	7/29/2008	8/5/2008	8/12/2008	8/19/2008	8/26/2008	10/28/2008
		SWBRD-080625-01	SWBRD-080715-01	SWBRD-080722-01	SWBRD-080729-01	SWBRD-080805-01	SWBRD-080812-01	SWBRD-080819-01	SWBRD-080826-01	SWBRD-081028-02
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001		< 0.00042								
PCB-002		< 0.00042								
PCB-003		< 0.00042								
PCB-004		0.00078								
PCB-005		< 0.00042								
PCB-006		< 0.00042								
PCB-007		< 0.00042								
PCB-008		< 0.00042								
PCB-009		< 0.00042								
PCB-010		< 0.00042								
PCB-011		0.00081								
PCB-012		< 0.00042								
PCB-014		< 0.00042								
PCB-015		< 0.00042								
PCB-016		< 0.00042								
PCB-017		< 0.00042								
PCB-018		< 0.00042								
PCB-019		< 0.00042								
PCB-020		< 0.0005								
PCB-021		< 0.00042								
PCB-022		< 0.00042								
PCB-023		< 0.00042								
PCB-024		< 0.00042								
PCB-025		< 0.00042								
PCB-026		< 0.00042								
PCB-027		< 0.00042								
PCB-031		< 0.00042								
PCB-032		< 0.00042								
PCB-034		< 0.00042								
PCB-035		< 0.00042								
PCB-036		< 0.00042								
PCB-037		< 0.00042								
PCB-038		< 0.00042								
PCB-039		< 0.00042								
PCB-040		< 0.00042								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD
		6/25/2008	7/15/2008	7/22/2008	7/29/2008	8/5/2008	8/12/2008	8/19/2008	8/26/2008	10/28/2008
		SWBRD-080625-01	SWBRD-080715-01	SWBRD-080722-01	SWBRD-080729-01	SWBRD-080805-01	SWBRD-080812-01	SWBRD-080819-01	SWBRD-080826-01	SWBRD-081028-02
PCB-042		< 0.00042								
PCB-043		< 0.00042								
PCB-044		< 0.0005								
PCB-045		< 0.00042								
PCB-046		< 0.00042								
PCB-048		< 0.00042								
PCB-049		< 0.00042								
PCB-050		< 0.00042								
PCB-052		< 0.00042								
PCB-054		< 0.00042								
PCB-055		< 0.00042								
PCB-056		< 0.00042								
PCB-057		< 0.00042								
PCB-058		< 0.00042								
PCB-059		< 0.00042								
PCB-060		< 0.00042								
PCB-061		< 0.00042								
PCB-063		< 0.00042								
PCB-064		< 0.00042								
PCB-066		< 0.00042								
PCB-067		< 0.00042								
PCB-068		< 0.00042								
PCB-069										
PCB-072		< 0.00042								
PCB-077	32598-13-3	< 0.00042								
PCB-078		< 0.00042								
PCB-079		< 0.00042								
PCB-080		< 0.00042								
PCB-081	70362-50-4	< 0.00042								
PCB-082		< 0.00042								
PCB-083		< 0.00042								
PCB-084		< 0.00042								
PCB-085		< 0.0005								
PCB-086		< 0.00083								
PCB-088		< 0.00042								
PCB-089		< 0.00042								
PCB-090		< 0.00042								
PCB-092		< 0.00042								
PCB-093		< 0.00062								
PCB-094		< 0.00042								
PCB-095		< 0.00042								
PCB-096		< 0.00042								
PCB-099		< 0.00042								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD
		6/25/2008	7/15/2008	7/22/2008	7/29/2008	8/5/2008	8/12/2008	8/19/2008	8/26/2008	10/28/2008
		SWBRD-080625-01	SWBRD-080715-01	SWBRD-080722-01	SWBRD-080729-01	SWBRD-080805-01	SWBRD-080812-01	SWBRD-080819-01	SWBRD-080826-01	SWBRD-081028-02
PCB-103		< 0.00042								
PCB-104		< 0.00042								
PCB-105	32598-14-4	< 0.00042								
PCB-106		< 0.00042								
PCB-107		< 0.00042								
PCB-109		< 0.00042								
PCB-110		< 0.00042								
PCB-111		< 0.00042								
PCB-112		< 0.00042								
PCB-114	74472-37-0	< 0.00042								
PCB-118	31508-00-6	< 0.00042								
PCB-119										
PCB-120		< 0.00042								
PCB-121		< 0.00042								
PCB-122		< 0.00042								
PCB-123	65510-44-3	< 0.00042								
PCB-126	57465-28-8	< 0.00042								
PCB-127		< 0.00042								
PCB-128		< 0.00083								
PCB-129		< 0.00042								
PCB-130		< 0.00042								
PCB-131		< 0.00042								
PCB-132		< 0.00042								
PCB-133		< 0.00042								
PCB-134		< 0.00042								
PCB-136		< 0.00042								
PCB-137		< 0.00042								
PCB-139		< 0.00042								
PCB-141		< 0.00042								
PCB-142		< 0.00042								
PCB-144		< 0.00042								
PCB-145		< 0.00042								
PCB-146		< 0.00042								
PCB-147		< 0.00042								
PCB-148		< 0.00042								
PCB-150		< 0.00042								
PCB-151		< 0.00042								
PCB-152		< 0.00042								
PCB-153		< 0.0005								
PCB-154		< 0.00042								
PCB-155		< 0.00042								
PCB-156		< 0.00042								
PCB-158		< 0.00042								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD
		6/25/2008	7/15/2008	7/22/2008	7/29/2008	8/5/2008	8/12/2008	8/19/2008	8/26/2008	10/28/2008
		SWBRD-080625-01	SWBRD-080715-01	SWBRD-080722-01	SWBRD-080729-01	SWBRD-080805-01	SWBRD-080812-01	SWBRD-080819-01	SWBRD-080826-01	SWBRD-081028-02
PCB-159		< 0.00042								
PCB-160		< 0.00042								
PCB-161		< 0.00042								
PCB-162		< 0.00042								
PCB-164		< 0.00042								
PCB-165		< 0.00042								
PCB-167	52663-72-6	< 0.00042								
PCB-169	32774-16-6	< 0.00042								
PCB-170		< 0.00042								
PCB-171		< 0.00042								
PCB-172		< 0.00042								
PCB-174		< 0.00042								
PCB-175		< 0.00042								
PCB-176		< 0.00042								
PCB-177		< 0.00042								
PCB-178		< 0.00042								
PCB-179		< 0.00042								
PCB-180		< 0.00042								
PCB-181		< 0.00042								
PCB-182		< 0.00042								
PCB-183		< 0.00042								
PCB-184		< 0.00042								
PCB-186		< 0.00042								
PCB-187		< 0.00042								
PCB-188		< 0.00042								
PCB-189	39635-31-9	< 0.00042								
PCB-190		< 0.00042								
PCB-191		< 0.00042								
PCB-192		< 0.00042								
PCB-194		< 0.00042								
PCB-195		< 0.00042								
PCB-196		< 0.00058								
PCB-197		< 0.00208								
PCB-198		< 0.00042								
PCB-201		< 0.00042								
PCB-202		< 0.00042								
PCB-203		< 0.00042								
PCB-204		< 0.00042								
PCB-205		< 0.00042								
PCB-206		< 0.00042								
PCB-207		< 0.00042								
PCB-208		< 0.00042								
PCB-209		< 0.00042								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD
		6/25/2008	7/15/2008	7/22/2008	7/29/2008	8/5/2008	8/12/2008	8/19/2008	8/26/2008	10/28/2008
		SWBRD-080625-01	SWBRD-080715-01	SWBRD-080722-01	SWBRD-080729-01	SWBRD-080805-01	SWBRD-080812-01	SWBRD-080819-01	SWBRD-080826-01	SWBRD-081028-02
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease										
TPH (Total)										
Other										
Biochemical Oxygen Demand		19500								
Chemical Oxygen Demand		15400								
Total Organic Carbon		5600								
Total Settleable Solids										

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRDD	SWBRDD
		10/29/2008	5/12/2009	5/20/2009	10/29/2009	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRD-081029-01	SWBRD-090512-02	SWBRD-090520-01	SWBRD-091029-01	SWBRD-100316-01	SWBRD-100505-01	SWBRD-100506-01	SWBRDD-100922-01	SWBRDD-110504-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1			< 1			< 1
Trichloroethene	79-01-6			< 1			< 1			< 1
Vinyl Chloride	75-01-4			< 1			< 1			< 1
SVOCs										
Phenolics, Total Recoverable				< 50			< 50			< 50
Metals and Inorganics										
Aluminum	7429-90-5			***954***			***368***			***469***
Aluminum, Dissolved										< 75
Ammonia	7664-41-7			110			< 100			< 100
Arsenic	7440-38-2			< 10			< 10			< 10
Barium	7440-39-3			131			122			108
Beryllium	7440-41-7			< 1			< 1			< 1
Boron And Borates Only	7440-42-8			< 100			< 100			< 100
Cadmium	7440-43-9									
Chlorine, Total Residual				< 50						< 50
Chromium, Total	7440-47-3			< 5			< 5			< 5
Cobalt	7440-48-4			< 5			< 5			< 5
Copper	7440-50-8			< 10			< 10			< 10
Cyanide	57-12-5			< 5			***13***			***7.8***
Iron	7439-89-6			972			585			552
Lead	7439-92-1			< 5			< 5			< 5
Mercury	7439-97-6			< 0.2			< 0.2			< 0.2
Molybdenum	7439-98-7									
Nickel	7440-02-0			< 5			< 5			< 5
Nitrate	14797-55-8			2200			2000			3500
Nitrate & Nitrite										
Nitrite	14797-65-0			< 100			< 100			120
Phosphorus	7723-14-0			490			290			460
Potassium	7440-09-7			5020			4830			6220
Selenium	7782-49-2			< 15			< 15			< 15
Silicon	7440-21-3									
Silver	7440-22-4			< 7			< 7			< 7
Strontium, Stable	7440-24-6			458			499			469
Sulfate	14808-79-8			55100			55600			83400
Thallium (Soluble Salts)	7440-28-0			< 20			< 20			< 20
Titanium	7440-32-6			19.5			< 10			< 10
Uranium	NA					1.64				
Uranium-234	13966-29-5					0.688				
Uranium-235	15117-96-1					0.026				
Uranium-238	7440-61-1					0.49				
Zinc	7440-66-6			< 50			< 50			< 50

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRDD	SWBRDD
		10/29/2008	5/12/2009	5/20/2009	10/29/2009	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRD-081029-01	SWBRD-090512-02	SWBRD-090520-01	SWBRD-091029-01	SWBRD-100316-01	SWBRD-100505-01	SWBRD-100506-01	SWBRDD-100922-01	SWBRDD-110504-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.5			< 0.5			< 0.5
Aroclor 1221	11104-28-2			< 0.5			< 0.5			< 0.5
Aroclor 1232	11141-16-5			< 0.5			< 0.5			< 0.5
Aroclor 1242	53469-21-9			< 0.5			< 0.5			< 0.5
Aroclor 1248	12672-29-6			< 0.5			< 0.5			< 0.5
Aroclor 1254	11097-69-1			< 0.5			< 0.5			< 0.5
Aroclor 1260	11096-82-5			< 0.5			< 0.5			< 0.5
PCB-001		< 0.00043	0.00065		0.00028			< 0.00021	0.00035	
PCB-002		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-003		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-004		0.00048	0.00322		0.00055			0.00105	0.0013	
PCB-005		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-006		< 0.00043	0.00024		< 0.00022			< 0.00021	< 0.00021	
PCB-007		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-008		< 0.00043	0.00162		< 0.00022			< 0.00021	0.00032	
PCB-009		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-010		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-011		0.00072	< 0.00135		< 0.00129			< 0.00128	< 0.00126	
PCB-012		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-014		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-015		< 0.00043	0.00198		< 0.00022			0.00024	0.00034	
PCB-016		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-017		< 0.00043	0.00119		< 0.00022			< 0.00021	< 0.00021	
PCB-018		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-019		< 0.00043	0.00071		< 0.00022			< 0.00021	0.00026	
PCB-020		< 0.00051	0.00084		< 0.00043			< 0.00043	< 0.00042	
PCB-021		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-022		< 0.00043	0.00041		< 0.00022			< 0.00021	< 0.00021	
PCB-023		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-024		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-025		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-026		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-027		< 0.00043	0.00029		< 0.00022			< 0.00021	< 0.00021	
PCB-031		< 0.00043	0.00126		< 0.00022			< 0.00021	0.00033	
PCB-032		< 0.00043	0.00078		< 0.00022			< 0.00021	< 0.00021	
PCB-034		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-035		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-036		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-037		< 0.00043	0.00041		< 0.00022			< 0.00021	< 0.00021	
PCB-038		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-039		< 0.00043	< 0.00022		< 0.00022			< 0.00021	< 0.00021	
PCB-040		< 0.00043	< 0.00135		< 0.00129			< 0.00128	< 0.00126	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRDD	SWBRDD
		10/29/2008	5/12/2009	5/20/2009	10/29/2009	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRD-081029-01	SWBRD-090512-02	SWBRD-090520-01	SWBRD-091029-01	SWBRD-100316-01	SWBRD-100505-01	SWBRD-100506-01	SWBRDD-100922-01	SWBRDD-110504-01
PCB-042		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-043		< 0.00043	< 0.00045		< 0.00086			< 0.00085	< 0.00084	
PCB-044		< 0.00051	< 0.00135		< 0.00129			< 0.00128	< 0.00126	
PCB-045		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00084	
PCB-046		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-048		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-049		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00084	
PCB-050		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00084	
PCB-052		< 0.00043	0.00057		< 0.00043			< 0.00043	< 0.00042	
PCB-054		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-055		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-056		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-057		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-058		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-059		< 0.00043	< 0.00135		< 0.00129			< 0.00128	< 0.00126	
PCB-060		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-061		< 0.00043	< 0.00179		< 0.00172			< 0.0017	< 0.00168	
PCB-063		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-064		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-066		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-067		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-068		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-069										
PCB-072		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-077	32598-13-3	< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-078		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-079		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-080		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-081	70362-50-4	< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00042	
PCB-082		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-083		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-084		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-085		< 0.00051	< 0.00135		< 0.00129			< 0.00128	< 0.00139	
PCB-086		< 0.00086	< 0.00269		< 0.00259			< 0.00255	< 0.00278	
PCB-088		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-089		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-090		< 0.00043	< 0.00135		< 0.00129			< 0.00128	< 0.00139	
PCB-092		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-093		< 0.00064	< 0.00179		< 0.00172			< 0.0017	< 0.00185	
PCB-094		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-095		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-096		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-099		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRDD	SWBRDD
		10/29/2008	5/12/2009	5/20/2009	10/29/2009	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRD-081029-01	SWBRD-090512-02	SWBRD-090520-01	SWBRD-091029-01	SWBRD-100316-01	SWBRD-100505-01	SWBRD-100506-01	SWBRDD-100922-01	SWBRDD-110504-01
PCB-103		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-104		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-105	32598-14-4	< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-106		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-107		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-109		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-110		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-111		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-112		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-114	74472-37-0	< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-118	31508-00-6	< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-119										
PCB-120		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-121		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-122		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-123	65510-44-3	< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-126	57465-28-8	< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-127		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-128		< 0.00086	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-129		< 0.00043	< 0.00135		< 0.00129			< 0.00128	< 0.00139	
PCB-130		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-131		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-132		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-133		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-134		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-136		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-137		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-139		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-141		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-142		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-144		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-145		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-146		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-147		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-148		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-150		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-151		< 0.00044	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-152		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-153		< 0.00051	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-154		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-155		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-156		< 0.00086	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-158		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRDD	SWBRDD
		10/29/2008	5/12/2009	5/20/2009	10/29/2009	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRD-081029-01	SWBRD-090512-02	SWBRD-090520-01	SWBRD-091029-01	SWBRD-100316-01	SWBRD-100505-01	SWBRD-100506-01	SWBRDD-100922-01	SWBRDD-110504-01
PCB-159		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-160		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-161		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-162		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-164		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-165		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-167	52663-72-6	< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-169	32774-16-6	< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-170		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-171		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-172		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-174		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-175		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-176		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-177		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-178		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-179		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-180		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-181		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-182		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-183		< 0.00043	< 0.0009		< 0.00086			< 0.00085	< 0.00093	
PCB-184		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-186		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-187		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-188		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-189	39635-31-9	< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-190		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-191		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-192		< 0.00043	< 0.00045		< 0.00043			< 0.00043	< 0.00046	
PCB-194		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-195		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-196		< 0.0006	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-197		< 0.00214	< 0.00135		< 0.00129			< 0.00128	< 0.00126	
PCB-198		< 0.00043	< 0.00135		< 0.00129			< 0.00128	< 0.00126	
PCB-201		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-202		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-203		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-204		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-205		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-206		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-207		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-208		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	
PCB-209		< 0.00043	< 0.00067		< 0.00065			< 0.00064	< 0.00063	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRD	SWBRDD	SWBRDD
		10/29/2008	5/12/2009	5/20/2009	10/29/2009	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRD-081029-01	SWBRD-090512-02	SWBRD-090520-01	SWBRD-091029-01	SWBRD-100316-01	SWBRD-100505-01	SWBRD-100506-01	SWBRDD-100922-01	SWBRDD-110504-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000			< 5000			< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand			< 2000					2700		
Chemical Oxygen Demand			< 10000					12900		
Total Organic Carbon			7000					5300		
Total Settleable Solids				< 0.2			< 0.2			< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRDD	SWBRDD	SWBRDD	SWBRDD	SWBRU	SWBRU	SWBRU	SWBRU	SWBRU
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRDD-110505-01	SWBRDD-111005-01	SWBRDD-120510-01	SWBRDD-120510-02	SWBRU-100316-01	SWBRU-100505-01	SWBRU-100506-01	SWBRU-100922-01	SWBRU-110504-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1			< 1			< 1
Trichloroethene	79-01-6			< 1			< 1			< 1
Vinyl Chloride	75-01-4			< 1			< 1			< 1
SVOCs										
Phenolics, Total Recoverable				< 50			< 50			< 50
Metals and Inorganics										
Aluminum	7429-90-5			***405***			***238***			***347***
Aluminum, Dissolved				< 75						< 75
Ammonia	7664-41-7			< 100			< 100			< 100
Arsenic	7440-38-2			< 10			< 10			< 10
Barium	7440-39-3			121			120			106
Beryllium	7440-41-7			< 1			< 1			< 1
Boron And Borates Only	7440-42-8			< 100			< 100			< 100
Cadmium	7440-43-9									
Chlorine, Total Residual				< 50			< 50			< 50
Chromium, Total	7440-47-3			< 5			< 5			< 5
Cobalt	7440-48-4			< 5			< 5			< 5
Copper	7440-50-8			< 10			< 10			< 10
Cyanide	57-12-5			< 5			< 5			***5.9***
Iron	7439-89-6			525			379			447
Lead	7439-92-1			< 5			< 5			< 5
Mercury	7439-97-6			< 0.2			< 0.2			< 0.2
Molybdenum	7439-98-7									
Nickel	7440-02-0			< 5			< 5			< 5
Nitrate	14797-55-8			3200			2000			3600
Nitrate & Nitrite				3300						
Nitrite	14797-65-0			< 100			< 100			130
Phosphorus	7723-14-0			110			290			440
Potassium	7440-09-7			5050			4800			6290
Selenium	7782-49-2			< 15			< 15			< 15
Silicon	7440-21-3			5280						
Silver	7440-22-4			< 7			< 7			< 7
Strontium, Stable	7440-24-6			429			496			472
Sulfate	14808-79-8			71200			55900			84800
Thallium (Soluble Salts)	7440-28-0			< 20			< 20			< 20
Titanium	7440-32-6			< 10			< 10			< 10
Uranium	NA					1.6				
Uranium-234	13966-29-5					0.649				
Uranium-235	15117-96-1					0.015				
Uranium-238	7440-61-1					0.605				
Zinc	7440-66-6			< 50			< 50			< 50

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRDD	SWBRDD	SWBRDD	SWBRDD	SWBRU	SWBRU	SWBRU	SWBRU	SWBRU
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRDD-110505-01	SWBRDD-111005-01	SWBRDD-120510-01	SWBRDD-120510-02	SWBRU-100316-01	SWBRU-100505-01	SWBRU-100506-01	SWBRU-100922-01	SWBRU-110504-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.5			< 0.5			< 0.5
Aroclor 1221	11104-28-2			< 0.5			< 0.5			< 0.5
Aroclor 1232	11141-16-5			< 0.5			< 0.5			< 0.5
Aroclor 1242	53469-21-9			< 0.5			< 0.5			< 0.5
Aroclor 1248	12672-29-6			< 0.5			< 0.5			< 0.5
Aroclor 1254	11097-69-1			< 0.5			< 0.5			< 0.5
Aroclor 1260	11096-82-5			< 0.5			< 0.5			< 0.5
PCB-001		0.00046	0.00053		0.00064			< 0.00022	< 0.00022	
PCB-002		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-003		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-004		0.00107	0.00208		0.00085			0.00023	0.00042	
PCB-005		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-006		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-007		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-008		0.00027	0.00026		< 0.00022			< 0.00022	0.00023	
PCB-009		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-010		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-011		< 0.00161	< 0.00124		< 0.00132			< 0.0013	< 0.00135	
PCB-012		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-014		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-015		< 0.00027	0.00053		< 0.00022			< 0.00022	< 0.00022	
PCB-016		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-017		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-018		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-019		< 0.00027	0.00032		< 0.00022			< 0.00022	< 0.00022	
PCB-020		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-021		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-022		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-023		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-024		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-025		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-026		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-027		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-031		< 0.00027	0.0003		< 0.00022			< 0.00022	< 0.00022	
PCB-032		< 0.00027	0.00022		< 0.00022			< 0.00022	< 0.00022	
PCB-034		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-035		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-036		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-037		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-038		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-039		< 0.00027	< 0.00021		< 0.00022			< 0.00022	< 0.00022	
PCB-040		< 0.00161	< 0.00124		< 0.00132			< 0.0013	< 0.00135	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRDD	SWBRDD	SWBRDD	SWBRDD	SWBRU	SWBRU	SWBRU	SWBRU	SWBRU
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRDD-110505-01	SWBRDD-111005-01	SWBRDD-120510-01	SWBRDD-120510-02	SWBRU-100316-01	SWBRU-100505-01	SWBRU-100506-01	SWBRU-100922-01	SWBRU-110504-01
PCB-042		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-043		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.0009	
PCB-044		< 0.00161	< 0.00124		< 0.00132			< 0.0013	< 0.00135	
PCB-045		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.0009	
PCB-046		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-048		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-049		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.0009	
PCB-050		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.0009	
PCB-052		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-054		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-055		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-056		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-057		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-058		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-059		< 0.00161	< 0.00124		< 0.00132			< 0.0013	< 0.00135	
PCB-060		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-061		< 0.00214	< 0.00165		< 0.00177			< 0.00173	< 0.0018	
PCB-063		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-064		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-066		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-067		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-068		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-069										
PCB-072		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-077	32598-13-3	< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-078		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-079		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-080		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-081	70362-50-4	< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00045	
PCB-082		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-083		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-084		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-085		< 0.00161	< 0.00124		< 0.00132			< 0.0013	< 0.0014	
PCB-086		< 0.00322	< 0.00247		< 0.00265			< 0.0026	< 0.0028	
PCB-088		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-089		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-090		< 0.00161	< 0.00124		< 0.00132			< 0.0013	< 0.0014	
PCB-092		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-093		< 0.00214	< 0.00165		< 0.00177			< 0.00173	< 0.00186	
PCB-094		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-095		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-096		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-099		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRDD	SWBRDD	SWBRDD	SWBRDD	SWBRU	SWBRU	SWBRU	SWBRU	SWBRU
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRDD-110505-01	SWBRDD-111005-01	SWBRDD-120510-01	SWBRDD-120510-02	SWBRU-100316-01	SWBRU-100505-01	SWBRU-100506-01	SWBRU-100922-01	SWBRU-110504-01
PCB-103		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-104		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-105	32598-14-4	< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-106		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-107		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-109		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-110		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-111		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-112		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-114	74472-37-0	< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-118	31508-00-6	< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-119										
PCB-120		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-121		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-122		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-123	65510-44-3	< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-126	57465-28-8	< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-127		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-128		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-129		< 0.00161	< 0.00124		< 0.00132			< 0.0013	< 0.0014	
PCB-130		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-131		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-132		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-133		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-134		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-136		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-137		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-139		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-141		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-142		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-144		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-145		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-146		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-147		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-148		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-150		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-151		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-152		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-153		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-154		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-155		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-156		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-158		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRDD	SWBRDD	SWBRDD	SWBRDD	SWBRU	SWBRU	SWBRU	SWBRU	SWBRU
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRDD-110505-01	SWBRDD-111005-01	SWBRDD-120510-01	SWBRDD-120510-02	SWBRU-100316-01	SWBRU-100505-01	SWBRU-100506-01	SWBRU-100922-01	SWBRU-110504-01
PCB-159		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-160		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-161		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-162		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-164		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-165		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-167	52663-72-6	< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-169	32774-16-6	< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-170		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-171		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-172		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-174		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-175		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-176		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-177		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-178		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-179		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-180		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-181		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-182		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-183		< 0.00107	< 0.00082		< 0.00088			< 0.00087	< 0.00093	
PCB-184		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-186		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-187		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-188		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-189	39635-31-9	< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-190		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-191		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-192		< 0.00054	< 0.00041		< 0.00044			< 0.00043	< 0.00047	
PCB-194		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-195		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-196		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-197		< 0.00161	< 0.00124		< 0.00132			< 0.0013	< 0.00135	
PCB-198		< 0.00161	< 0.00124		< 0.00132			< 0.0013	< 0.00135	
PCB-201		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-202		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-203		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-204		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-205		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-206		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-207		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-208		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	
PCB-209		< 0.0008	< 0.00062		< 0.00066			< 0.00065	< 0.00067	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRDD	SWBRDD	SWBRDD	SWBRDD	SWBRU	SWBRU	SWBRU	SWBRU	SWBRU
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRDD-110505-01	SWBRDD-111005-01	SWBRDD-120510-01	SWBRDD-120510-02	SWBRU-100316-01	SWBRU-100505-01	SWBRU-100506-01	SWBRU-100922-01	SWBRU-110504-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000			< 5000			< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand		2200			< 2000			< 2000		
Chemical Oxygen Demand		27100			< 10000			< 10000		
Total Organic Carbon		5000			4700			5300		
Total Settleable Solids				< 0.2			< 0.2			< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRU	SWBRU	SWBRU	SWBRU	SWICDA	SWICDA	SWICDA	SWICDA	SWICDA
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRU-110505-01	SWBRU-111005-01	SWBRU-120510-01	SWBRU-120510-02	SWICDA-100316-01	SWICDA-100505-01	SWICDA-100506-01	SWICDA-100922-01	SWICDA-110504-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1			< 1			< 1
Trichloroethene	79-01-6			< 1			< 1			< 1
Vinyl Chloride	75-01-4			< 1			< 1			< 1
SVOCs										
Phenolics, Total Recoverable				< 50			< 50			< 50
Metals and Inorganics										
Aluminum	7429-90-5			***445***			< 75			***119***
Aluminum, Dissolved				< 75						< 75
Ammonia	7664-41-7			< 100			< 100			310
Arsenic	7440-38-2			< 10			< 10			< 10
Barium	7440-39-3			118			109			87.9
Beryllium	7440-41-7			< 1			< 1			< 1
Boron And Borates Only	7440-42-8			< 100			***137***			***126***
Cadmium	7440-43-9									
Chlorine, Total Residual				< 50			< 50			< 50
Chromium, Total	7440-47-3			< 5			< 5			< 5
Cobalt	7440-48-4			< 5			< 5			< 5
Copper	7440-50-8			< 10			< 10			< 10
Cyanide	57-12-5			< 5			< 5			***14***
Iron	7439-89-6			509			162			191
Lead	7439-92-1			< 5			< 5			< 5
Mercury	7439-97-6			< 0.2			< 0.2			< 0.2
Molybdenum	7439-98-7									
Nickel	7440-02-0			< 5			< 5			< 5
Nitrate	14797-55-8			3300			4000			6500
Nitrate & Nitrite				3400						
Nitrite	14797-65-0			< 100			< 100			320
Phosphorus	7723-14-0			150			590			990
Potassium	7440-09-7			5020			7600			8990
Selenium	7782-49-2			< 15			< 15			< 15
Silicon	7440-21-3			5340						
Silver	7440-22-4			< 7			< 7			< 7
Strontium, Stable	7440-24-6			429			594			514
Sulfate	14808-79-8			71700			84800			125000
Thallium (Soluble Salts)	7440-28-0			< 20			< 20			< 20
Titanium	7440-32-6			< 10			< 10			< 10
Uranium	NA					1.99				
Uranium-234	13966-29-5					1.04				
Uranium-235	15117-96-1					0.06				
Uranium-238	7440-61-1					0.632				
Zinc	7440-66-6			< 50			< 50			< 50

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRU	SWBRU	SWBRU	SWBRU	SWICDA	SWICDA	SWICDA	SWICDA	SWICDA
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRU-110505-01	SWBRU-111005-01	SWBRU-120510-01	SWBRU-120510-02	SWICDA-100316-01	SWICDA-100505-01	SWICDA-100506-01	SWICDA-100922-01	SWICDA-110504-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.5			< 0.5			< 0.5
Aroclor 1221	11104-28-2			< 0.5			< 0.5			< 0.5
Aroclor 1232	11141-16-5			< 0.5			< 0.5			< 0.5
Aroclor 1242	53469-21-9			< 0.5			< 0.5			< 0.5
Aroclor 1248	12672-29-6			< 0.5			< 0.5			< 0.5
Aroclor 1254	11097-69-1			< 0.5			< 0.5			< 0.5
Aroclor 1260	11096-82-5			< 0.5			< 0.5			< 0.5
PCB-001		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-002		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-003		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-004		0.00028	0.00029		0.00024			< 0.00022	< 0.00021	
PCB-005		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-006		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-007		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-008		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-009		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-010		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-011		< 0.0016	< 0.00131		< 0.00124			< 0.00129	< 0.00127	
PCB-012		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-014		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-015		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-016		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-017		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-018		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-019		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-020		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-021		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-022		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-023		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-024		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-025		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-026		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-027		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-031		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-032		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-034		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-035		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-036		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-037		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-038		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-039		< 0.00027	< 0.00022		< 0.00021			< 0.00022	< 0.00021	
PCB-040		< 0.0016	< 0.00131		< 0.00124			< 0.00129	< 0.00127	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRU	SWBRU	SWBRU	SWBRU	SWICDA	SWICDA	SWICDA	SWICDA	SWICDA
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRU-110505-01	SWBRU-111005-01	SWBRU-120510-01	SWBRU-120510-02	SWICDA-100316-01	SWICDA-100505-01	SWICDA-100506-01	SWICDA-100922-01	SWICDA-110504-01
PCB-042		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-043		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00085	
PCB-044		< 0.0016	< 0.00131		< 0.00124			< 0.00129	< 0.00127	
PCB-045		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00085	
PCB-046		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-048		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-049		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00085	
PCB-050		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00085	
PCB-052		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-054		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-055		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-056		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-057		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-058		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-059		< 0.0016	< 0.00131		< 0.00124			< 0.00129	< 0.00127	
PCB-060		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-061		< 0.00213	< 0.00174		< 0.00165			< 0.00172	< 0.00169	
PCB-063		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-064		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-066		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-067		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-068		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-069										
PCB-072		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-077	32598-13-3	< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-078		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-079		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-080		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-081	70362-50-4	< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00042	
PCB-082		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-083		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-084		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-085		< 0.0016	< 0.00131		< 0.00124			< 0.00129	< 0.00131	
PCB-086		< 0.00319	< 0.00261		< 0.00248			< 0.00258	< 0.00261	
PCB-088		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-089		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-090		< 0.0016	< 0.00131		< 0.00124			< 0.00129	< 0.00131	
PCB-092		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-093		< 0.00213	< 0.00174		< 0.00165			< 0.00172	< 0.00174	
PCB-094		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-095		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-096		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-099		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRU	SWBRU	SWBRU	SWBRU	SWICDA	SWICDA	SWICDA	SWICDA	SWICDA
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRU-110505-01	SWBRU-111005-01	SWBRU-120510-01	SWBRU-120510-02	SWICDA-100316-01	SWICDA-100505-01	SWICDA-100506-01	SWICDA-100922-01	SWICDA-110504-01
PCB-103		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-104		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-105	32598-14-4	< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-106		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-107		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-109		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-110		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-111		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-112		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-114	74472-37-0	< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-118	31508-00-6	< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-119										
PCB-120		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-121		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-122		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-123	65510-44-3	< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-126	57465-28-8	< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-127		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-128		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-129		< 0.0016	< 0.00131		< 0.00124			< 0.00129	< 0.00131	
PCB-130		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-131		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-132		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-133		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-134		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-136		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-137		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-139		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-141		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-142		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-144		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-145		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-146		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-147		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-148		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-150		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-151		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-152		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-153		< 0.00106	< 0.00087		< 0.00083			< 0.00086	0.00095	
PCB-154		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-155		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-156		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-158		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRU	SWBRU	SWBRU	SWBRU	SWICDA	SWICDA	SWICDA	SWICDA	SWICDA
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRU-110505-01	SWBRU-111005-01	SWBRU-120510-01	SWBRU-120510-02	SWICDA-100316-01	SWICDA-100505-01	SWICDA-100506-01	SWICDA-100922-01	SWICDA-110504-01
PCB-159		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-160		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-161		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-162		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-164		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-165		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-167	52663-72-6	< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-169	32774-16-6	< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-170		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-171		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-172		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-174		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-175		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-176		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-177		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-178		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-179		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-180		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-181		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-182		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-183		< 0.00106	< 0.00087		< 0.00083			< 0.00086	< 0.00087	
PCB-184		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-186		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-187		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-188		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-189	39635-31-9	< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-190		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-191		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-192		< 0.00053	< 0.00044		< 0.00041			< 0.00043	< 0.00044	
PCB-194		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-195		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-196		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-197		< 0.0016	< 0.00131		< 0.00124			< 0.00129	< 0.00127	
PCB-198		< 0.0016	< 0.00131		< 0.00124			< 0.00129	< 0.00127	
PCB-201		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-202		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-203		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-204		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-205		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-206		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-207		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-208		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	
PCB-209		< 0.0008	< 0.00065		< 0.00062			< 0.00065	< 0.00064	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWBRU	SWBRU	SWBRU	SWBRU	SWICDA	SWICDA	SWICDA	SWICDA	SWICDA
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWBRU-110505-01	SWBRU-111005-01	SWBRU-120510-01	SWBRU-120510-02	SWICDA-100316-01	SWICDA-100505-01	SWICDA-100506-01	SWICDA-100922-01	SWICDA-110504-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000			< 5000			< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand		3400			< 2000			3000		
Chemical Oxygen Demand		23300			< 10000			11100		
Total Organic Carbon		4800			4800			6200		
Total Settleable Solids				< 0.2			< 0.2			< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDA	SWICDA	SWICDA	SWICDA	SWICDB	SWICDB	SWICDB	SWICDB	SWICDB
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWICDA-110505-01	SWICDA-111005-01	SWICDA-120510-01	SWICDA-120510-02	SWICDB-100316-01	SWICDB-100505-01	SWICDB-100506-01	SWICDB-100922-01	SWICDB-110504-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1			< 1			< 1
Trichloroethene	79-01-6			< 1			< 1			< 1
Vinyl Chloride	75-01-4			< 1			< 1			< 1
SVOCs										
Phenolics, Total Recoverable				< 50			< 50			< 50
Metals and Inorganics										
Aluminum	7429-90-5			***208***			***116***			***140***
Aluminum, Dissolved				< 75						< 75
Ammonia	7664-41-7			< 100			< 100			< 100
Arsenic	7440-38-2			< 10			< 10			< 10
Barium	7440-39-3			124			106			91.2
Beryllium	7440-41-7			< 1			< 1			< 1
Boron And Borates Only	7440-42-8			< 100			***123***			***127***
Cadmium	7440-43-9									
Chlorine, Total Residual				< 50			< 50			< 50
Chromium, Total	7440-47-3			< 5			< 5			< 5
Cobalt	7440-48-4			< 5			< 5			< 5
Copper	7440-50-8			< 10			< 10			< 10
Cyanide	57-12-5			< 5			< 5			***12***
Iron	7439-89-6			263			224			230
Lead	7439-92-1			< 5			< 5			< 5
Mercury	7439-97-6			< 0.2			< 0.2			< 0.2
Molybdenum	7439-98-7									
Nickel	7440-02-0			< 5			< 5			< 5
Nitrate	14797-55-8			5300			3800			6300
Nitrate & Nitrite				5300						
Nitrite	14797-65-0			< 200			< 100			260
Phosphorus	7723-14-0			220			590			880
Potassium	7440-09-7			6300			7060			8710
Selenium	7782-49-2			< 15			< 15			< 15
Silicon	7440-21-3			5250						
Silver	7440-22-4			< 7			< 7			< 7
Strontium, Stable	7440-24-6			489			578			508
Sulfate	14808-79-8			91100			83700			123000
Thallium (Soluble Salts)	7440-28-0			< 20			< 20			< 20
Titanium	7440-32-6			< 10			< 10			< 10
Uranium	NA					1.98				
Uranium-234	13966-29-5					0.681				
Uranium-235	15117-96-1					0.068				
Uranium-238	7440-61-1					0.579				
Zinc	7440-66-6			< 50			< 50			< 50

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDA	SWICDA	SWICDA	SWICDA	SWICDB	SWICDB	SWICDB	SWICDB	SWICDB
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWICDA-110505-01	SWICDA-111005-01	SWICDA-120510-01	SWICDA-120510-02	SWICDB-100316-01	SWICDB-100505-01	SWICDB-100506-01	SWICDB-100922-01	SWICDB-110504-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.5			< 0.5			< 0.5
Aroclor 1221	11104-28-2			< 0.5			< 0.5			< 0.5
Aroclor 1232	11141-16-5			< 0.5			< 0.5			< 0.5
Aroclor 1242	53469-21-9			< 0.5			< 0.5			< 0.5
Aroclor 1248	12672-29-6			< 0.5			< 0.5			< 0.5
Aroclor 1254	11097-69-1			< 0.5			< 0.5			< 0.5
Aroclor 1260	11096-82-5			< 0.5			< 0.5			< 0.5
PCB-001		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-002		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-003		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-004		< 0.00027	< 0.0002		< 0.00022			0.00057	0.00027	
PCB-005		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-006		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-007		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-008		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-009		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-010		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-011		< 0.0016	< 0.00122		< 0.00129			< 0.00129	< 0.00129	
PCB-012		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-014		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-015		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-016		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-017		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-018		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-019		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-020		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-021		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-022		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-023		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-024		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-025		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-026		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-027		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-031		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-032		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-034		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-035		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-036		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-037		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-038		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-039		< 0.00027	< 0.0002		< 0.00022			< 0.00022	< 0.00021	
PCB-040		< 0.0016	< 0.00122		< 0.00129			< 0.00129	< 0.00129	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDA	SWICDA	SWICDA	SWICDA	SWICDB	SWICDB	SWICDB	SWICDB	SWICDB
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWICDA-110505-01	SWICDA-111005-01	SWICDA-120510-01	SWICDA-120510-02	SWICDB-100316-01	SWICDB-100505-01	SWICDB-100506-01	SWICDB-100922-01	SWICDB-110504-01
PCB-042		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-043		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00086	
PCB-044		< 0.0016	< 0.00122		< 0.00129			< 0.00129	< 0.00129	
PCB-045		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00086	
PCB-046		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-048		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-049		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00086	
PCB-050		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00086	
PCB-052		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-054		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-055		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-056		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-057		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-058		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-059		< 0.0016	< 0.00122		< 0.00129			< 0.00129	< 0.00129	
PCB-060		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-061		< 0.00213	< 0.00163		< 0.00172			< 0.00172	< 0.00172	
PCB-063		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-064		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-066		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-067		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-068		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-069										
PCB-072		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-077	32598-13-3	< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-078		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-079		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-080		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-081	70362-50-4	< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00043	
PCB-082		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-083		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-084		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-085		< 0.0016	< 0.00122		< 0.00129			< 0.00129	< 0.00123	
PCB-086		< 0.0032	< 0.00244		< 0.00258			< 0.00259	< 0.00247	
PCB-088		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-089		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-090		< 0.0016	< 0.00122		< 0.00129			< 0.00129	< 0.00123	
PCB-092		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-093		< 0.00213	< 0.00163		< 0.00172			< 0.00172	< 0.00165	
PCB-094		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-095		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-096		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-099		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDA	SWICDA	SWICDA	SWICDA	SWICDB	SWICDB	SWICDB	SWICDB	SWICDB
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWICDA-110505-01	SWICDA-111005-01	SWICDA-120510-01	SWICDA-120510-02	SWICDB-100316-01	SWICDB-100505-01	SWICDB-100506-01	SWICDB-100922-01	SWICDB-110504-01
PCB-103		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-104		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-105	32598-14-4	< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-106		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-107		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-109		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-110		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-111		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-112		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-114	74472-37-0	< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-118	31508-00-6	< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-119										
PCB-120		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-121		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-122		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-123	65510-44-3	< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-126	57465-28-8	< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-127		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-128		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-129		< 0.0016	< 0.00122		< 0.00129			< 0.00129	< 0.00123	
PCB-130		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-131		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-132		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-133		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-134		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-136		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-137		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-139		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-141		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-142		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-144		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-145		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-146		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-147		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-148		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-150		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-151		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-152		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-153		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-154		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-155		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-156		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-158		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDA	SWICDA	SWICDA	SWICDA	SWICDB	SWICDB	SWICDB	SWICDB	SWICDB
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWICDA-110505-01	SWICDA-111005-01	SWICDA-120510-01	SWICDA-120510-02	SWICDB-100316-01	SWICDB-100505-01	SWICDB-100506-01	SWICDB-100922-01	SWICDB-110504-01
PCB-159		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-160		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-161		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-162		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-164		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-165		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-167	52663-72-6	< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-169	32774-16-6	< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-170		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-171		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-172		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-174		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-175		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-176		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-177		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-178		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-179		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-180		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-181		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-182		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-183		< 0.00107	< 0.00081		< 0.00086			< 0.00086	< 0.00082	
PCB-184		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-186		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-187		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-188		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-189	39635-31-9	< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-190		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-191		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-192		< 0.00053	< 0.00041		< 0.00043			< 0.00043	< 0.00041	
PCB-194		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-195		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-196		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-197		< 0.0016	< 0.00122		< 0.00129			< 0.00129	< 0.00129	
PCB-198		< 0.0016	< 0.00122		< 0.00129			< 0.00129	< 0.00129	
PCB-201		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-202		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-203		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-204		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-205		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-206		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-207		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-208		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	
PCB-209		< 0.0008	< 0.00061		< 0.00065			< 0.00065	< 0.00064	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDA	SWICDA	SWICDA	SWICDA	SWICDB	SWICDB	SWICDB	SWICDB	SWICDB
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	3/16/2010	5/5/2010	5/6/2010	9/22/2010	5/4/2011
		SWICDA-110505-01	SWICDA-111005-01	SWICDA-120510-01	SWICDA-120510-02	SWICDB-100316-01	SWICDB-100505-01	SWICDB-100506-01	SWICDB-100922-01	SWICDB-110504-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000			< 5000			< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand		3700			< 2000			2600		
Chemical Oxygen Demand		27100			< 10000			< 10000		
Total Organic Carbon		5800			4400			7100		
Total Settleable Solids				< 0.2			< 0.2			< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDB	SWICDB	SWICDB	SWICDB	OF001	OF001	OF001	OF001	OF001
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010
		SWICDB-110505-01	SWICDB-111005-01	SWICDB-120510-01	SWICDB-120510-02	OF001-100105-01	OF001-100112-01	OF001-100119-01	OF001-100126-01	OF001-100202-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1		3.9				
Trichloroethene	79-01-6			< 1		< 1				
Vinyl Chloride	75-01-4			< 1		< 1				
SVOCs										
Phenolics, Total Recoverable				< 50						
Metals and Inorganics										
Aluminum	7429-90-5			***146***		< 75				
Aluminum, Dissolved				< 75		< 75				
Ammonia	7664-41-7			< 100						
Arsenic	7440-38-2			< 10						
Barium	7440-39-3			126						
Beryllium	7440-41-7			< 1						
Boron And Borates Only	7440-42-8			< 100						
Cadmium	7440-43-9									
Chlorine, Total Residual				< 50						
Chromium, Total	7440-47-3			< 5		< 5				
Cobalt	7440-48-4			< 5						
Copper	7440-50-8			< 10						
Cyanide	57-12-5			< 5						
Iron	7439-89-6			219						
Lead	7439-92-1			< 5						
Mercury	7439-97-6			< 0.2		< 0.2				
Molybdenum	7439-98-7									
Nickel	7440-02-0			< 5						
Nitrate	14797-55-8			5500						
Nitrate & Nitrite				5600						
Nitrite	14797-65-0			< 200						
Phosphorus	7723-14-0			210						
Potassium	7440-09-7			6290						
Selenium	7782-49-2			< 15						
Silicon	7440-21-3			5240						
Silver	7440-22-4			< 7						
Strontium, Stable	7440-24-6			497						
Sulfate	14808-79-8			90600						
Thallium (Soluble Salts)	7440-28-0			< 20						
Titanium	7440-32-6			< 10						
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6			< 50						

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDB	SWICDB	SWICDB	SWICDB	OF001	OF001	OF001	OF001	OF001
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010
		SWICDB-110505-01	SWICDB-111005-01	SWICDB-120510-01	SWICDB-120510-02	OF001-100105-01	OF001-100112-01	OF001-100119-01	OF001-100126-01	OF001-100202-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2			< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2			< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5			< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9			< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6			< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1			< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5			< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001		< 0.00026	< 0.00021		< 0.00023					
PCB-002		< 0.00026	< 0.00021		< 0.00023					
PCB-003		< 0.00026	< 0.00021		< 0.00023					
PCB-004		< 0.00026	< 0.00021		< 0.00023					
PCB-005		< 0.00026	< 0.00021		< 0.00023					
PCB-006		< 0.00026	< 0.00021		< 0.00023					
PCB-007		< 0.00026	< 0.00021		< 0.00023					
PCB-008		< 0.00026	< 0.00021		< 0.00023					
PCB-009		< 0.00026	< 0.00021		< 0.00023					
PCB-010		< 0.00026	< 0.00021		< 0.00023					
PCB-011		< 0.00157	< 0.00127		< 0.00135					
PCB-012		< 0.00052	< 0.00042		< 0.00045					
PCB-014		< 0.00026	< 0.00021		< 0.00023					
PCB-015		< 0.00026	< 0.00021		< 0.00023					
PCB-016		< 0.00026	< 0.00021		< 0.00023					
PCB-017		< 0.00026	< 0.00021		< 0.00023					
PCB-018		< 0.00052	< 0.00042		< 0.00045					
PCB-019		< 0.00026	< 0.00021		< 0.00023					
PCB-020		< 0.00052	< 0.00042		< 0.00045					
PCB-021		< 0.00052	< 0.00042		< 0.00045					
PCB-022		< 0.00026	< 0.00021		< 0.00023					
PCB-023		< 0.00026	< 0.00021		< 0.00023					
PCB-024		< 0.00026	< 0.00021		< 0.00023					
PCB-025		< 0.00026	< 0.00021		< 0.00023					
PCB-026		< 0.00052	< 0.00042		< 0.00045					
PCB-027		< 0.00026	< 0.00021		< 0.00023					
PCB-031		< 0.00026	< 0.00021		< 0.00023					
PCB-032		< 0.00026	< 0.00021		< 0.00023					
PCB-034		< 0.00026	< 0.00021		< 0.00023					
PCB-035		< 0.00026	< 0.00021		< 0.00023					
PCB-036		< 0.00026	< 0.00021		< 0.00023					
PCB-037		< 0.00026	< 0.00021		< 0.00023					
PCB-038		< 0.00026	< 0.00021		< 0.00023					
PCB-039		< 0.00026	< 0.00021		< 0.00023					
PCB-040		< 0.00157	< 0.00127		< 0.00135					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDB	SWICDB	SWICDB	SWICDB	OF001	OF001	OF001	OF001	OF001
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010
		SWICDB-110505-01	SWICDB-111005-01	SWICDB-120510-01	SWICDB-120510-02	OF001-100105-01	OF001-100112-01	OF001-100119-01	OF001-100126-01	OF001-100202-01
PCB-042		< 0.00052	< 0.00042		< 0.00045					
PCB-043		< 0.00105	< 0.00085		< 0.0009					
PCB-044		< 0.00157	< 0.00127		< 0.00135					
PCB-045		< 0.00105	< 0.00085		< 0.0009					
PCB-046		< 0.00052	< 0.00042		< 0.00045					
PCB-048		< 0.00052	< 0.00042		< 0.00045					
PCB-049		< 0.00105	< 0.00085		< 0.0009					
PCB-050		< 0.00105	< 0.00085		< 0.0009					
PCB-052		< 0.00052	< 0.00042		< 0.00045					
PCB-054		< 0.00052	< 0.00042		< 0.00045					
PCB-055		< 0.00052	< 0.00042		< 0.00045					
PCB-056		< 0.00052	< 0.00042		< 0.00045					
PCB-057		< 0.00052	< 0.00042		< 0.00045					
PCB-058		< 0.00052	< 0.00042		< 0.00045					
PCB-059		< 0.00157	< 0.00127		< 0.00135					
PCB-060		< 0.00052	< 0.00042		< 0.00045					
PCB-061		< 0.00209	< 0.0017		< 0.0018					
PCB-063		< 0.00052	< 0.00042		< 0.00045					
PCB-064		< 0.00052	< 0.00042		< 0.00045					
PCB-066		< 0.00052	< 0.00042		< 0.00045					
PCB-067		< 0.00052	< 0.00042		< 0.00045					
PCB-068		< 0.00052	< 0.00042		< 0.00045					
PCB-069										
PCB-072		< 0.00052	< 0.00042		< 0.00045					
PCB-077	32598-13-3	< 0.00052	< 0.00042		< 0.00045					
PCB-078		< 0.00052	< 0.00042		< 0.00045					
PCB-079		< 0.00052	< 0.00042		< 0.00045					
PCB-080		< 0.00052	< 0.00042		< 0.00045					
PCB-081	70362-50-4	< 0.00052	< 0.00042		< 0.00045					
PCB-082		< 0.00052	< 0.00042		< 0.00045					
PCB-083		< 0.00052	< 0.00042		< 0.00045					
PCB-084		< 0.00052	< 0.00042		< 0.00045					
PCB-085		< 0.00157	< 0.00127		< 0.00135					
PCB-086		< 0.00314	< 0.00254		< 0.00271					
PCB-088		< 0.00105	< 0.00085		< 0.0009					
PCB-089		< 0.00052	< 0.00042		< 0.00045					
PCB-090		< 0.00157	< 0.00127		< 0.00135					
PCB-092		< 0.00052	< 0.00042		< 0.00045					
PCB-093		< 0.00209	< 0.0017		< 0.0018					
PCB-094		< 0.00052	< 0.00042		< 0.00045					
PCB-095		< 0.00052	< 0.00042		< 0.00045					
PCB-096		< 0.00052	< 0.00042		< 0.00045					
PCB-099		< 0.00052	< 0.00042		< 0.00045					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDB	SWICDB	SWICDB	SWICDB	OF001	OF001	OF001	OF001	OF001
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010
		SWICDB-110505-01	SWICDB-111005-01	SWICDB-120510-01	SWICDB-120510-02	OF001-100105-01	OF001-100112-01	OF001-100119-01	OF001-100126-01	OF001-100202-01
PCB-103		< 0.00052	< 0.00042		< 0.00045					
PCB-104		< 0.00052	< 0.00042		< 0.00045					
PCB-105	32598-14-4	< 0.00052	< 0.00042		< 0.00045					
PCB-106		< 0.00052	< 0.00042		< 0.00045					
PCB-107		< 0.00105	< 0.00085		< 0.0009					
PCB-109		< 0.00052	< 0.00042		< 0.00045					
PCB-110		< 0.00105	< 0.00085		< 0.0009					
PCB-111		< 0.00052	< 0.00042		< 0.00045					
PCB-112		< 0.00052	< 0.00042		< 0.00045					
PCB-114	74472-37-0	< 0.00052	< 0.00042		< 0.00045					
PCB-118	31508-00-6	< 0.00052	< 0.00042		< 0.00045					
PCB-119										
PCB-120		< 0.00052	< 0.00042		< 0.00045					
PCB-121		< 0.00052	< 0.00042		< 0.00045					
PCB-122		< 0.00052	< 0.00042		< 0.00045					
PCB-123	65510-44-3	< 0.00052	< 0.00042		< 0.00045					
PCB-126	57465-28-8	< 0.00052	< 0.00042		< 0.00045					
PCB-127		< 0.00052	< 0.00042		< 0.00045					
PCB-128		< 0.00105	< 0.00085		< 0.0009					
PCB-129		< 0.00157	< 0.00127		< 0.00135					
PCB-130		< 0.00052	< 0.00042		< 0.00045					
PCB-131		< 0.00052	< 0.00042		< 0.00045					
PCB-132		< 0.00052	< 0.00042		< 0.00045					
PCB-133		< 0.00052	< 0.00042		< 0.00045					
PCB-134		< 0.00105	< 0.00085		< 0.0009					
PCB-136		< 0.00052	< 0.00042		< 0.00045					
PCB-137		< 0.00052	< 0.00042		< 0.00045					
PCB-139		< 0.00105	< 0.00085		< 0.0009					
PCB-141		< 0.00052	< 0.00042		< 0.00045					
PCB-142		< 0.00052	< 0.00042		< 0.00045					
PCB-144		< 0.00052	< 0.00042		< 0.00045					
PCB-145		< 0.00052	< 0.00042		< 0.00045					
PCB-146		< 0.00052	< 0.00042		< 0.00045					
PCB-147		< 0.00105	< 0.00085		< 0.0009					
PCB-148		< 0.00052	< 0.00042		< 0.00045					
PCB-150		< 0.00052	< 0.00042		< 0.00045					
PCB-151		< 0.00105	< 0.00085		< 0.0009					
PCB-152		< 0.00052	< 0.00042		< 0.00045					
PCB-153		< 0.00105	< 0.00085		< 0.0009					
PCB-154		< 0.00052	< 0.00042		< 0.00045					
PCB-155		< 0.00052	< 0.00042		< 0.00045					
PCB-156		< 0.00105	< 0.00085		< 0.0009					
PCB-158		< 0.00052	< 0.00042		< 0.00045					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDB	SWICDB	SWICDB	SWICDB	OF001	OF001	OF001	OF001	OF001
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010
		SWICDB-110505-01	SWICDB-111005-01	SWICDB-120510-01	SWICDB-120510-02	OF001-100105-01	OF001-100112-01	OF001-100119-01	OF001-100126-01	OF001-100202-01
PCB-159		< 0.00052	< 0.00042		< 0.00045					
PCB-160		< 0.00052	< 0.00042		< 0.00045					
PCB-161		< 0.00052	< 0.00042		< 0.00045					
PCB-162		< 0.00052	< 0.00042		< 0.00045					
PCB-164		< 0.00052	< 0.00042		< 0.00045					
PCB-165		< 0.00052	< 0.00042		< 0.00045					
PCB-167	52663-72-6	< 0.00052	< 0.00042		< 0.00045					
PCB-169	32774-16-6	< 0.00052	< 0.00042		< 0.00045					
PCB-170		< 0.00052	< 0.00042		< 0.00045					
PCB-171		< 0.00105	< 0.00085		< 0.0009					
PCB-172		< 0.00052	< 0.00042		< 0.00045					
PCB-174		< 0.00052	< 0.00042		< 0.00045					
PCB-175		< 0.00052	< 0.00042		< 0.00045					
PCB-176		< 0.00052	< 0.00042		< 0.00045					
PCB-177		< 0.00052	< 0.00042		< 0.00045					
PCB-178		< 0.00052	< 0.00042		< 0.00045					
PCB-179		< 0.00052	< 0.00042		< 0.00045					
PCB-180		< 0.00105	< 0.00085		< 0.0009					
PCB-181		< 0.00052	< 0.00042		< 0.00045					
PCB-182		< 0.00052	< 0.00042		< 0.00045					
PCB-183		< 0.00105	< 0.00085		< 0.0009					
PCB-184		< 0.00052	< 0.00042		< 0.00045					
PCB-186		< 0.00052	< 0.00042		< 0.00045					
PCB-187		< 0.00052	< 0.00042		< 0.00045					
PCB-188		< 0.00052	< 0.00042		< 0.00045					
PCB-189	39635-31-9	< 0.00052	< 0.00042		< 0.00045					
PCB-190		< 0.00052	< 0.00042		< 0.00045					
PCB-191		< 0.00052	< 0.00042		< 0.00045					
PCB-192		< 0.00052	< 0.00042		< 0.00045					
PCB-194		< 0.00078	< 0.00064		< 0.00068					
PCB-195		< 0.00078	< 0.00064		< 0.00068					
PCB-196		< 0.00078	< 0.00064		< 0.00068					
PCB-197		< 0.00157	< 0.00127		< 0.00135					
PCB-198		< 0.00157	< 0.00127		< 0.00135					
PCB-201		< 0.00078	< 0.00064		< 0.00068					
PCB-202		< 0.00078	< 0.00064		< 0.00068					
PCB-203		< 0.00078	< 0.00064		< 0.00068					
PCB-204		< 0.00078	< 0.00064		< 0.00068					
PCB-205		< 0.00078	< 0.00064		< 0.00068					
PCB-206		< 0.00078	< 0.00064		< 0.00068					
PCB-207		< 0.00078	< 0.00064		< 0.00068					
PCB-208		< 0.00078	< 0.00064		< 0.00068					
PCB-209		< 0.00078	< 0.00064		< 0.00068					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SWICDB	SWICDB	SWICDB	SWICDB	OF001	OF001	OF001	OF001	OF001
		5/5/2011	10/5/2011	5/10/2012	5/10/2012	1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010
		SWICDB-110505-01	SWICDB-111005-01	SWICDB-120510-01	SWICDB-120510-02	OF001-100105-01	OF001-100112-01	OF001-100119-01	OF001-100126-01	OF001-100202-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000		< 5000				< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand		8400			< 2000					
Chemical Oxygen Demand		26700			< 10000					
Total Organic Carbon		6200			4600					
Total Settleable Solids				< 0.2		< 0.2				< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010	3/23/2010	3/30/2010	4/6/2010
		OF001-100209-01	OF001-100216-01	OF001-100223-01	OF001-100302-01	OF001-100309-01	OF001-100316-01	OF001-100323-01	OF001-100330-01	OF001-100406-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									4.8
Trichloroethene	79-01-6									< 1
Vinyl Chloride	75-01-4									< 1
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									***218***
Aluminum, Dissolved										< 75
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									< 5
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									< 0.2
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010	3/23/2010	3/30/2010	4/6/2010
		OF001-100209-01	OF001-100216-01	OF001-100223-01	OF001-100302-01	OF001-100309-01	OF001-100316-01	OF001-100323-01	OF001-100330-01	OF001-100406-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010	3/23/2010	3/30/2010	4/6/2010
		OF001-100209-01	OF001-100216-01	OF001-100223-01	OF001-100302-01	OF001-100309-01	OF001-100316-01	OF001-100323-01	OF001-100330-01	OF001-100406-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010	3/23/2010	3/30/2010	4/6/2010
		OF001-100209-01	OF001-100216-01	OF001-100223-01	OF001-100302-01	OF001-100309-01	OF001-100316-01	OF001-100323-01	OF001-100330-01	OF001-100406-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010	3/23/2010	3/30/2010	4/6/2010
		OF001-100209-01	OF001-100216-01	OF001-100223-01	OF001-100302-01	OF001-100309-01	OF001-100316-01	OF001-100323-01	OF001-100330-01	OF001-100406-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010	3/23/2010	3/30/2010	4/6/2010
		OF001-100209-01	OF001-100216-01	OF001-100223-01	OF001-100302-01	OF001-100309-01	OF001-100316-01	OF001-100323-01	OF001-100330-01	OF001-100406-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease					< 5000					< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids					< 0.2					< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		4/7/2010	4/13/2010	4/20/2010	4/26/2010	5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010
		OF001-100407-01	OF001-100413-01	OF001-100420-01	OF001-100427-01	OF001-100505-01	OF001-100506-01	OF001-100511-01	OF001-100518-01	OF001-100525-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0					3.7				
Trichloroethene	79-01-6					< 1				
Vinyl Chloride	75-01-4					< 1				
SVOCs										
Phenolics, Total Recoverable						< 50				
Metals and Inorganics										
Aluminum	7429-90-5					< 75				
Aluminum, Dissolved										
Ammonia	7664-41-7					< 100				
Arsenic	7440-38-2					< 10				
Barium	7440-39-3					132				
Beryllium	7440-41-7					< 1				
Boron And Borates Only	7440-42-8					< 100				
Cadmium	7440-43-9									
Chlorine, Total Residual						< 50				
Chromium, Total	7440-47-3					< 5				
Cobalt	7440-48-4					< 5				
Copper	7440-50-8					< 10				
Cyanide	57-12-5					< 5				
Iron	7439-89-6					477				
Lead	7439-92-1					< 5				
Mercury	7439-97-6					< 0.2				
Molybdenum	7439-98-7									
Nickel	7440-02-0					< 5				
Nitrate	14797-55-8					660				
Nitrate & Nitrite										
Nitrite	14797-65-0					< 100				
Phosphorus	7723-14-0					180				
Potassium	7440-09-7					2580				
Selenium	7782-49-2					< 15				
Silicon	7440-21-3									
Silver	7440-22-4					< 7				
Strontium, Stable	7440-24-6					886				
Sulfate	14808-79-8					72600				
Thallium (Soluble Salts)	7440-28-0					< 20				
Titanium	7440-32-6					< 10				
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6					< 50				

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		4/7/2010	4/13/2010	4/20/2010	4/26/2010	5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010
		OF001-100407-01	OF001-100413-01	OF001-100420-01	OF001-100427-01	OF001-100505-01	OF001-100506-01	OF001-100511-01	OF001-100518-01	OF001-100525-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6		< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
PCB-001							0.00122			
PCB-002							< 0.00021			
PCB-003							< 0.00021			
PCB-004							0.00369			
PCB-005							< 0.00021			
PCB-006							< 0.00021			
PCB-007							< 0.00021			
PCB-008							0.00032			
PCB-009							< 0.00021			
PCB-010							< 0.00021			
PCB-011							< 0.00126			
PCB-012							< 0.00042			
PCB-014							< 0.00021			
PCB-015							0.00132			
PCB-016							< 0.00021			
PCB-017							0.00033			
PCB-018							0.00049			
PCB-019							0.00141			
PCB-020							0.00177			
PCB-021							< 0.00042			
PCB-022							0.00055			
PCB-023							< 0.00021			
PCB-024							< 0.00021			
PCB-025							< 0.00021			
PCB-026							< 0.00042			
PCB-027							0.00029			
PCB-031							0.00108			
PCB-032							0.00089			
PCB-034							< 0.00021			
PCB-035							< 0.00021			
PCB-036							< 0.00021			
PCB-037							0.00037			
PCB-038							< 0.00021			
PCB-039							< 0.00021			
PCB-040							< 0.00126			

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		4/7/2010	4/13/2010	4/20/2010	4/26/2010	5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010
		OF001-100407-01	OF001-100413-01	OF001-100420-01	OF001-100427-01	OF001-100505-01	OF001-100506-01	OF001-100511-01	OF001-100518-01	OF001-100525-01
PCB-042							< 0.00042			
PCB-043							< 0.00084			
PCB-044							0.00129			
PCB-045							< 0.00084			
PCB-046							< 0.00042			
PCB-048							< 0.00042			
PCB-049							< 0.00084			
PCB-050							< 0.00084			
PCB-052							0.00144			
PCB-054							< 0.00042			
PCB-055							< 0.00042			
PCB-056							0.00051			
PCB-057							< 0.00042			
PCB-058							< 0.00042			
PCB-059							< 0.00126			
PCB-060							< 0.00042			
PCB-061							< 0.00168			
PCB-063							< 0.00042			
PCB-064							0.00065			
PCB-066							0.00102			
PCB-067							< 0.00042			
PCB-068							< 0.00042			
PCB-069										
PCB-072							< 0.00042			
PCB-077	32598-13-3						< 0.00042			
PCB-078							< 0.00042			
PCB-079							< 0.00042			
PCB-080							< 0.00042			
PCB-081	70362-50-4						< 0.00042			
PCB-082							< 0.00042			
PCB-083							< 0.00042			
PCB-084							< 0.00042			
PCB-085							< 0.00126			
PCB-086							< 0.00252			
PCB-088							< 0.00084			
PCB-089							< 0.00042			
PCB-090							< 0.00126			
PCB-092							< 0.00042			
PCB-093							< 0.00168			
PCB-094							< 0.00042			
PCB-095							< 0.00042			
PCB-096							< 0.00042			
PCB-099							< 0.00042			

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		4/7/2010	4/13/2010	4/20/2010	4/26/2010	5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010
		OF001-100407-01	OF001-100413-01	OF001-100420-01	OF001-100427-01	OF001-100505-01	OF001-100506-01	OF001-100511-01	OF001-100518-01	OF001-100525-01
PCB-103							< 0.00042			
PCB-104							< 0.00042			
PCB-105	32598-14-4						< 0.00042			
PCB-106							< 0.00042			
PCB-107							< 0.00084			
PCB-109							< 0.00042			
PCB-110							< 0.00084			
PCB-111							< 0.00042			
PCB-112							< 0.00042			
PCB-114	74472-37-0						< 0.00042			
PCB-118	31508-00-6						< 0.00042			
PCB-119										
PCB-120							< 0.00042			
PCB-121							< 0.00042			
PCB-122							< 0.00042			
PCB-123	65510-44-3						< 0.00042			
PCB-126	57465-28-8						< 0.00042			
PCB-127							< 0.00042			
PCB-128							< 0.00084			
PCB-129							< 0.00126			
PCB-130							< 0.00042			
PCB-131							< 0.00042			
PCB-132							< 0.00042			
PCB-133							< 0.00042			
PCB-134							< 0.00084			
PCB-136							< 0.00042			
PCB-137							< 0.00042			
PCB-139							< 0.00084			
PCB-141							< 0.00042			
PCB-142							< 0.00042			
PCB-144							< 0.00042			
PCB-145							< 0.00042			
PCB-146							< 0.00042			
PCB-147							< 0.00084			
PCB-148							< 0.00042			
PCB-150							< 0.00042			
PCB-151							< 0.00084			
PCB-152							< 0.00042			
PCB-153							< 0.00084			
PCB-154							< 0.00042			
PCB-155							< 0.00042			
PCB-156							< 0.00084			
PCB-158							< 0.00042			

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		4/7/2010	4/13/2010	4/20/2010	4/26/2010	5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010
		OF001-100407-01	OF001-100413-01	OF001-100420-01	OF001-100427-01	OF001-100505-01	OF001-100506-01	OF001-100511-01	OF001-100518-01	OF001-100525-01
PCB-159							< 0.00042			
PCB-160							< 0.00042			
PCB-161							< 0.00042			
PCB-162							< 0.00042			
PCB-164							< 0.00042			
PCB-165							< 0.00042			
PCB-167	52663-72-6						< 0.00042			
PCB-169	32774-16-6						< 0.00042			
PCB-170							< 0.00042			
PCB-171							< 0.00084			
PCB-172							< 0.00042			
PCB-174							< 0.00042			
PCB-175							< 0.00042			
PCB-176							< 0.00042			
PCB-177							< 0.00042			
PCB-178							< 0.00042			
PCB-179							< 0.00042			
PCB-180							< 0.00084			
PCB-181							< 0.00042			
PCB-182							< 0.00042			
PCB-183							< 0.00084			
PCB-184							< 0.00042			
PCB-186							< 0.00042			
PCB-187							< 0.00042			
PCB-188							< 0.00042			
PCB-189	39635-31-9						< 0.00042			
PCB-190							< 0.00042			
PCB-191							< 0.00042			
PCB-192							< 0.00042			
PCB-194							< 0.00063			
PCB-195							< 0.00063			
PCB-196							< 0.00063			
PCB-197							< 0.00126			
PCB-198							< 0.00126			
PCB-201							< 0.00063			
PCB-202							< 0.00063			
PCB-203							< 0.00063			
PCB-204							< 0.00063			
PCB-205							< 0.00063			
PCB-206							< 0.00063			
PCB-207							< 0.00063			
PCB-208							< 0.00063			
PCB-209							< 0.00063			

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		4/7/2010	4/13/2010	4/20/2010	4/26/2010	5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010
		OF001-100407-01	OF001-100413-01	OF001-100420-01	OF001-100427-01	OF001-100505-01	OF001-100506-01	OF001-100511-01	OF001-100518-01	OF001-100525-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease						< 5000				
TPH (Total)										
Other										
Biochemical Oxygen Demand							2400			
Chemical Oxygen Demand							< 10000			
Total Organic Carbon							4200			
Total Settleable Solids		< 0.2				< 0.2				

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010
		OF001-100601-01	OF001-100608-01	OF001-100615-01	OF001-100622-01	OF001-100629-01	OF001-100706-01	OF001-100713-01	OF001-100720-01	OF001-100727-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0							3		
Trichloroethene	79-01-6							< 1		
Vinyl Chloride	75-01-4							< 1		
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5							< 75		
Aluminum, Dissolved								< 75		
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3							< 5		
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6							< 0.2		
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010
		OF001-100601-01	OF001-100608-01	OF001-100615-01	OF001-100622-01	OF001-100629-01	OF001-100706-01	OF001-100713-01	OF001-100720-01	OF001-100727-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010
		OF001-100601-01	OF001-100608-01	OF001-100615-01	OF001-100622-01	OF001-100629-01	OF001-100706-01	OF001-100713-01	OF001-100720-01	OF001-100727-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010
		OF001-100601-01	OF001-100608-01	OF001-100615-01	OF001-100622-01	OF001-100629-01	OF001-100706-01	OF001-100713-01	OF001-100720-01	OF001-100727-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010
		OF001-100601-01	OF001-100608-01	OF001-100615-01	OF001-100622-01	OF001-100629-01	OF001-100706-01	OF001-100713-01	OF001-100720-01	OF001-100727-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010
		OF001-100601-01	OF001-100608-01	OF001-100615-01	OF001-100622-01	OF001-100629-01	OF001-100706-01	OF001-100713-01	OF001-100720-01	OF001-100727-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000					< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2					< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010
		OF001-100803-01	OF001-100810-01	OF001-100817-01	OF001-100824-01	OF001-100831-01	OF001-100907-01	OF001-100914-01	OF001-100921-01	OF001-100922-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0							2.6		
Trichloroethene	79-01-6							< 1		
Vinyl Chloride	75-01-4							< 1		
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5							***366***		
Aluminum, Dissolved								< 75		
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3							< 5		
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6							< 0.2		
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010
		OF001-100803-01	OF001-100810-01	OF001-100817-01	OF001-100824-01	OF001-100831-01	OF001-100907-01	OF001-100914-01	OF001-100921-01	OF001-100922-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
PCB-001										0.00071
PCB-002										< 0.00021
PCB-003										< 0.00021
PCB-004										0.00212
PCB-005										< 0.00021
PCB-006										< 0.00021
PCB-007										< 0.00021
PCB-008										0.00051
PCB-009										< 0.00021
PCB-010										< 0.00021
PCB-011										< 0.00127
PCB-012										< 0.00042
PCB-014										< 0.00021
PCB-015										0.00121
PCB-016										< 0.00021
PCB-017										0.0003
PCB-018										< 0.00042
PCB-019										0.00103
PCB-020										0.00094
PCB-021										< 0.00042
PCB-022										0.00033
PCB-023										< 0.00021
PCB-024										< 0.00021
PCB-025										< 0.00021
PCB-026										< 0.00042
PCB-027										0.00025
PCB-031										0.00061
PCB-032										0.00077
PCB-034										< 0.00021
PCB-035										< 0.00021
PCB-036										< 0.00021
PCB-037										0.0003
PCB-038										< 0.00021
PCB-039										< 0.00021
PCB-040										< 0.00127

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010
		OF001-100803-01	OF001-100810-01	OF001-100817-01	OF001-100824-01	OF001-100831-01	OF001-100907-01	OF001-100914-01	OF001-100921-01	OF001-100922-01
PCB-042										< 0.00042
PCB-043										< 0.00085
PCB-044										< 0.00127
PCB-045										< 0.00085
PCB-046										< 0.00042
PCB-048										< 0.00042
PCB-049										< 0.00085
PCB-050										< 0.00085
PCB-052										0.00071
PCB-054										< 0.00042
PCB-055										< 0.00042
PCB-056										< 0.00042
PCB-057										< 0.00042
PCB-058										< 0.00042
PCB-059										< 0.00127
PCB-060										< 0.00042
PCB-061										< 0.0017
PCB-063										< 0.00042
PCB-064										< 0.00042
PCB-066										0.00062
PCB-067										< 0.00042
PCB-068										< 0.00042
PCB-069										
PCB-072										< 0.00042
PCB-077	32598-13-3									< 0.00042
PCB-078										< 0.00042
PCB-079										< 0.00042
PCB-080										< 0.00042
PCB-081	70362-50-4									< 0.00042
PCB-082										< 0.00042
PCB-083										< 0.00042
PCB-084										< 0.00042
PCB-085										< 0.00127
PCB-086										< 0.00253
PCB-088										< 0.00084
PCB-089										< 0.00042
PCB-090										< 0.00127
PCB-092										< 0.00042
PCB-093										< 0.00169
PCB-094										< 0.00042
PCB-095										0.00043
PCB-096										< 0.00042
PCB-099										< 0.00042

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010
		OF001-100803-01	OF001-100810-01	OF001-100817-01	OF001-100824-01	OF001-100831-01	OF001-100907-01	OF001-100914-01	OF001-100921-01	OF001-100922-01
PCB-103										< 0.00042
PCB-104										< 0.00042
PCB-105	32598-14-4									< 0.00042
PCB-106										< 0.00042
PCB-107										< 0.00084
PCB-109										< 0.00042
PCB-110										< 0.00084
PCB-111										< 0.00042
PCB-112										< 0.00042
PCB-114	74472-37-0									< 0.00042
PCB-118	31508-00-6									< 0.00042
PCB-119										
PCB-120										< 0.00042
PCB-121										< 0.00042
PCB-122										< 0.00042
PCB-123	65510-44-3									< 0.00042
PCB-126	57465-28-8									< 0.00042
PCB-127										< 0.00042
PCB-128										< 0.00084
PCB-129										< 0.00127
PCB-130										< 0.00042
PCB-131										< 0.00042
PCB-132										< 0.00042
PCB-133										< 0.00042
PCB-134										< 0.00084
PCB-136										< 0.00042
PCB-137										< 0.00042
PCB-139										< 0.00084
PCB-141										< 0.00042
PCB-142										< 0.00042
PCB-144										< 0.00042
PCB-145										< 0.00042
PCB-146										< 0.00042
PCB-147										< 0.00084
PCB-148										< 0.00042
PCB-150										< 0.00042
PCB-151										< 0.00084
PCB-152										< 0.00042
PCB-153										< 0.00084
PCB-154										< 0.00042
PCB-155										< 0.00042
PCB-156										< 0.00084
PCB-158										< 0.00042

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010
		OF001-100803-01	OF001-100810-01	OF001-100817-01	OF001-100824-01	OF001-100831-01	OF001-100907-01	OF001-100914-01	OF001-100921-01	OF001-100922-01
PCB-159										< 0.00042
PCB-160										< 0.00042
PCB-161										< 0.00042
PCB-162										< 0.00042
PCB-164										< 0.00042
PCB-165										< 0.00042
PCB-167	52663-72-6									< 0.00042
PCB-169	32774-16-6									< 0.00042
PCB-170										< 0.00042
PCB-171										< 0.00084
PCB-172										< 0.00042
PCB-174										< 0.00042
PCB-175										< 0.00042
PCB-176										< 0.00042
PCB-177										< 0.00042
PCB-178										< 0.00042
PCB-179										< 0.00042
PCB-180										< 0.00084
PCB-181										< 0.00042
PCB-182										< 0.00042
PCB-183										< 0.00084
PCB-184										< 0.00042
PCB-186										< 0.00042
PCB-187										< 0.00042
PCB-188										< 0.00042
PCB-189	39635-31-9									< 0.00042
PCB-190										< 0.00042
PCB-191										< 0.00042
PCB-192										< 0.00042
PCB-194										< 0.00063
PCB-195										< 0.00063
PCB-196										< 0.00063
PCB-197										< 0.00127
PCB-198										< 0.00127
PCB-201										< 0.00063
PCB-202										< 0.00063
PCB-203										< 0.00063
PCB-204										< 0.00063
PCB-205										< 0.00063
PCB-206										< 0.00064
PCB-207										< 0.00064
PCB-208										< 0.00064
PCB-209										< 0.00064

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010
		OF001-100803-01	OF001-100810-01	OF001-100817-01	OF001-100824-01	OF001-100831-01	OF001-100907-01	OF001-100914-01	OF001-100921-01	OF001-100922-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000					< 5000	< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids		< 0.2					< 0.2	< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010
		OF001-100928-01	OF001-101005-01	OF001-101012-01	OF001-101019-01	OF001-101026-01	OF001-101102-01	OF001-101109-01	OF001-101116-01	OF001-101123-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									
Trichloroethene	79-01-6									
Vinyl Chloride	75-01-4									
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									
Aluminum, Dissolved										
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010
		OF001-100928-01	OF001-101005-01	OF001-101012-01	OF001-101019-01	OF001-101026-01	OF001-101102-01	OF001-101109-01	OF001-101116-01	OF001-101123-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.53	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.53	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.53	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.53	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.53	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.53	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.53	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010
		OF001-100928-01	OF001-101005-01	OF001-101012-01	OF001-101019-01	OF001-101026-01	OF001-101102-01	OF001-101109-01	OF001-101116-01	OF001-101123-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010
		OF001-100928-01	OF001-101005-01	OF001-101012-01	OF001-101019-01	OF001-101026-01	OF001-101102-01	OF001-101109-01	OF001-101116-01	OF001-101123-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010
		OF001-100928-01	OF001-101005-01	OF001-101012-01	OF001-101019-01	OF001-101026-01	OF001-101102-01	OF001-101109-01	OF001-101116-01	OF001-101123-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010
		OF001-100928-01	OF001-101005-01	OF001-101012-01	OF001-101019-01	OF001-101026-01	OF001-101102-01	OF001-101109-01	OF001-101116-01	OF001-101123-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000				< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2				< 0.2			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/24/2010	11/30/2010	12/7/2010	12/14/2010	12/21/2010	12/28/2010	1/4/2011	1/11/2011	1/18/2011
		OF001-101124-01	OF001-101130-01	OF001-101207-01	OF001-101214-01	OF001-101221-01	OF001-101228-01	OF001-110104-01	OF001-110111-01	OF001-110118-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			1						
Trichloroethene	79-01-6			< 1						
Vinyl Chloride	75-01-4			< 1						
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5			80.5						
Aluminum, Dissolved				< 75						
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3			< 5						
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6			< 0.2						
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/24/2010	11/30/2010	12/7/2010	12/14/2010	12/21/2010	12/28/2010	1/4/2011	1/11/2011	1/18/2011
		OF001-101124-01	OF001-101130-01	OF001-101207-01	OF001-101214-01	OF001-101221-01	OF001-101228-01	OF001-110104-01	OF001-110111-01	OF001-110118-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/24/2010	11/30/2010	12/7/2010	12/14/2010	12/21/2010	12/28/2010	1/4/2011	1/11/2011	1/18/2011
		OF001-101124-01	OF001-101130-01	OF001-101207-01	OF001-101214-01	OF001-101221-01	OF001-101228-01	OF001-110104-01	OF001-110111-01	OF001-110118-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/24/2010	11/30/2010	12/7/2010	12/14/2010	12/21/2010	12/28/2010	1/4/2011	1/11/2011	1/18/2011
		OF001-101124-01	OF001-101130-01	OF001-101207-01	OF001-101214-01	OF001-101221-01	OF001-101228-01	OF001-110104-01	OF001-110111-01	OF001-110118-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/24/2010	11/30/2010	12/7/2010	12/14/2010	12/21/2010	12/28/2010	1/4/2011	1/11/2011	1/18/2011
		OF001-101124-01	OF001-101130-01	OF001-101207-01	OF001-101214-01	OF001-101221-01	OF001-101228-01	OF001-110104-01	OF001-110111-01	OF001-110118-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/24/2010	11/30/2010	12/7/2010	12/14/2010	12/21/2010	12/28/2010	1/4/2011	1/11/2011	1/18/2011
		OF001-101124-01	OF001-101130-01	OF001-101207-01	OF001-101214-01	OF001-101221-01	OF001-101228-01	OF001-110104-01	OF001-110111-01	OF001-110118-01
Hydrocarbons										
Diesel Fuel	68334-30-5	< 400								
Fuel Oil		< 400								
Jet Fuel		< 400								
Kerosene	8008-20-6	< 400								
Mineral Spirits	64475-85-0	< 400								
Motor Oil		< 400								
Oil and Grease				< 5000				< 5000		
TPH (Total)		< 400								
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2				< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF001-110125-01	OF001-110204-01	OF001-110208-01	OF001-110215-01	OF001-110222-01	OF001-110301-01	OF001-110308-01	OF001-110315-01	OF001-110322-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0						2.8			
Trichloroethene	79-01-6						< 1			
Vinyl Chloride	75-01-4						< 1			
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5						***129***			
Aluminum, Dissolved							< 75			
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3						< 5			
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6						< 0.2			
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF001-110125-01	OF001-110204-01	OF001-110208-01	OF001-110215-01	OF001-110222-01	OF001-110301-01	OF001-110308-01	OF001-110315-01	OF001-110322-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
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PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF001-110125-01	OF001-110204-01	OF001-110208-01	OF001-110215-01	OF001-110222-01	OF001-110301-01	OF001-110308-01	OF001-110315-01	OF001-110322-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF001-110125-01	OF001-110204-01	OF001-110208-01	OF001-110215-01	OF001-110222-01	OF001-110301-01	OF001-110308-01	OF001-110315-01	OF001-110322-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
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PCB-142										
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PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF001-110125-01	OF001-110204-01	OF001-110208-01	OF001-110215-01	OF001-110222-01	OF001-110301-01	OF001-110308-01	OF001-110315-01	OF001-110322-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF001-110125-01	OF001-110204-01	OF001-110208-01	OF001-110215-01	OF001-110222-01	OF001-110301-01	OF001-110308-01	OF001-110315-01	OF001-110322-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000			< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2			< 0.2			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF001-110329-01	OF001-110405-01	OF001-110412-01	OF001-110419-01	OF001-110426-01	OF001-110503-01	OF001-110504-01	OF001-110505-01	OF001-110510-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0							< 1		
Trichloroethene	79-01-6							< 1		
Vinyl Chloride	75-01-4							< 1		
SVOCs										
Phenolics, Total Recoverable								< 50		
Metals and Inorganics										
Aluminum	7429-90-5							***93.1***		
Aluminum, Dissolved								< 75		
Ammonia	7664-41-7							< 100		
Arsenic	7440-38-2							< 10		
Barium	7440-39-3							159		
Beryllium	7440-41-7							< 1		
Boron And Borates Only	7440-42-8							< 100		
Cadmium	7440-43-9									
Chlorine, Total Residual								< 50		
Chromium, Total	7440-47-3							< 5		
Cobalt	7440-48-4							< 5		
Copper	7440-50-8							< 10		
Cyanide	57-12-5							***7.9***		
Iron	7439-89-6							570		
Lead	7439-92-1							< 5		
Mercury	7439-97-6							< 0.2		
Molybdenum	7439-98-7									
Nickel	7440-02-0							< 5		
Nitrate	14797-55-8							620		
Nitrate & Nitrite										
Nitrite	14797-65-0							< 100		
Phosphorus	7723-14-0							< 100		
Potassium	7440-09-7							2350		
Selenium	7782-49-2							< 15		
Silicon	7440-21-3									
Silver	7440-22-4							< 7		
Strontium, Stable	7440-24-6							1000		
Sulfate	14808-79-8							76600		
Thallium (Soluble Salts)	7440-28-0							< 20		
Titanium	7440-32-6							< 10		
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6							< 50		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF001-110329-01	OF001-110405-01	OF001-110412-01	OF001-110419-01	OF001-110426-01	OF001-110503-01	OF001-110504-01	OF001-110505-01	OF001-110510-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
PCB-001									0.00164	
PCB-002									< 0.00027	
PCB-003									0.00033	
PCB-004									0.0037	
PCB-005									< 0.00027	
PCB-006									< 0.00027	
PCB-007									< 0.00027	
PCB-008									0.0008	
PCB-009									< 0.00027	
PCB-010									< 0.00027	
PCB-011									< 0.00163	
PCB-012									< 0.00054	
PCB-014									< 0.00027	
PCB-015									0.00125	
PCB-016									< 0.00027	
PCB-017									0.00046	
PCB-018									0.00077	
PCB-019									0.0011	
PCB-020									0.00141	
PCB-021									< 0.00054	
PCB-022									0.00047	
PCB-023									< 0.00027	
PCB-024									< 0.00027	
PCB-025									< 0.00027	
PCB-026									< 0.00054	
PCB-027									0.00033	
PCB-031									0.00089	
PCB-032									0.00092	
PCB-034									< 0.00027	
PCB-035									< 0.00027	
PCB-036									< 0.00027	
PCB-037									< 0.00027	
PCB-038									< 0.00027	
PCB-039									< 0.00027	
PCB-040									< 0.00163	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF001-110329-01	OF001-110405-01	OF001-110412-01	OF001-110419-01	OF001-110426-01	OF001-110503-01	OF001-110504-01	OF001-110505-01	OF001-110510-01
PCB-042									< 0.00054	
PCB-043									< 0.00109	
PCB-044									< 0.00163	
PCB-045									< 0.00109	
PCB-046									< 0.00054	
PCB-048									< 0.00054	
PCB-049									< 0.00109	
PCB-050									< 0.00109	
PCB-052									0.00125	
PCB-054									< 0.00054	
PCB-055									< 0.00054	
PCB-056									< 0.00054	
PCB-057									< 0.00054	
PCB-058									< 0.00054	
PCB-059									< 0.00163	
PCB-060									< 0.00054	
PCB-061									< 0.00217	
PCB-063									< 0.00054	
PCB-064									< 0.00054	
PCB-066									0.00067	
PCB-067									< 0.00054	
PCB-068									< 0.00054	
PCB-069										
PCB-072									< 0.00054	
PCB-077	32598-13-3								< 0.00054	
PCB-078									< 0.00054	
PCB-079									< 0.00054	
PCB-080									< 0.00054	
PCB-081	70362-50-4								< 0.00054	
PCB-082									< 0.00054	
PCB-083									< 0.00054	
PCB-084									< 0.00054	
PCB-085									< 0.00163	
PCB-086									< 0.00326	
PCB-088									< 0.00109	
PCB-089									< 0.00054	
PCB-090									< 0.00163	
PCB-092									< 0.00054	
PCB-093									< 0.00217	
PCB-094									< 0.00054	
PCB-095									< 0.00054	
PCB-096									< 0.00054	
PCB-099									< 0.00054	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF001-110329-01	OF001-110405-01	OF001-110412-01	OF001-110419-01	OF001-110426-01	OF001-110503-01	OF001-110504-01	OF001-110505-01	OF001-110510-01
PCB-103									< 0.00054	
PCB-104									< 0.00054	
PCB-105	32598-14-4								< 0.00054	
PCB-106									< 0.00054	
PCB-107									< 0.00109	
PCB-109									< 0.00054	
PCB-110									< 0.00109	
PCB-111									< 0.00054	
PCB-112									< 0.00054	
PCB-114	74472-37-0								< 0.00054	
PCB-118	31508-00-6								< 0.00054	
PCB-119										
PCB-120									< 0.00054	
PCB-121									< 0.00054	
PCB-122									< 0.00054	
PCB-123	65510-44-3								< 0.00054	
PCB-126	57465-28-8								< 0.00054	
PCB-127									< 0.00054	
PCB-128									< 0.00109	
PCB-129									< 0.00163	
PCB-130									< 0.00054	
PCB-131									< 0.00054	
PCB-132									< 0.00054	
PCB-133									< 0.00054	
PCB-134									< 0.00109	
PCB-136									< 0.00054	
PCB-137									< 0.00054	
PCB-139									< 0.00109	
PCB-141									< 0.00054	
PCB-142									< 0.00054	
PCB-144									< 0.00054	
PCB-145									< 0.00054	
PCB-146									< 0.00054	
PCB-147									< 0.00109	
PCB-148									< 0.00054	
PCB-150									< 0.00054	
PCB-151									< 0.00109	
PCB-152									< 0.00054	
PCB-153									< 0.00109	
PCB-154									< 0.00054	
PCB-155									< 0.00054	
PCB-156									< 0.00109	
PCB-158									< 0.00054	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF001-110329-01	OF001-110405-01	OF001-110412-01	OF001-110419-01	OF001-110426-01	OF001-110503-01	OF001-110504-01	OF001-110505-01	OF001-110510-01
PCB-159									< 0.00054	
PCB-160									< 0.00054	
PCB-161									< 0.00054	
PCB-162									< 0.00054	
PCB-164									< 0.00054	
PCB-165									< 0.00054	
PCB-167	52663-72-6								< 0.00054	
PCB-169	32774-16-6								< 0.00054	
PCB-170									< 0.00054	
PCB-171									< 0.00109	
PCB-172									< 0.00054	
PCB-174									< 0.00054	
PCB-175									< 0.00054	
PCB-176									< 0.00054	
PCB-177									< 0.00054	
PCB-178									< 0.00054	
PCB-179									< 0.00054	
PCB-180									< 0.00109	
PCB-181									< 0.00054	
PCB-182									< 0.00054	
PCB-183									< 0.00109	
PCB-184									< 0.00054	
PCB-186									< 0.00054	
PCB-187									< 0.00054	
PCB-188									< 0.00054	
PCB-189	39635-31-9								< 0.00054	
PCB-190									< 0.00054	
PCB-191									< 0.00054	
PCB-192									< 0.00054	
PCB-194									< 0.00081	
PCB-195									< 0.00081	
PCB-196									< 0.00081	
PCB-197									< 0.00163	
PCB-198									< 0.00163	
PCB-201									< 0.00081	
PCB-202									< 0.00081	
PCB-203									< 0.00081	
PCB-204									< 0.00081	
PCB-205									< 0.00081	
PCB-206									< 0.00081	
PCB-207									< 0.00081	
PCB-208									< 0.00081	
PCB-209									< 0.00081	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF001-110329-01	OF001-110405-01	OF001-110412-01	OF001-110419-01	OF001-110426-01	OF001-110503-01	OF001-110504-01	OF001-110505-01	OF001-110510-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000				< 5000	< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand									5500	
Chemical Oxygen Demand									20200	
Total Organic Carbon									2800	
Total Settleable Solids			< 0.2				< 0.2	< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF001-110517-01	OF001-110524-01	OF001-110531-01	OF001-110607-01	OF001-110614-01	OF001-110621-01	OF001-110628-01	OF001-110705-01	OF001-110712-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0				< 1					
Trichloroethene	79-01-6				< 1					
Vinyl Chloride	75-01-4				< 1					
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5				< 75					
Aluminum, Dissolved					< 75					
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3				< 5					
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6				< 0.2					
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF001-110517-01	OF001-110524-01	OF001-110531-01	OF001-110607-01	OF001-110614-01	OF001-110621-01	OF001-110628-01	OF001-110705-01	OF001-110712-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF001-110517-01	OF001-110524-01	OF001-110531-01	OF001-110607-01	OF001-110614-01	OF001-110621-01	OF001-110628-01	OF001-110705-01	OF001-110712-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF001-110517-01	OF001-110524-01	OF001-110531-01	OF001-110607-01	OF001-110614-01	OF001-110621-01	OF001-110628-01	OF001-110705-01	OF001-110712-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF001-110517-01	OF001-110524-01	OF001-110531-01	OF001-110607-01	OF001-110614-01	OF001-110621-01	OF001-110628-01	OF001-110705-01	OF001-110712-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF001-110517-01	OF001-110524-01	OF001-110531-01	OF001-110607-01	OF001-110614-01	OF001-110621-01	OF001-110628-01	OF001-110705-01	OF001-110712-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease					< 5000				< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids					< 0.2				< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/11/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011
		OF001-110719-01	OF001-110726-01	OF001-110802-01	OF001-110809-01	OF001-110811-01	OF001-110816-01	OF001-110823-01	OF001-110830-01	OF001-110906-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									1
Trichloroethene	79-01-6									< 1
Vinyl Chloride	75-01-4									< 1
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									***133***
Aluminum, Dissolved										< 75
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9					< 5				
Chlorine, Total Residual										
Chromium, Total	7440-47-3					< 5				< 5
Cobalt	7440-48-4									
Copper	7440-50-8					< 10				
Cyanide	57-12-5					< 5				
Iron	7439-89-6									
Lead	7439-92-1					< 5				
Mercury	7439-97-6									< 0.2
Molybdenum	7439-98-7					< 20				
Nickel	7440-02-0					8.1				
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4					< 7				
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6					< 50				

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/11/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011
		OF001-110719-01	OF001-110726-01	OF001-110802-01	OF001-110809-01	OF001-110811-01	OF001-110816-01	OF001-110823-01	OF001-110830-01	OF001-110906-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/11/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011
		OF001-110719-01	OF001-110726-01	OF001-110802-01	OF001-110809-01	OF001-110811-01	OF001-110816-01	OF001-110823-01	OF001-110830-01	OF001-110906-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/11/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011
		OF001-110719-01	OF001-110726-01	OF001-110802-01	OF001-110809-01	OF001-110811-01	OF001-110816-01	OF001-110823-01	OF001-110830-01	OF001-110906-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/11/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011
		OF001-110719-01	OF001-110726-01	OF001-110802-01	OF001-110809-01	OF001-110811-01	OF001-110816-01	OF001-110823-01	OF001-110830-01	OF001-110906-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/11/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011
		OF001-110719-01	OF001-110726-01	OF001-110802-01	OF001-110809-01	OF001-110811-01	OF001-110816-01	OF001-110823-01	OF001-110830-01	OF001-110906-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000						< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2						< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011
		OF001-110913-01	OF001-110920-01	OF001-110927-01	OF001-111004-01	OF001-111005-01	OF001-111011-01	OF001-111018-01	OF001-111025-01	OF001-111101-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									
Trichloroethene	79-01-6									
Vinyl Chloride	75-01-4									
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									
Aluminum, Dissolved										
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011
		OF001-110913-01	OF001-110920-01	OF001-110927-01	OF001-111004-01	OF001-111005-01	OF001-111011-01	OF001-111018-01	OF001-111025-01	OF001-111101-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5
PCB-001						0.00052				
PCB-002						< 2.7E-05				
PCB-003						7.9E-05				
PCB-004						0.00214				
PCB-005						< 0.00011				
PCB-006						< 0.00011				
PCB-007						< 2.4E-05				
PCB-008						0.00026				
PCB-009						< 2.2E-05				
PCB-010						9.3E-05				
PCB-011						< 0.0018				
PCB-012						< 0.00021				
PCB-014						< 2.4E-05				
PCB-015						0.00063				
PCB-016						8.7E-05				
PCB-017						0.0002				
PCB-018						0.00023				
PCB-019						0.00057				
PCB-020						0.00033				
PCB-021						< 0.00021				
PCB-022						0.00012				
PCB-023						< 0.00011				
PCB-024						< 2.8E-05				
PCB-025						5E-05				
PCB-026						< 0.00021				
PCB-027						0.00011				
PCB-031						0.00024				
PCB-032						0.00035				
PCB-034						< 0.00011				
PCB-035						< 2.5E-05				
PCB-036						< 2.3E-05				
PCB-037						< 0.00011				
PCB-038						< 0.00011				
PCB-039						< 2.3E-05				
PCB-040						< 0.00064				

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
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Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011
		OF001-110913-01	OF001-110920-01	OF001-110927-01	OF001-111004-01	OF001-111005-01	OF001-111011-01	OF001-111018-01	OF001-111025-01	OF001-111101-01
PCB-042						9.7E-05				
PCB-043						< 0.00042				
PCB-044						< 0.00064				
PCB-045						< 0.00021				
PCB-046						< 6E-05				
PCB-048						< 4.4E-05				
PCB-049						< 0.00042				
PCB-050						< 0.00015				
PCB-052						0.00034				
PCB-054						< 0.00011				
PCB-055						< 5.2E-05				
PCB-056						9.3E-05				
PCB-057						< 4.4E-05				
PCB-058						< 0.00011				
PCB-059						< 0.00064				
PCB-060						< 4.8E-05				
PCB-061						< 0.00085				
PCB-063						< 0.00011				
PCB-064						0.00015				
PCB-066						0.00019				
PCB-067						< 0.00011				
PCB-068						< 0.00042				
PCB-069										
PCB-072						< 0.00011				
PCB-077	32598-13-3					< 0.00051				
PCB-078						< 5.1E-05				
PCB-079						< 4.3E-05				
PCB-080						< 5.5E-05				
PCB-081	70362-50-4					< 0.00011				
PCB-082						< 0.00011				
PCB-083						< 0.00011				
PCB-084						< 0.00011				
PCB-085						< 0.00064				
PCB-086						< 0.00127				
PCB-088						< 0.00011				
PCB-089						< 0.00011				
PCB-090						< 0.00064				
PCB-092						< 0.00011				
PCB-093						< 0.00085				
PCB-094						< 0.00011				
PCB-095						< 0.00011				
PCB-096						< 0.00042				
PCB-099						< 7.8E-05				

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011
		OF001-110913-01	OF001-110920-01	OF001-110927-01	OF001-111004-01	OF001-111005-01	OF001-111011-01	OF001-111018-01	OF001-111025-01	OF001-111101-01
PCB-103						< 0.00011				
PCB-104						< 0.00011				
PCB-105	32598-14-4					< 0.00011				
PCB-106						< 7.9E-05				
PCB-107						< 0.00021				
PCB-109						< 6E-05				
PCB-110						< 0.00021				
PCB-111						< 4.3E-05				
PCB-112						< 0.00011				
PCB-114	74472-37-0					< 0.00011				
PCB-118	31508-00-6					< 0.00011				
PCB-119										
PCB-120						< 0.00011				
PCB-121						< 0.00011				
PCB-122						< 0.00011				
PCB-123	65510-44-3					< 0.00064				
PCB-126	57465-28-8					< 4.4E-05				
PCB-127						< 0.00011				
PCB-128						< 0.00021				
PCB-129						< 0.00064				
PCB-130						< 0.00043				
PCB-131						< 0.00011				
PCB-132						< 4.4E-05				
PCB-133						< 0.00011				
PCB-134						< 0.00021				
PCB-136						< 0.00011				
PCB-137						< 8.3E-05				
PCB-139						< 9.2E-05				
PCB-141						< 0.00011				
PCB-142						< 5.4E-05				
PCB-144						< 0.00011				
PCB-145						< 0.00011				
PCB-146						< 0.00011				
PCB-147						< 0.00021				
PCB-148						< 4.4E-05				
PCB-150						< 0.00011				
PCB-151						< 0.00021				
PCB-152						< 4.8E-05				
PCB-153						< 0.0001				
PCB-154						< 0.00011				
PCB-155						< 0.00011				
PCB-156						< 0.00021				
PCB-158						< 4.6E-05				

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011
		OF001-110913-01	OF001-110920-01	OF001-110927-01	OF001-111004-01	OF001-111005-01	OF001-111011-01	OF001-111018-01	OF001-111025-01	OF001-111101-01
PCB-159						< 4.5E-05				
PCB-160						< 5.6E-05				
PCB-161						< 4.5E-05				
PCB-162						< 0.00011				
PCB-164						< 5.2E-05				
PCB-165						< 5.2E-05				
PCB-167	52663-72-6					< 0.00011				
PCB-169	32774-16-6					< 0.00011				
PCB-170						< 0.00011				
PCB-171						< 0.00021				
PCB-172						< 0.00011				
PCB-174						< 5.3E-05				
PCB-175						< 0.00011				
PCB-176						< 5E-05				
PCB-177						< 0.00011				
PCB-178						< 0.00011				
PCB-179						< 0.00011				
PCB-180						< 0.00021				
PCB-181						< 0.00011				
PCB-182						< 0.00011				
PCB-183						< 0.00021				
PCB-184						< 4.9E-05				
PCB-186						< 4.9E-05				
PCB-187						< 0.00011				
PCB-188						< 4.5E-05				
PCB-189	39635-31-9					< 0.00011				
PCB-190						< 4.7E-05				
PCB-191						< 0.00011				
PCB-192						< 0.00011				
PCB-194						< 0.00011				
PCB-195						< 0.00011				
PCB-196						< 0.00011				
PCB-197						< 0.00021				
PCB-198						< 0.00021				
PCB-201						< 0.00011				
PCB-202						< 0.00011				
PCB-203						< 0.00011				
PCB-204						< 0.00011				
PCB-205						< 0.00011				
PCB-206						< 0.00011				
PCB-207						< 0.00011				
PCB-208						< 7.5E-05				
PCB-209						< 0.00011				

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011
		OF001-110913-01	OF001-110920-01	OF001-110927-01	OF001-111004-01	OF001-111005-01	OF001-111011-01	OF001-111018-01	OF001-111025-01	OF001-111101-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease					< 5000					< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids					< 0.2					< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012
		OF001-111108-01	OF001-111116-01	OF001-111122-01	OF001-111129-01	OF001-111207-01	OF001-111213-01	OF001-111220-01	OF001-111227-01	OF001-120103-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0					2.2				
Trichloroethene	79-01-6					< 1				
Vinyl Chloride	75-01-4					< 1				
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5					< 75				
Aluminum, Dissolved						< 75				
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3					< 5				
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6					< 0.2				
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012
		OF001-111108-01	OF001-111116-01	OF001-111122-01	OF001-111129-01	OF001-111207-01	OF001-111213-01	OF001-111220-01	OF001-111227-01	OF001-120103-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012
		OF001-111108-01	OF001-111116-01	OF001-111122-01	OF001-111129-01	OF001-111207-01	OF001-111213-01	OF001-111220-01	OF001-111227-01	OF001-120103-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012
		OF001-111108-01	OF001-111116-01	OF001-111122-01	OF001-111129-01	OF001-111207-01	OF001-111213-01	OF001-111220-01	OF001-111227-01	OF001-120103-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012
		OF001-111108-01	OF001-111116-01	OF001-111122-01	OF001-111129-01	OF001-111207-01	OF001-111213-01	OF001-111220-01	OF001-111227-01	OF001-120103-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012
		OF001-111108-01	OF001-111116-01	OF001-111122-01	OF001-111129-01	OF001-111207-01	OF001-111213-01	OF001-111220-01	OF001-111227-01	OF001-120103-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease						< 5000				< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids						< 0.2				< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
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BOLD indicates concentration greater than ecological screening criteria.
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Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012
		OF001-120110-01	OF001-120117-01	OF001-120124-01	OF001-120131-01	OF001-120207-01	OF001-120214-01	OF001-120221-01	OF001-120228-01	OF001-120306-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0				< 1					
Trichloroethene	79-01-6				< 1					
Vinyl Chloride	75-01-4				< 1					
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5				< 75					
Aluminum, Dissolved					< 75					
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3				< 5					
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6				< 0.2					
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012
		OF001-120110-01	OF001-120117-01	OF001-120124-01	OF001-120131-01	OF001-120207-01	OF001-120214-01	OF001-120221-01	OF001-120228-01	OF001-120306-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
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PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012
		OF001-120110-01	OF001-120117-01	OF001-120124-01	OF001-120131-01	OF001-120207-01	OF001-120214-01	OF001-120221-01	OF001-120228-01	OF001-120306-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
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PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012
		OF001-120110-01	OF001-120117-01	OF001-120124-01	OF001-120131-01	OF001-120207-01	OF001-120214-01	OF001-120221-01	OF001-120228-01	OF001-120306-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012
		OF001-120110-01	OF001-120117-01	OF001-120124-01	OF001-120131-01	OF001-120207-01	OF001-120214-01	OF001-120221-01	OF001-120228-01	OF001-120306-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012
		OF001-120110-01	OF001-120117-01	OF001-120124-01	OF001-120131-01	OF001-120207-01	OF001-120214-01	OF001-120221-01	OF001-120228-01	OF001-120306-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease					< 5000	< 5000				< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids					< 0.2	< 0.2				< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
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BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012
		OF001-120313-01	OF001-120320-01	OF001-120327-01	OF001-120403-01	OF001-120410-01	OF001-120417-01	OF001-120424-01	OF001-120501-01	OF001-120508-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0				< 1					
Trichloroethene	79-01-6				< 1					
Vinyl Chloride	75-01-4				< 1					
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5				***126***					
Aluminum, Dissolved					< 75					
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3				< 5					
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6				< 0.2					
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012
		OF001-120313-01	OF001-120320-01	OF001-120327-01	OF001-120403-01	OF001-120410-01	OF001-120417-01	OF001-120424-01	OF001-120501-01	OF001-120508-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012
		OF001-120313-01	OF001-120320-01	OF001-120327-01	OF001-120403-01	OF001-120410-01	OF001-120417-01	OF001-120424-01	OF001-120501-01	OF001-120508-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012
		OF001-120313-01	OF001-120320-01	OF001-120327-01	OF001-120403-01	OF001-120410-01	OF001-120417-01	OF001-120424-01	OF001-120501-01	OF001-120508-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012
		OF001-120313-01	OF001-120320-01	OF001-120327-01	OF001-120403-01	OF001-120410-01	OF001-120417-01	OF001-120424-01	OF001-120501-01	OF001-120508-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012
		OF001-120313-01	OF001-120320-01	OF001-120327-01	OF001-120403-01	OF001-120410-01	OF001-120417-01	OF001-120424-01	OF001-120501-01	OF001-120508-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease					< 5000				< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids					< 0.2				< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012
		OF001-120509-01	OF001-120509-02	OF001-120515-01	OF001-120522-01	OF001-120529-01	OF001-120605-01	OF001-120612-01	OF001-120619-01	OF001-120626-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0		3.1							
Trichloroethene	79-01-6		< 1							
Vinyl Chloride	75-01-4		< 1							
SVOCs										
Phenolics, Total Recoverable			< 50							
Metals and Inorganics										
Aluminum	7429-90-5		< 75							
Aluminum, Dissolved			< 75							
Ammonia	7664-41-7		< 100							
Arsenic	7440-38-2		< 10							
Barium	7440-39-3		119							
Beryllium	7440-41-7		< 1							
Boron And Borates Only	7440-42-8		< 100							
Cadmium	7440-43-9									
Chlorine, Total Residual			< 50							
Chromium, Total	7440-47-3		< 5							
Cobalt	7440-48-4		< 5							
Copper	7440-50-8		< 10							
Cyanide	57-12-5		< 5							
Iron	7439-89-6		273							
Lead	7439-92-1		< 5							
Mercury	7439-97-6		< 0.2							
Molybdenum	7439-98-7									
Nickel	7440-02-0		< 5							
Nitrate	14797-55-8		1800							
Nitrate & Nitrite			1800							
Nitrite	14797-65-0		< 100							
Phosphorus	7723-14-0		180							
Potassium	7440-09-7		2560							
Selenium	7782-49-2		< 15							
Silicon	7440-21-3		7920							
Silver	7440-22-4		< 7							
Strontium, Stable	7440-24-6		792							
Sulfate	14808-79-8		73300							
Thallium (Soluble Salts)	7440-28-0		< 20							
Titanium	7440-32-6		< 10							
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6		< 50							

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012
		OF001-120509-01	OF001-120509-02	OF001-120515-01	OF001-120522-01	OF001-120529-01	OF001-120605-01	OF001-120612-01	OF001-120619-01	OF001-120626-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001		0.00724								
PCB-002		< 0.0002								
PCB-003		0.00126								
PCB-004		0.0144								
PCB-005		< 0.0002								
PCB-006		< 0.0002								
PCB-007		< 0.0002								
PCB-008		0.00211								
PCB-009		< 0.0002								
PCB-010		0.00096								
PCB-011		0.00258								
PCB-012		< 0.0004								
PCB-014		< 0.0002								
PCB-015		0.00557								
PCB-016		0.00071								
PCB-017		0.00138								
PCB-018		0.00202								
PCB-019		0.00752								
PCB-020		0.00765								
PCB-021		0.0004								
PCB-022		0.00259								
PCB-023		< 0.0002								
PCB-024		0.00026								
PCB-025		0.00049								
PCB-026		0.001								
PCB-027		0.00117								
PCB-031		0.00418								
PCB-032		0.00465								
PCB-034		< 0.0002								
PCB-035		< 0.0002								
PCB-036		< 0.0002								
PCB-037		0.00132								
PCB-038		< 0.0002								
PCB-039		< 0.0002								
PCB-040		0.00198								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012
		OF001-120509-01	OF001-120509-02	OF001-120515-01	OF001-120522-01	OF001-120529-01	OF001-120605-01	OF001-120612-01	OF001-120619-01	OF001-120626-01
PCB-042		0.00104								
PCB-043		< 0.0008								
PCB-044		0.00353								
PCB-045		0.00111								
PCB-046		< 0.0004								
PCB-048		0.00041								
PCB-049		0.00214								
PCB-050		0.00087								
PCB-052		0.00362								
PCB-054		< 0.0004								
PCB-055		< 0.0004								
PCB-056		0.00123								
PCB-057		< 0.0004								
PCB-058		< 0.0004								
PCB-059		< 0.0012								
PCB-060		0.00056								
PCB-061		0.0027								
PCB-063		< 0.0004								
PCB-064		0.00181								
PCB-066		0.00218								
PCB-067		< 0.0004								
PCB-068		< 0.0004								
PCB-069										
PCB-072		< 0.0004								
PCB-077	32598-13-3	< 0.0004								
PCB-078		< 0.0004								
PCB-079		< 0.0004								
PCB-080		< 0.0004								
PCB-081	70362-50-4	< 0.0004								
PCB-082		< 0.0004								
PCB-083		< 0.0004								
PCB-084		< 0.0004								
PCB-085		< 0.0012								
PCB-086		< 0.00241								
PCB-088		< 0.0008								
PCB-089		< 0.0004								
PCB-090		< 0.0012								
PCB-092		< 0.0004								
PCB-093		< 0.00161								
PCB-094		< 0.0004								
PCB-095		0.0007								
PCB-096		< 0.0004								
PCB-099		< 0.0004								

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Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012
		OF001-120509-01	OF001-120509-02	OF001-120515-01	OF001-120522-01	OF001-120529-01	OF001-120605-01	OF001-120612-01	OF001-120619-01	OF001-120626-01
PCB-103		< 0.0004								
PCB-104		< 0.0004								
PCB-105	32598-14-4	< 0.0004								
PCB-106		< 0.0004								
PCB-107		< 0.0008								
PCB-109		< 0.0004								
PCB-110		< 0.0008								
PCB-111		< 0.0004								
PCB-112		< 0.0004								
PCB-114	74472-37-0	< 0.0004								
PCB-118	31508-00-6	< 0.0004								
PCB-119										
PCB-120		< 0.0004								
PCB-121		< 0.0004								
PCB-122		< 0.0004								
PCB-123	65510-44-3	< 0.0004								
PCB-126	57465-28-8	< 0.0004								
PCB-127		< 0.0004								
PCB-128		< 0.0008								
PCB-129		< 0.0012								
PCB-130		< 0.0004								
PCB-131		< 0.0004								
PCB-132		< 0.0004								
PCB-133		< 0.0004								
PCB-134		< 0.0008								
PCB-136		< 0.0004								
PCB-137		< 0.0004								
PCB-139		< 0.0008								
PCB-141		< 0.0004								
PCB-142		< 0.0004								
PCB-144		< 0.0004								
PCB-145		< 0.0004								
PCB-146		< 0.0004								
PCB-147		< 0.0008								
PCB-148		< 0.0004								
PCB-150		< 0.0004								
PCB-151		< 0.0008								
PCB-152		< 0.0004								
PCB-153		< 0.0008								
PCB-154		< 0.0004								
PCB-155		< 0.0004								
PCB-156		< 0.0008								
PCB-158		< 0.0004								

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012
		OF001-120509-01	OF001-120509-02	OF001-120515-01	OF001-120522-01	OF001-120529-01	OF001-120605-01	OF001-120612-01	OF001-120619-01	OF001-120626-01
PCB-159		< 0.0004								
PCB-160		< 0.0004								
PCB-161		< 0.0004								
PCB-162		< 0.0004								
PCB-164		< 0.0004								
PCB-165		< 0.0004								
PCB-167	52663-72-6	< 0.0004								
PCB-169	32774-16-6	< 0.0004								
PCB-170		< 0.0004								
PCB-171		< 0.0008								
PCB-172		< 0.0004								
PCB-174		< 0.0004								
PCB-175		< 0.0004								
PCB-176		< 0.0004								
PCB-177		< 0.0004								
PCB-178		< 0.0004								
PCB-179		< 0.0004								
PCB-180		< 0.0008								
PCB-181		< 0.0004								
PCB-182		< 0.0004								
PCB-183		< 0.0008								
PCB-184		< 0.0004								
PCB-186		< 0.0004								
PCB-187		< 0.0004								
PCB-188		< 0.0004								
PCB-189	39635-31-9	< 0.0004								
PCB-190		< 0.0004								
PCB-191		< 0.0004								
PCB-192		< 0.0004								
PCB-194		< 0.0006								
PCB-195		< 0.0006								
PCB-196		< 0.0006								
PCB-197		< 0.0012								
PCB-198		< 0.0012								
PCB-201		< 0.0006								
PCB-202		< 0.0006								
PCB-203		< 0.0006								
PCB-204		< 0.0006								
PCB-205		< 0.0006								
PCB-206		< 0.0006								
PCB-207		< 0.0006								
PCB-208		< 0.0006								
PCB-209		< 0.0006								

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF001
		5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012
		OF001-120509-01	OF001-120509-02	OF001-120515-01	OF001-120522-01	OF001-120529-01	OF001-120605-01	OF001-120612-01	OF001-120619-01	OF001-120626-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000				< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand		< 2000								
Chemical Oxygen Demand		< 10000								
Total Organic Carbon		3000								
Total Settleable Solids			< 0.2				< 0.2			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF002	OF002
		7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012	1/19/2010	2/5/2010
		OF001-120703-01	OF001-120710-01	OF001-120717-01	OF001-120724-01	OF001-120731-01	OF001-120807-01	OF001-120814-01	OF002-100119-01	OF002-100205-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0	2.3							< 1	
Trichloroethene	79-01-6	< 1							< 1	
Vinyl Chloride	75-01-4	< 1							< 1	
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5	***98.7***							***87.4***	
Aluminum, Dissolved		***109***							< 75	
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3	< 5							< 5	
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6	< 0.2							< 0.2	
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF002	OF002
		7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012	1/19/2010	2/5/2010
		OF001-120703-01	OF001-120710-01	OF001-120717-01	OF001-120724-01	OF001-120731-01	OF001-120807-01	OF001-120814-01	OF002-100119-01	OF002-100205-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF002	OF002
		7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012	1/19/2010	2/5/2010
		OF001-120703-01	OF001-120710-01	OF001-120717-01	OF001-120724-01	OF001-120731-01	OF001-120807-01	OF001-120814-01	OF002-100119-01	OF002-100205-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF002	OF002
		7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012	1/19/2010	2/5/2010
		OF001-120703-01	OF001-120710-01	OF001-120717-01	OF001-120724-01	OF001-120731-01	OF001-120807-01	OF001-120814-01	OF002-100119-01	OF002-100205-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF002	OF002
		7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012	1/19/2010	2/5/2010
		OF001-120703-01	OF001-120710-01	OF001-120717-01	OF001-120724-01	OF001-120731-01	OF001-120807-01	OF001-120814-01	OF002-100119-01	OF002-100205-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF001	OF001	OF001	OF001	OF001	OF001	OF001	OF002	OF002
		7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012	1/19/2010	2/5/2010
		OF001-120703-01	OF001-120710-01	OF001-120717-01	OF001-120724-01	OF001-120731-01	OF001-120807-01	OF001-120814-01	OF002-100119-01	OF002-100205-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000					< 5000		< 5000	< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids		< 0.2					< 0.2		< 0.2	< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/8/2010	2/19/2010	3/9/2010	3/17/2010	3/24/2010	4/2/2010	4/5/2010	4/16/2010	4/22/2010
		OF002-100208-01	OF002-100219-01	OF002-100309-01	OF002-100317-01	OF002-100324-01	OF002-100402-01	OF002-100405-01	OF002-100416-01	OF002-100422-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0							< 1		
Trichloroethene	79-01-6							< 1		
Vinyl Chloride	75-01-4							< 1		
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5							***549***		
Aluminum, Dissolved								< 75		
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3							< 5		
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6							< 0.2		
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/8/2010	2/19/2010	3/9/2010	3/17/2010	3/24/2010	4/2/2010	4/5/2010	4/16/2010	4/22/2010
		OF002-100208-01	OF002-100219-01	OF002-100309-01	OF002-100317-01	OF002-100324-01	OF002-100402-01	OF002-100405-01	OF002-100416-01	OF002-100422-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
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PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/8/2010	2/19/2010	3/9/2010	3/17/2010	3/24/2010	4/2/2010	4/5/2010	4/16/2010	4/22/2010
		OF002-100208-01	OF002-100219-01	OF002-100309-01	OF002-100317-01	OF002-100324-01	OF002-100402-01	OF002-100405-01	OF002-100416-01	OF002-100422-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
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PCB-059										
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PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/8/2010	2/19/2010	3/9/2010	3/17/2010	3/24/2010	4/2/2010	4/5/2010	4/16/2010	4/22/2010
		OF002-100208-01	OF002-100219-01	OF002-100309-01	OF002-100317-01	OF002-100324-01	OF002-100402-01	OF002-100405-01	OF002-100416-01	OF002-100422-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/8/2010	2/19/2010	3/9/2010	3/17/2010	3/24/2010	4/2/2010	4/5/2010	4/16/2010	4/22/2010
		OF002-100208-01	OF002-100219-01	OF002-100309-01	OF002-100317-01	OF002-100324-01	OF002-100402-01	OF002-100405-01	OF002-100416-01	OF002-100422-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/8/2010	2/19/2010	3/9/2010	3/17/2010	3/24/2010	4/2/2010	4/5/2010	4/16/2010	4/22/2010
		OF002-100208-01	OF002-100219-01	OF002-100309-01	OF002-100317-01	OF002-100324-01	OF002-100402-01	OF002-100405-01	OF002-100416-01	OF002-100422-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000				< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2				< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		4/26/2010	5/10/2010	5/17/2010	6/2/2010	6/8/2010	6/13/2010	7/3/2010	7/4/2010	7/11/2010
		OF002-100426-01	OF002-100510-01	OF002-100517-01	OF002-100602-01	OF002-100608-01	OF002-100613-01	OF002-100703-01	OF002-100704-01	OF002-100711-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0		< 1						< 1	
Trichloroethene	79-01-6		< 1						< 1	
Vinyl Chloride	75-01-4		< 1						< 1	
SVOCs										
Phenolics, Total Recoverable			< 50							
Metals and Inorganics										
Aluminum	7429-90-5		***255***						***238***	
Aluminum, Dissolved									< 75	
Ammonia	7664-41-7		440							
Arsenic	7440-38-2		< 10							
Barium	7440-39-3		10.6							
Beryllium	7440-41-7		< 1							
Boron And Borates Only	7440-42-8		< 100							
Cadmium	7440-43-9									
Chlorine, Total Residual			< 50							
Chromium, Total	7440-47-3		< 5						< 5	
Cobalt	7440-48-4		< 5							
Copper	7440-50-8		< 10							
Cyanide	57-12-5		***39***							
Iron	7439-89-6		327							
Lead	7439-92-1		< 5							
Mercury	7439-97-6		< 0.2						< 0.2	
Molybdenum	7439-98-7									
Nickel	7440-02-0		< 5							
Nitrate	14797-55-8		430							
Nitrate & Nitrite										
Nitrite	14797-65-0		< 100							
Phosphorus	7723-14-0		< 100							
Potassium	7440-09-7		< 500							
Selenium	7782-49-2		< 15							
Silicon	7440-21-3									
Silver	7440-22-4		< 7							
Strontium, Stable	7440-24-6		108							
Sulfate	14808-79-8		8600							
Thallium (Soluble Salts)	7440-28-0		< 20							
Titanium	7440-32-6		< 10							
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6		***365***							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		4/26/2010	5/10/2010	5/17/2010	6/2/2010	6/8/2010	6/13/2010	7/3/2010	7/4/2010	7/11/2010
		OF002-100426-01	OF002-100510-01	OF002-100517-01	OF002-100602-01	OF002-100608-01	OF002-100613-01	OF002-100703-01	OF002-100704-01	OF002-100711-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001			< 0.00022							
PCB-002			< 0.00022							
PCB-003			< 0.00022							
PCB-004			0.0029							
PCB-005			< 0.00022							
PCB-006			< 0.00022							
PCB-007			< 0.00022							
PCB-008			0.00049							
PCB-009			< 0.00022							
PCB-010			< 0.00022							
PCB-011			< 0.00132							
PCB-012			< 0.00044							
PCB-014			< 0.00022							
PCB-015			0.00094							
PCB-016			< 0.00022							
PCB-017			0.0003							
PCB-018			0.00056							
PCB-019			0.00105							
PCB-020			0.0019							
PCB-021			< 0.00044							
PCB-022			0.00076							
PCB-023			< 0.00022							
PCB-024			< 0.00022							
PCB-025			< 0.00022							
PCB-026			< 0.00044							
PCB-027			< 0.00022							
PCB-031			0.00074							
PCB-032			0.00068							
PCB-034			< 0.00022							
PCB-035			< 0.00022							
PCB-036			< 0.00022							
PCB-037			0.00043							
PCB-038			< 0.00022							
PCB-039			< 0.00022							
PCB-040			< 0.00132							

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		4/26/2010	5/10/2010	5/17/2010	6/2/2010	6/8/2010	6/13/2010	7/3/2010	7/4/2010	7/11/2010
		OF002-100426-01	OF002-100510-01	OF002-100517-01	OF002-100602-01	OF002-100608-01	OF002-100613-01	OF002-100703-01	OF002-100704-01	OF002-100711-01
PCB-042			< 0.00044							
PCB-043			< 0.00088							
PCB-044			< 0.00132							
PCB-045			< 0.00088							
PCB-046			< 0.00044							
PCB-048			< 0.00044							
PCB-049			< 0.00088							
PCB-050			< 0.00088							
PCB-052			0.00092							
PCB-054			< 0.00044							
PCB-055			< 0.00044							
PCB-056			0.00062							
PCB-057			< 0.00044							
PCB-058			< 0.00044							
PCB-059			< 0.00132							
PCB-060			< 0.00044							
PCB-061			< 0.00177							
PCB-063			< 0.00044							
PCB-064			0.00054							
PCB-066			0.00102							
PCB-067			< 0.00044							
PCB-068			< 0.00044							
PCB-069										
PCB-072			< 0.00044							
PCB-077	32598-13-3		< 0.00044							
PCB-078			< 0.00044							
PCB-079			< 0.00044							
PCB-080			< 0.00044							
PCB-081	70362-50-4		< 0.00044							
PCB-082			< 0.00044							
PCB-083			< 0.00044							
PCB-084			< 0.00044							
PCB-085			< 0.00132							
PCB-086			< 0.00265							
PCB-088			< 0.00088							
PCB-089			< 0.00044							
PCB-090			< 0.00132							
PCB-092			< 0.00044							
PCB-093			< 0.00177							
PCB-094			< 0.00044							
PCB-095			0.00053							
PCB-096			< 0.00044							
PCB-099			< 0.00044							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		4/26/2010	5/10/2010	5/17/2010	6/2/2010	6/8/2010	6/13/2010	7/3/2010	7/4/2010	7/11/2010
		OF002-100426-01	OF002-100510-01	OF002-100517-01	OF002-100602-01	OF002-100608-01	OF002-100613-01	OF002-100703-01	OF002-100704-01	OF002-100711-01
PCB-103			< 0.00044							
PCB-104			< 0.00044							
PCB-105	32598-14-4		< 0.00044							
PCB-106			< 0.00044							
PCB-107			< 0.00088							
PCB-109			< 0.00044							
PCB-110			< 0.00088							
PCB-111			< 0.00044							
PCB-112			< 0.00044							
PCB-114	74472-37-0		< 0.00044							
PCB-118	31508-00-6		0.00056							
PCB-119										
PCB-120			< 0.00044							
PCB-121			< 0.00044							
PCB-122			< 0.00044							
PCB-123	65510-44-3		< 0.00044							
PCB-126	57465-28-8		< 0.00044							
PCB-127			< 0.00044							
PCB-128			< 0.00088							
PCB-129			0.00299							
PCB-130			< 0.00044							
PCB-131			< 0.00044							
PCB-132			0.00075							
PCB-133			< 0.00044							
PCB-134			< 0.00088							
PCB-136			< 0.00044							
PCB-137			< 0.00044							
PCB-139			< 0.00088							
PCB-141			0.00079							
PCB-142			< 0.00044							
PCB-144			< 0.00044							
PCB-145			< 0.00044							
PCB-146			< 0.00044							
PCB-147			0.00228							
PCB-148			< 0.00044							
PCB-150			< 0.00044							
PCB-151			0.00097							
PCB-152			< 0.00044							
PCB-153			0.00294							
PCB-154			< 0.00044							
PCB-155			< 0.00044							
PCB-156			< 0.00088							
PCB-158			< 0.00044							

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		4/26/2010	5/10/2010	5/17/2010	6/2/2010	6/8/2010	6/13/2010	7/3/2010	7/4/2010	7/11/2010
		OF002-100426-01	OF002-100510-01	OF002-100517-01	OF002-100602-01	OF002-100608-01	OF002-100613-01	OF002-100703-01	OF002-100704-01	OF002-100711-01
PCB-159			< 0.00044							
PCB-160			< 0.00044							
PCB-161			< 0.00044							
PCB-162			< 0.00044							
PCB-164			< 0.00044							
PCB-165			< 0.00044							
PCB-167	52663-72-6		< 0.00044							
PCB-169	32774-16-6		< 0.00044							
PCB-170			0.00126							
PCB-171			< 0.00088							
PCB-172			< 0.00044							
PCB-174			0.00142							
PCB-175			< 0.00044							
PCB-176			< 0.00044							
PCB-177			0.00075							
PCB-178			< 0.00044							
PCB-179			< 0.00044							
PCB-180			0.00293							
PCB-181			< 0.00044							
PCB-182			< 0.00044							
PCB-183			< 0.00088							
PCB-184			< 0.00044							
PCB-186			< 0.00044							
PCB-187			0.00147							
PCB-188			< 0.00044							
PCB-189	39635-31-9		< 0.00044							
PCB-190			< 0.00044							
PCB-191			< 0.00044							
PCB-192			< 0.00044							
PCB-194			< 0.00066							
PCB-195			< 0.00066							
PCB-196			< 0.00066							
PCB-197			< 0.00132							
PCB-198			< 0.00132							
PCB-201			< 0.00066							
PCB-202			< 0.00066							
PCB-203			< 0.00066							
PCB-204			< 0.00066							
PCB-205			< 0.00066							
PCB-206			< 0.00066							
PCB-207			< 0.00066							
PCB-208			< 0.00066							
PCB-209			< 0.00066							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		4/26/2010	5/10/2010	5/17/2010	6/2/2010	6/8/2010	6/13/2010	7/3/2010	7/4/2010	7/11/2010
		OF002-100426-01	OF002-100510-01	OF002-100517-01	OF002-100602-01	OF002-100608-01	OF002-100613-01	OF002-100703-01	OF002-100704-01	OF002-100711-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000			< 5000			< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand			6100							
Chemical Oxygen Demand			30600							
Total Organic Carbon			8500							
Total Settleable Solids			< 0.2			< 0.2			< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		7/20/2010	7/29/2010	8/17/2010	8/31/2010	9/10/2010	9/13/2010	9/22/2010	10/11/2010	10/18/2010
		OF002-100720-01	OF002-100729-01	OF002-100817-01	OF002-100831-01	OF002-100910-01	OF002-100913-01	OF002-100922-01	OF002-101011-01	OF002-101018-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0						< 1			
Trichloroethene	79-01-6						< 1			
Vinyl Chloride	75-01-4						< 1			
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5						***167***			
Aluminum, Dissolved							< 75			
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3						< 5			
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6						< 0.2			
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		7/20/2010	7/29/2010	8/17/2010	8/31/2010	9/10/2010	9/13/2010	9/22/2010	10/11/2010	10/18/2010
		OF002-100720-01	OF002-100729-01	OF002-100817-01	OF002-100831-01	OF002-100910-01	OF002-100913-01	OF002-100922-01	OF002-101011-01	OF002-101018-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 2.5	< 5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 2.5	< 5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 2.5	< 5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 2.5	< 5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 2.5	< 5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 2.5	< 5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 2.5	< 5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5
PCB-001								0.00024		
PCB-002								< 0.0002		
PCB-003								< 0.0002		
PCB-004								0.00291		
PCB-005								< 0.0002		
PCB-006								0.00026		
PCB-007								< 0.0002		
PCB-008								0.00062		
PCB-009								< 0.0002		
PCB-010								< 0.0002		
PCB-011								< 0.00121		
PCB-012								< 0.0004		
PCB-014								< 0.0002		
PCB-015								0.00126		
PCB-016								0.00028		
PCB-017								0.00031		
PCB-018								0.00065		
PCB-019								0.00096		
PCB-020								0.00197		
PCB-021								< 0.0004		
PCB-022								0.00077		
PCB-023								< 0.0002		
PCB-024								< 0.0002		
PCB-025								< 0.0002		
PCB-026								< 0.0004		
PCB-027								0.00022		
PCB-031								0.00078		
PCB-032								0.00073		
PCB-034								< 0.0002		
PCB-035								< 0.0002		
PCB-036								< 0.0002		
PCB-037								0.00052		
PCB-038								< 0.0002		
PCB-039								< 0.0002		
PCB-040								< 0.00121		

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		7/20/2010	7/29/2010	8/17/2010	8/31/2010	9/10/2010	9/13/2010	9/22/2010	10/11/2010	10/18/2010
		OF002-100720-01	OF002-100729-01	OF002-100817-01	OF002-100831-01	OF002-100910-01	OF002-100913-01	OF002-100922-01	OF002-101011-01	OF002-101018-01
PCB-042								< 0.0004		
PCB-043								< 0.00081		
PCB-044								< 0.00121		
PCB-045								< 0.00081		
PCB-046								< 0.0004		
PCB-048								< 0.0004		
PCB-049								< 0.00081		
PCB-050								< 0.00081		
PCB-052								0.00104		
PCB-054								< 0.0004		
PCB-055								< 0.0004		
PCB-056								0.0008		
PCB-057								< 0.0004		
PCB-058								< 0.0004		
PCB-059								< 0.00121		
PCB-060								0.00043		
PCB-061								< 0.00162		
PCB-063								< 0.0004		
PCB-064								0.00063		
PCB-066								0.0014		
PCB-067								< 0.0004		
PCB-068								< 0.0004		
PCB-069										
PCB-072								< 0.0004		
PCB-077	32598-13-3							< 0.0004		
PCB-078								< 0.0004		
PCB-079								< 0.0004		
PCB-080								< 0.0004		
PCB-081	70362-50-4							< 0.0004		
PCB-082								< 0.0004		
PCB-083								< 0.0004		
PCB-084								< 0.0004		
PCB-085								< 0.00121		
PCB-086								< 0.00242		
PCB-088								< 0.00081		
PCB-089								< 0.0004		
PCB-090								< 0.00121		
PCB-092								< 0.0004		
PCB-093								< 0.00161		
PCB-094								< 0.0004		
PCB-095								0.00045		
PCB-096								< 0.0004		
PCB-099								< 0.0004		

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		7/20/2010	7/29/2010	8/17/2010	8/31/2010	9/10/2010	9/13/2010	9/22/2010	10/11/2010	10/18/2010
		OF002-100720-01	OF002-100729-01	OF002-100817-01	OF002-100831-01	OF002-100910-01	OF002-100913-01	OF002-100922-01	OF002-101011-01	OF002-101018-01
PCB-103								< 0.0004		
PCB-104								< 0.0004		
PCB-105	32598-14-4							< 0.0004		
PCB-106								< 0.0004		
PCB-107								< 0.00081		
PCB-109								< 0.0004		
PCB-110								< 0.00081		
PCB-111								< 0.0004		
PCB-112								< 0.0004		
PCB-114	74472-37-0							< 0.0004		
PCB-118	31508-00-6							< 0.0004		
PCB-119										
PCB-120								< 0.0004		
PCB-121								< 0.0004		
PCB-122								< 0.0004		
PCB-123	65510-44-3							< 0.0004		
PCB-126	57465-28-8							< 0.0004		
PCB-127								< 0.0004		
PCB-128								< 0.00081		
PCB-129								< 0.00121		
PCB-130								< 0.0004		
PCB-131								< 0.0004		
PCB-132								< 0.0004		
PCB-133								< 0.0004		
PCB-134								< 0.00081		
PCB-136								< 0.0004		
PCB-137								< 0.0004		
PCB-139								< 0.00081		
PCB-141								< 0.0004		
PCB-142								< 0.0004		
PCB-144								< 0.0004		
PCB-145								< 0.0004		
PCB-146								< 0.0004		
PCB-147								< 0.00081		
PCB-148								< 0.0004		
PCB-150								< 0.0004		
PCB-151								< 0.00081		
PCB-152								< 0.0004		
PCB-153								0.00086		
PCB-154								< 0.0004		
PCB-155								< 0.0004		
PCB-156								< 0.00081		
PCB-158								< 0.0004		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		7/20/2010	7/29/2010	8/17/2010	8/31/2010	9/10/2010	9/13/2010	9/22/2010	10/11/2010	10/18/2010
		OF002-100720-01	OF002-100729-01	OF002-100817-01	OF002-100831-01	OF002-100910-01	OF002-100913-01	OF002-100922-01	OF002-101011-01	OF002-101018-01
PCB-159								< 0.0004		
PCB-160								< 0.0004		
PCB-161								< 0.0004		
PCB-162								< 0.0004		
PCB-164								< 0.0004		
PCB-165								< 0.0004		
PCB-167	52663-72-6							< 0.0004		
PCB-169	32774-16-6							< 0.0004		
PCB-170								< 0.0004		
PCB-171								< 0.00081		
PCB-172								< 0.0004		
PCB-174								< 0.0004		
PCB-175								< 0.0004		
PCB-176								< 0.0004		
PCB-177								< 0.0004		
PCB-178								< 0.0004		
PCB-179								< 0.0004		
PCB-180								< 0.00081		
PCB-181								< 0.0004		
PCB-182								< 0.0004		
PCB-183								< 0.00081		
PCB-184								< 0.0004		
PCB-186								< 0.0004		
PCB-187								< 0.0004		
PCB-188								< 0.0004		
PCB-189	39635-31-9							< 0.0004		
PCB-190								< 0.0004		
PCB-191								< 0.0004		
PCB-192								< 0.0004		
PCB-194								< 0.00061		
PCB-195								< 0.00061		
PCB-196								< 0.00061		
PCB-197								< 0.00121		
PCB-198								< 0.00121		
PCB-201								< 0.00061		
PCB-202								< 0.00061		
PCB-203								< 0.00061		
PCB-204								< 0.00061		
PCB-205								< 0.00061		
PCB-206								< 0.00061		
PCB-207								< 0.00061		
PCB-208								< 0.00061		
PCB-209								< 0.00061		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		7/20/2010	7/29/2010	8/17/2010	8/31/2010	9/10/2010	9/13/2010	9/22/2010	10/11/2010	10/18/2010
		OF002-100720-01	OF002-100729-01	OF002-100817-01	OF002-100831-01	OF002-100910-01	OF002-100913-01	OF002-100922-01	OF002-101011-01	OF002-101018-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000		< 5000	< 5000		< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2		< 0.2	< 0.2		< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		10/26/2010	11/11/2010	11/17/2010	12/24/2010	12/31/2010	2/15/2011	2/24/2011	2/27/2011	3/8/2011
		OF002-101026-01	OF002-101111-01	OF002-101117-01	OF002-101224-01	OF002-101231-01	OF002-110215-01	OF002-110224-01	OF002-110227-01	OF002-100308-02
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0					< 1			< 1	
Trichloroethene	79-01-6					< 1			< 1	
Vinyl Chloride	75-01-4					< 1			< 1	
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5					***296***			< 75	
Aluminum, Dissolved						< 75			< 75	
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3					< 5			< 5	
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6					< 0.2			< 0.2	
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		10/26/2010	11/11/2010	11/17/2010	12/24/2010	12/31/2010	2/15/2011	2/24/2011	2/27/2011	3/8/2011
		OF002-101026-01	OF002-101111-01	OF002-101117-01	OF002-101224-01	OF002-101231-01	OF002-110215-01	OF002-110224-01	OF002-110227-01	OF002-100308-02
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.52	< 116	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.52	< 116	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.52	< 116	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.52	< 116	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.52	< 116	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.52	< 116	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.52	< 116	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		10/26/2010	11/11/2010	11/17/2010	12/24/2010	12/31/2010	2/15/2011	2/24/2011	2/27/2011	3/8/2011
		OF002-101026-01	OF002-101111-01	OF002-101117-01	OF002-101224-01	OF002-101231-01	OF002-110215-01	OF002-110224-01	OF002-110227-01	OF002-100308-02
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		10/26/2010	11/11/2010	11/17/2010	12/24/2010	12/31/2010	2/15/2011	2/24/2011	2/27/2011	3/8/2011
		OF002-101026-01	OF002-101111-01	OF002-101117-01	OF002-101224-01	OF002-101231-01	OF002-110215-01	OF002-110224-01	OF002-110227-01	OF002-100308-02
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		10/26/2010	11/11/2010	11/17/2010	12/24/2010	12/31/2010	2/15/2011	2/24/2011	2/27/2011	3/8/2011
		OF002-101026-01	OF002-101111-01	OF002-101117-01	OF002-101224-01	OF002-101231-01	OF002-110215-01	OF002-110224-01	OF002-110227-01	OF002-100308-02
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		10/26/2010	11/11/2010	11/17/2010	12/24/2010	12/31/2010	2/15/2011	2/24/2011	2/27/2011	3/8/2011
		OF002-101026-01	OF002-101111-01	OF002-101117-01	OF002-101224-01	OF002-101231-01	OF002-110215-01	OF002-110224-01	OF002-110227-01	OF002-100308-02
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000			< 5000		< 5000	< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2			< 0.2			< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		3/14/2011	3/25/2011	3/28/2011	4/3/2011	4/16/2011	4/21/2011	4/25/2011	5/5/2011	5/11/2011
		OF002-110314-01	OF002-110325-01	OF002-110328-01	OF002-110403-01	OF002-110416-01	OF002-110421-01	OF002-110425-01	OF002-110505-01	OF002-110511-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0								< 1	
Trichloroethene	79-01-6								< 1	
Vinyl Chloride	75-01-4								< 1	
SVOCs										
Phenolics, Total Recoverable									< 50	
Metals and Inorganics										
Aluminum	7429-90-5								***204***	
Aluminum, Dissolved									< 75	
Ammonia	7664-41-7								280	
Arsenic	7440-38-2								< 10	
Barium	7440-39-3								< 10	
Beryllium	7440-41-7								< 1	
Boron And Borates Only	7440-42-8								< 100	
Cadmium	7440-43-9									
Chlorine, Total Residual									< 50	
Chromium, Total	7440-47-3								< 5	
Cobalt	7440-48-4								< 5	
Copper	7440-50-8								< 10	
Cyanide	57-12-5								< 5	
Iron	7439-89-6								215	
Lead	7439-92-1								< 5	
Mercury	7439-97-6								< 0.2	
Molybdenum	7439-98-7									
Nickel	7440-02-0								< 5	
Nitrate	14797-55-8								260	
Nitrate & Nitrite										
Nitrite	14797-65-0								< 100	
Phosphorus	7723-14-0								< 100	
Potassium	7440-09-7								775	
Selenium	7782-49-2								< 15	
Silicon	7440-21-3									
Silver	7440-22-4								< 7	
Strontium, Stable	7440-24-6								154	
Sulfate	14808-79-8								8100	
Thallium (Soluble Salts)	7440-28-0								< 20	
Titanium	7440-32-6								< 10	
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6								***188***	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		3/14/2011	3/25/2011	3/28/2011	4/3/2011	4/16/2011	4/21/2011	4/25/2011	5/5/2011	5/11/2011
		OF002-110314-01	OF002-110325-01	OF002-110328-01	OF002-110403-01	OF002-110416-01	OF002-110421-01	OF002-110425-01	OF002-110505-01	OF002-110511-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.53	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.53	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.53	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.53	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.53	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.53	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.53	< 0.5
PCB-001									< 0.00022	
PCB-002									< 0.00022	
PCB-003									< 0.00022	
PCB-004									0.00163	
PCB-005									< 0.00022	
PCB-006									0.00034	
PCB-007									< 0.00022	
PCB-008									0.00082	
PCB-009									< 0.00022	
PCB-010									< 0.00022	
PCB-011									< 0.00132	
PCB-012									< 0.00044	
PCB-014									< 0.00022	
PCB-015									0.00063	
PCB-016									0.00037	
PCB-017									0.00047	
PCB-018									0.00111	
PCB-019									0.00062	
PCB-020									0.0018	
PCB-021									< 0.00044	
PCB-022									0.00073	
PCB-023									< 0.00022	
PCB-024									< 0.00022	
PCB-025									< 0.00022	
PCB-026									< 0.00044	
PCB-027									< 0.00022	
PCB-031									0.00076	
PCB-032									0.001	
PCB-034									< 0.00022	
PCB-035									< 0.00022	
PCB-036									< 0.00022	
PCB-037									0.00038	
PCB-038									< 0.00022	
PCB-039									< 0.00022	
PCB-040									< 0.00132	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		3/14/2011	3/25/2011	3/28/2011	4/3/2011	4/16/2011	4/21/2011	4/25/2011	5/5/2011	5/11/2011
		OF002-110314-01	OF002-110325-01	OF002-110328-01	OF002-110403-01	OF002-110416-01	OF002-110421-01	OF002-110425-01	OF002-110505-01	OF002-110511-01
PCB-042									< 0.00044	
PCB-043									< 0.00088	
PCB-044									< 0.00132	
PCB-045									< 0.00088	
PCB-046									< 0.00044	
PCB-048									< 0.00044	
PCB-049									< 0.00088	
PCB-050									< 0.00088	
PCB-052									0.00117	
PCB-054									< 0.00044	
PCB-055									< 0.00044	
PCB-056									0.00061	
PCB-057									< 0.00044	
PCB-058									< 0.00044	
PCB-059									< 0.00132	
PCB-060									< 0.00044	
PCB-061									< 0.00177	
PCB-063									< 0.00044	
PCB-064									0.0006	
PCB-066									0.00111	
PCB-067									< 0.00044	
PCB-068									< 0.00044	
PCB-069										
PCB-072									< 0.00044	
PCB-077	32598-13-3								< 0.00044	
PCB-078									< 0.00044	
PCB-079									< 0.00044	
PCB-080									< 0.00044	
PCB-081	70362-50-4								< 0.00044	
PCB-082									< 0.00044	
PCB-083									< 0.00044	
PCB-084									< 0.00044	
PCB-085									< 0.00132	
PCB-086									< 0.00265	
PCB-088									< 0.00088	
PCB-089									< 0.00044	
PCB-090									< 0.00132	
PCB-092									< 0.00044	
PCB-093									< 0.00177	
PCB-094									< 0.00044	
PCB-095									0.00045	
PCB-096									< 0.00044	
PCB-099									< 0.00044	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		3/14/2011	3/25/2011	3/28/2011	4/3/2011	4/16/2011	4/21/2011	4/25/2011	5/5/2011	5/11/2011
		OF002-110314-01	OF002-110325-01	OF002-110328-01	OF002-110403-01	OF002-110416-01	OF002-110421-01	OF002-110425-01	OF002-110505-01	OF002-110511-01
PCB-103									< 0.00044	
PCB-104									< 0.00044	
PCB-105	32598-14-4								< 0.00044	
PCB-106									< 0.00044	
PCB-107									< 0.00088	
PCB-109									< 0.00044	
PCB-110									< 0.00088	
PCB-111									< 0.00044	
PCB-112									< 0.00044	
PCB-114	74472-37-0								< 0.00044	
PCB-118	31508-00-6								< 0.00044	
PCB-119										
PCB-120									< 0.00044	
PCB-121									< 0.00044	
PCB-122									< 0.00044	
PCB-123	65510-44-3								< 0.00044	
PCB-126	57465-28-8								< 0.00044	
PCB-127									< 0.00044	
PCB-128									< 0.00088	
PCB-129									< 0.00132	
PCB-130									< 0.00044	
PCB-131									< 0.00044	
PCB-132									< 0.00044	
PCB-133									< 0.00044	
PCB-134									< 0.00088	
PCB-136									< 0.00044	
PCB-137									< 0.00044	
PCB-139									< 0.00088	
PCB-141									< 0.00044	
PCB-142									< 0.00044	
PCB-144									< 0.00044	
PCB-145									< 0.00044	
PCB-146									< 0.00044	
PCB-147									< 0.00088	
PCB-148									< 0.00044	
PCB-150									< 0.00044	
PCB-151									< 0.00088	
PCB-152									< 0.00044	
PCB-153									< 0.00088	
PCB-154									< 0.00044	
PCB-155									< 0.00044	
PCB-156									< 0.00088	
PCB-158									< 0.00044	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		3/14/2011	3/25/2011	3/28/2011	4/3/2011	4/16/2011	4/21/2011	4/25/2011	5/5/2011	5/11/2011
		OF002-110314-01	OF002-110325-01	OF002-110328-01	OF002-110403-01	OF002-110416-01	OF002-110421-01	OF002-110425-01	OF002-110505-01	OF002-110511-01
PCB-159									< 0.00044	
PCB-160									< 0.00044	
PCB-161									< 0.00044	
PCB-162									< 0.00044	
PCB-164									< 0.00044	
PCB-165									< 0.00044	
PCB-167	52663-72-6								< 0.00044	
PCB-169	32774-16-6								< 0.00044	
PCB-170									< 0.00044	
PCB-171									< 0.00088	
PCB-172									< 0.00044	
PCB-174									< 0.00044	
PCB-175									< 0.00044	
PCB-176									< 0.00044	
PCB-177									< 0.00044	
PCB-178									< 0.00044	
PCB-179									< 0.00044	
PCB-180									< 0.00088	
PCB-181									< 0.00044	
PCB-182									< 0.00044	
PCB-183									< 0.00088	
PCB-184									< 0.00044	
PCB-186									< 0.00044	
PCB-187									< 0.00044	
PCB-188									< 0.00044	
PCB-189	39635-31-9								< 0.00044	
PCB-190									< 0.00044	
PCB-191									< 0.00044	
PCB-192									< 0.00044	
PCB-194									< 0.00066	
PCB-195									< 0.00066	
PCB-196									< 0.00066	
PCB-197									< 0.00132	
PCB-198									< 0.00132	
PCB-201									< 0.00066	
PCB-202									< 0.00066	
PCB-203									< 0.00066	
PCB-204									< 0.00066	
PCB-205									< 0.00066	
PCB-206									< 0.00066	
PCB-207									< 0.00066	
PCB-208									< 0.00066	
PCB-209									< 0.00066	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		3/14/2011	3/25/2011	3/28/2011	4/3/2011	4/16/2011	4/21/2011	4/25/2011	5/5/2011	5/11/2011
		OF002-110314-01	OF002-110325-01	OF002-110328-01	OF002-110403-01	OF002-110416-01	OF002-110421-01	OF002-110425-01	OF002-110505-01	OF002-110511-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000			< 5000				< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand									3300	
Chemical Oxygen Demand									27400	
Total Organic Carbon									3700	
Total Settleable Solids		< 0.2			< 0.2				< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		5/19/2011	5/22/2011	6/16/2011	6/19/2011	6/27/2011	7/3/2011	7/12/2011	7/30/2011	8/5/2011
		OF002-110519-01	OF002-110522-01	OF002-110616-01	OF002-110619-01	OF002-110627-01	OF002-110703-01	OF002-110712-01	OF002-110730-01	OF002-110805-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1						
Trichloroethene	79-01-6			< 1						
Vinyl Chloride	75-01-4			< 1						
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5			***878***						
Aluminum, Dissolved				< 75						
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3			< 5						
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6			< 0.2						
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		5/19/2011	5/22/2011	6/16/2011	6/19/2011	6/27/2011	7/3/2011	7/12/2011	7/30/2011	8/5/2011
		OF002-110519-01	OF002-110522-01	OF002-110616-01	OF002-110619-01	OF002-110627-01	OF002-110703-01	OF002-110712-01	OF002-110730-01	OF002-110805-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		5/19/2011	5/22/2011	6/16/2011	6/19/2011	6/27/2011	7/3/2011	7/12/2011	7/30/2011	8/5/2011
		OF002-110519-01	OF002-110522-01	OF002-110616-01	OF002-110619-01	OF002-110627-01	OF002-110703-01	OF002-110712-01	OF002-110730-01	OF002-110805-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		5/19/2011	5/22/2011	6/16/2011	6/19/2011	6/27/2011	7/3/2011	7/12/2011	7/30/2011	8/5/2011
		OF002-110519-01	OF002-110522-01	OF002-110616-01	OF002-110619-01	OF002-110627-01	OF002-110703-01	OF002-110712-01	OF002-110730-01	OF002-110805-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		5/19/2011	5/22/2011	6/16/2011	6/19/2011	6/27/2011	7/3/2011	7/12/2011	7/30/2011	8/5/2011
		OF002-110519-01	OF002-110522-01	OF002-110616-01	OF002-110619-01	OF002-110627-01	OF002-110703-01	OF002-110712-01	OF002-110730-01	OF002-110805-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		5/19/2011	5/22/2011	6/16/2011	6/19/2011	6/27/2011	7/3/2011	7/12/2011	7/30/2011	8/5/2011
		OF002-110519-01	OF002-110522-01	OF002-110616-01	OF002-110619-01	OF002-110627-01	OF002-110703-01	OF002-110712-01	OF002-110730-01	OF002-110805-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000				< 5000		< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				0.3				< 0.2		< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	
		8/7/2011	8/15/2011	8/22/2011	9/3/2011	9/9/2011	9/18/2011	10/26/2011	11/2/2011	11/7/2011	
		OF002-110808-01	OF002-110815-01	OF002-110822-01	OF002-110903-01	OF002-110909-01	OF002-110918-01	OF002-111026-01	OF002-111102-01	OF002-111107-01	
VOCs											
Dichloroethene, 1,2- (Total)	540-59-0						< 1			< 1	
Trichloroethene	79-01-6						< 1			< 1	
Vinyl Chloride	75-01-4						< 1			< 1	
SVOCs											
Phenolics, Total Recoverable											
Metals and Inorganics											
Aluminum	7429-90-5						***115***			***202***	
Aluminum, Dissolved							< 75			***225***	D9
Ammonia	7664-41-7										
Arsenic	7440-38-2										
Barium	7440-39-3										
Beryllium	7440-41-7										
Boron And Borates Only	7440-42-8										
Cadmium	7440-43-9										
Chlorine, Total Residual											
Chromium, Total	7440-47-3						< 5			< 5	
Cobalt	7440-48-4										
Copper	7440-50-8										
Cyanide	57-12-5										
Iron	7439-89-6										
Lead	7439-92-1										
Mercury	7439-97-6						< 0.2			< 0.2	
Molybdenum	7439-98-7										
Nickel	7440-02-0										
Nitrate	14797-55-8										
Nitrate & Nitrite											
Nitrite	14797-65-0										
Phosphorus	7723-14-0										
Potassium	7440-09-7										
Selenium	7782-49-2										
Silicon	7440-21-3										
Silver	7440-22-4										
Strontium, Stable	7440-24-6										
Sulfate	14808-79-8										
Thallium (Soluble Salts)	7440-28-0										
Titanium	7440-32-6										
Uranium	NA										
Uranium-234	13966-29-5										
Uranium-235	15117-96-1										
Uranium-238	7440-61-1										
Zinc	7440-66-6										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		8/7/2011	8/15/2011	8/22/2011	9/3/2011	9/9/2011	9/18/2011	10/26/2011	11/2/2011	11/7/2011
		OF002-110808-01	OF002-110815-01	OF002-110822-01	OF002-110903-01	OF002-110909-01	OF002-110918-01	OF002-111026-01	OF002-111102-01	OF002-111107-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001								0.00043		
PCB-002								< 0.00022		
PCB-003								0.00029		
PCB-004								0.00584		
PCB-005								< 0.00022		
PCB-006								0.00077		
PCB-007								< 0.00022		
PCB-008								0.00167		
PCB-009								< 0.00022		
PCB-010								< 0.00022		
PCB-011								< 0.00131		
PCB-012								0.00045		
PCB-014								< 0.00022		
PCB-015								0.00398		
PCB-016								0.00101		
PCB-017								0.00163		
PCB-018								0.00322		
PCB-019								0.00336		
PCB-020								0.00799		
PCB-021								0.00111		
PCB-022								0.00297		
PCB-023								< 0.00022		
PCB-024								< 0.00022		
PCB-025								0.00055		
PCB-026								0.00104		
PCB-027								0.00075		
PCB-031								0.00324		
PCB-032								0.00316		
PCB-034								< 0.00022		
PCB-035								< 0.00022		
PCB-036								< 0.00022		
PCB-037								0.00193		
PCB-038								< 0.00022		
PCB-039								< 0.00022		
PCB-040								0.00342		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		8/7/2011	8/15/2011	8/22/2011	9/3/2011	9/9/2011	9/18/2011	10/26/2011	11/2/2011	11/7/2011
		OF002-110808-01	OF002-110815-01	OF002-110822-01	OF002-110903-01	OF002-110909-01	OF002-110918-01	OF002-111026-01	OF002-111102-01	OF002-111107-01
PCB-042								0.0015		
PCB-043								< 0.00087		
PCB-044								0.00498		
PCB-045								0.00137		
PCB-046								0.00048		
PCB-048								0.00087		
PCB-049								0.00292		
PCB-050								0.00097		
PCB-052								0.00446		
PCB-054								< 0.00044		
PCB-055								< 0.00044		
PCB-056								0.00272		
PCB-057								< 0.00044		
PCB-058								< 0.00044		
PCB-059								< 0.00131		
PCB-060								0.00154		
PCB-061								0.00594		
PCB-063								< 0.00044		
PCB-064								0.0025		
PCB-066								0.00488		
PCB-067								< 0.00044		
PCB-068								< 0.00044		
PCB-069										
PCB-072								< 0.00044		
PCB-077	32598-13-3							0.00056		
PCB-078								< 0.00044		
PCB-079								< 0.00044		
PCB-080								< 0.00044		
PCB-081	70362-50-4							< 0.00044		
PCB-082								< 0.00044		
PCB-083								< 0.00044		
PCB-084								0.0006		
PCB-085								< 0.00131		
PCB-086								< 0.00262		
PCB-088								< 0.00087		
PCB-089								< 0.00044		
PCB-090								0.00374		
PCB-092								0.00046		
PCB-093								< 0.00175		
PCB-094								< 0.00044		
PCB-095								0.0025		
PCB-096								< 0.00044		
PCB-099								0.00058		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		8/7/2011	8/15/2011	8/22/2011	9/3/2011	9/9/2011	9/18/2011	10/26/2011	11/2/2011	11/7/2011
		OF002-110808-01	OF002-110815-01	OF002-110822-01	OF002-110903-01	OF002-110909-01	OF002-110918-01	OF002-111026-01	OF002-111102-01	OF002-111107-01
PCB-103								< 0.00044		
PCB-104								< 0.00044		
PCB-105	32598-14-4							0.00097		
PCB-106								< 0.00044		
PCB-107								< 0.00087		
PCB-109								< 0.00044		
PCB-110								0.00292		
PCB-111								< 0.00044		
PCB-112								< 0.00044		
PCB-114	74472-37-0							< 0.00044		
PCB-118	31508-00-6							0.00233		
PCB-119										
PCB-120								< 0.00044		
PCB-121								< 0.00044		
PCB-122								< 0.00044		
PCB-123	65510-44-3							< 0.00044		
PCB-126	57465-28-8							< 0.00044		
PCB-127								< 0.00044		
PCB-128								< 0.00087		
PCB-129								0.0125		
PCB-130								< 0.00044		
PCB-131								< 0.00044		
PCB-132								0.00309		
PCB-133								< 0.00044		
PCB-134								< 0.00087		
PCB-136								0.00132		
PCB-137								< 0.00044		
PCB-139								< 0.00087		
PCB-141								0.00305		
PCB-142								< 0.00044		
PCB-144								0.00064		
PCB-145								< 0.00044		
PCB-146								0.00137		
PCB-147								0.00872		
PCB-148								< 0.00044		
PCB-150								< 0.00044		
PCB-151								0.00422		
PCB-152								< 0.00044		
PCB-153								0.0118		
PCB-154								< 0.00044		
PCB-155								< 0.00044		
PCB-156								0.00096		
PCB-158								0.00106		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		8/7/2011	8/15/2011	8/22/2011	9/3/2011	9/9/2011	9/18/2011	10/26/2011	11/2/2011	11/7/2011
		OF002-110808-01	OF002-110815-01	OF002-110822-01	OF002-110903-01	OF002-110909-01	OF002-110918-01	OF002-111026-01	OF002-111102-01	OF002-111107-01
PCB-159								< 0.00044		
PCB-160								< 0.00044		
PCB-161								< 0.00044		
PCB-162								< 0.00044		
PCB-164								0.00088		
PCB-165								< 0.00044		
PCB-167	52663-72-6							< 0.00044		
PCB-169	32774-16-6							< 0.00044		
PCB-170								0.00549		
PCB-171								0.00155		
PCB-172								0.00085		
PCB-174								0.0049		
PCB-175								< 0.00044		
PCB-176								0.00059		
PCB-177								0.00288		
PCB-178								0.00095		
PCB-179								0.0018		
PCB-180								0.0113		
PCB-181								< 0.00044		
PCB-182								< 0.00044		
PCB-183								0.00331		
PCB-184								< 0.00044		
PCB-186								< 0.00044		
PCB-187								0.00538		
PCB-188								< 0.00044		
PCB-189	39635-31-9							< 0.00044		
PCB-190								0.00116		
PCB-191								< 0.00044		
PCB-192								< 0.00044		
PCB-194								0.002		
PCB-195								0.00087		
PCB-196								0.00105		
PCB-197								< 0.00131		
PCB-198								0.00205		
PCB-201								< 0.00066		
PCB-202								< 0.00066		
PCB-203								0.00117		
PCB-204								< 0.00066		
PCB-205								< 0.00066		
PCB-206								< 0.00066		
PCB-207								< 0.00066		
PCB-208								< 0.00066		
PCB-209								< 0.00066		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		8/7/2011	8/15/2011	8/22/2011	9/3/2011	9/9/2011	9/18/2011	10/26/2011	11/2/2011	11/7/2011
		OF002-110808-01	OF002-110815-01	OF002-110822-01	OF002-110903-01	OF002-110909-01	OF002-110918-01	OF002-111026-01	OF002-111102-01	OF002-111107-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease							< 5000		< 5000	< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids							< 0.2		< 0.2	< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		11/22/2011	12/3/2011	12/13/2011	12/19/2011	1/1/2012	1/22/2012	2/3/2012	2/14/2012	2/20/2012
		OF002-111122-01	OF002-111203-01	OF002-111213-01	OF002-111219-01	OF002-120101-01	OF002-120122-01	OF002-120203-01	OF002-120214-01	OF002-120220-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0							< 1		
Trichloroethene	79-01-6							< 1		
Vinyl Chloride	75-01-4							< 1		
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5							***510***		
Aluminum, Dissolved								< 75		
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3							< 5		
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6							< 0.2		
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		11/22/2011	12/3/2011	12/13/2011	12/19/2011	1/1/2012	1/22/2012	2/3/2012	2/14/2012	2/20/2012
		OF002-111122-01	OF002-111203-01	OF002-111213-01	OF002-111219-01	OF002-120101-01	OF002-120122-01	OF002-120203-01	OF002-120214-01	OF002-120220-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		11/22/2011	12/3/2011	12/13/2011	12/19/2011	1/1/2012	1/22/2012	2/3/2012	2/14/2012	2/20/2012
		OF002-111122-01	OF002-111203-01	OF002-111213-01	OF002-111219-01	OF002-120101-01	OF002-120122-01	OF002-120203-01	OF002-120214-01	OF002-120220-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		11/22/2011	12/3/2011	12/13/2011	12/19/2011	1/1/2012	1/22/2012	2/3/2012	2/14/2012	2/20/2012
		OF002-111122-01	OF002-111203-01	OF002-111213-01	OF002-111219-01	OF002-120101-01	OF002-120122-01	OF002-120203-01	OF002-120214-01	OF002-120220-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		11/22/2011	12/3/2011	12/13/2011	12/19/2011	1/1/2012	1/22/2012	2/3/2012	2/14/2012	2/20/2012
		OF002-111122-01	OF002-111203-01	OF002-111213-01	OF002-111219-01	OF002-120101-01	OF002-120122-01	OF002-120203-01	OF002-120214-01	OF002-120220-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		11/22/2011	12/3/2011	12/13/2011	12/19/2011	1/1/2012	1/22/2012	2/3/2012	2/14/2012	2/20/2012
		OF002-111122-01	OF002-111203-01	OF002-111213-01	OF002-111219-01	OF002-120101-01	OF002-120122-01	OF002-120203-01	OF002-120214-01	OF002-120220-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease							< 5000	< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids							< 0.2	< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	
		2/28/2012	3/8/2012	3/11/2012	3/19/2012	4/12/2012	4/27/2012	4/29/2012	5/6/2012	5/24/2012	
		OF002-120228-01	OF002-120308-01	OF002-120311-01	OF002-120319-01	OF002-120412-01	OF002-120427-01	OF002-120429-01	OF002-120506-01	OF002-120524-01	
VOCs											
Dichloroethene, 1,2- (Total)	540-59-0						< 1			< 5	
Trichloroethene	79-01-6						< 1			< 5	
Vinyl Chloride	75-01-4						< 1			< 5	
SVOCs											
Phenolics, Total Recoverable										< 50	
Metals and Inorganics											
Aluminum	7429-90-5						***863***			***537***	
Aluminum, Dissolved							< 75			< 75	
Ammonia	7664-41-7									540	
Arsenic	7440-38-2									< 10	
Barium	7440-39-3									15.6	
Beryllium	7440-41-7									< 1	
Boron And Borates Only	7440-42-8									***114***	
Cadmium	7440-43-9										
Chlorine, Total Residual										< 50	
Chromium, Total	7440-47-3						< 5			< 5	
Cobalt	7440-48-4									< 5	
Copper	7440-50-8									< 10	
Cyanide	57-12-5									< 5	
Iron	7439-89-6									530	
Lead	7439-92-1									***5.1***	
Mercury	7439-97-6						< 0.2			< 0.2	
Molybdenum	7439-98-7										
Nickel	7440-02-0									< 5	
Nitrate	14797-55-8									640	
Nitrate & Nitrite										670	
Nitrite	14797-65-0									< 100	
Phosphorus	7723-14-0									< 100	
Potassium	7440-09-7									741	
Selenium	7782-49-2									< 15	
Silicon	7440-21-3									1220	
Silver	7440-22-4									< 7	
Strontium, Stable	7440-24-6									87.6	
Sulfate	14808-79-8									6700	H5
Thallium (Soluble Salts)	7440-28-0									< 20	
Titanium	7440-32-6									< 10	
Uranium	NA										
Uranium-234	13966-29-5										
Uranium-235	15117-96-1										
Uranium-238	7440-61-1										
Zinc	7440-66-6									***451***	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/28/2012	3/8/2012	3/11/2012	3/19/2012	4/12/2012	4/27/2012	4/29/2012	5/6/2012	5/24/2012
		OF002-120228-01	OF002-120308-01	OF002-120311-01	OF002-120319-01	OF002-120412-01	OF002-120427-01	OF002-120429-01	OF002-120506-01	OF002-120524-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										< 0.00021
PCB-002										< 0.00021
PCB-003										< 0.00021
PCB-004										0.00175
PCB-005										< 0.00021
PCB-006										< 0.00021
PCB-007										< 0.00021
PCB-008										< 0.00021
PCB-009										< 0.00021
PCB-010										< 0.00021
PCB-011										< 0.00127
PCB-012										< 0.00043
PCB-014										< 0.00021
PCB-015										0.00121
PCB-016										0.0004
PCB-017										0.00052
PCB-018										0.00109
PCB-019										0.00087
PCB-020										0.003
PCB-021										< 0.00043
PCB-022										0.00099
PCB-023										< 0.00021
PCB-024										< 0.00021
PCB-025										< 0.00021
PCB-026										< 0.00043
PCB-027										0.00029
PCB-031										0.00111
PCB-032										0.00116
PCB-034										< 0.00021
PCB-035										< 0.00021
PCB-036										< 0.00021
PCB-037										0.00066
PCB-038										< 0.00021
PCB-039										< 0.00021
PCB-040										0.00151

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/28/2012	3/8/2012	3/11/2012	3/19/2012	4/12/2012	4/27/2012	4/29/2012	5/6/2012	5/24/2012
		OF002-120228-01	OF002-120308-01	OF002-120311-01	OF002-120319-01	OF002-120412-01	OF002-120427-01	OF002-120429-01	OF002-120506-01	OF002-120524-01
PCB-042										0.00067
PCB-043										< 0.00085
PCB-044										0.00205
PCB-045										< 0.00085
PCB-046										< 0.00043
PCB-048										< 0.00043
PCB-049										0.00111
PCB-050										< 0.00085
PCB-052										0.00174
PCB-054										< 0.00043
PCB-055										< 0.00043
PCB-056										0.00112
PCB-057										< 0.00043
PCB-058										< 0.00043
PCB-059										< 0.00127
PCB-060										0.00064
PCB-061										0.00232
PCB-063										< 0.00043
PCB-064										0.00112
PCB-066										0.00185
PCB-067										< 0.00043
PCB-068										< 0.00043
PCB-069										
PCB-072										< 0.00043
PCB-077	32598-13-3									< 0.00043
PCB-078										< 0.00043
PCB-079										< 0.00043
PCB-080										< 0.00043
PCB-081	70362-50-4									< 0.00043
PCB-082										< 0.00043
PCB-083										< 0.00043
PCB-084										< 0.00043
PCB-085										< 0.00127
PCB-086										< 0.00255
PCB-088										< 0.00085
PCB-089										< 0.00043
PCB-090										0.00129
PCB-092										< 0.00043
PCB-093										< 0.0017
PCB-094										< 0.00043
PCB-095										0.001
PCB-096										< 0.00043
PCB-099										< 0.00043

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/28/2012	3/8/2012	3/11/2012	3/19/2012	4/12/2012	4/27/2012	4/29/2012	5/6/2012	5/24/2012
		OF002-120228-01	OF002-120308-01	OF002-120311-01	OF002-120319-01	OF002-120412-01	OF002-120427-01	OF002-120429-01	OF002-120506-01	OF002-120524-01
PCB-103										< 0.00043
PCB-104										< 0.00043
PCB-105	32598-14-4									< 0.00043
PCB-106										< 0.00043
PCB-107										< 0.00085
PCB-109										< 0.00043
PCB-110										0.00116
PCB-111										< 0.00043
PCB-112										< 0.00043
PCB-114	74472-37-0									< 0.00043
PCB-118	31508-00-6									0.00081
PCB-119										
PCB-120										< 0.00043
PCB-121										< 0.00043
PCB-122										< 0.00043
PCB-123	65510-44-3									< 0.00043
PCB-126	57465-28-8									< 0.00043
PCB-127										< 0.00043
PCB-128										< 0.00085
PCB-129										0.00395
PCB-130										< 0.00043
PCB-131										< 0.00043
PCB-132										0.00103
PCB-133										< 0.00043
PCB-134										< 0.00085
PCB-136										< 0.00043
PCB-137										< 0.00043
PCB-139										< 0.00085
PCB-141										0.00112
PCB-142										< 0.00043
PCB-144										< 0.00043
PCB-145										< 0.00043
PCB-146										0.00053
PCB-147										0.00285
PCB-148										< 0.00043
PCB-150										< 0.00043
PCB-151										0.00127
PCB-152										< 0.00043
PCB-153										0.0035
PCB-154										< 0.00043
PCB-155										< 0.00043
PCB-156										< 0.00085
PCB-158										< 0.00043

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/28/2012	3/8/2012	3/11/2012	3/19/2012	4/12/2012	4/27/2012	4/29/2012	5/6/2012	5/24/2012
		OF002-120228-01	OF002-120308-01	OF002-120311-01	OF002-120319-01	OF002-120412-01	OF002-120427-01	OF002-120429-01	OF002-120506-01	OF002-120524-01
PCB-159										< 0.00043
PCB-160										< 0.00043
PCB-161										< 0.00043
PCB-162										< 0.00043
PCB-164										< 0.00043
PCB-165										< 0.00043
PCB-167	52663-72-6									< 0.00043
PCB-169	32774-16-6									< 0.00043
PCB-170										0.00189
PCB-171										< 0.00085
PCB-172										< 0.00043
PCB-174										0.00192
PCB-175										< 0.00043
PCB-176										< 0.00043
PCB-177										0.00106
PCB-178										< 0.00043
PCB-179										0.00053
PCB-180										0.0044
PCB-181										< 0.00043
PCB-182										< 0.00043
PCB-183										0.00112
PCB-184										< 0.00043
PCB-186										< 0.00043
PCB-187										0.00187
PCB-188										< 0.00043
PCB-189	39635-31-9									< 0.00043
PCB-190										< 0.00043
PCB-191										< 0.00043
PCB-192										< 0.00043
PCB-194										0.00088
PCB-195										< 0.00064
PCB-196										< 0.00064
PCB-197										< 0.00127
PCB-198										< 0.00127
PCB-201										< 0.00064
PCB-202										< 0.00064
PCB-203										< 0.00064
PCB-204										< 0.00064
PCB-205										< 0.00064
PCB-206										< 0.00064
PCB-207										< 0.00064
PCB-208										< 0.00064
PCB-209										< 0.00064

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF002
		2/28/2012	3/8/2012	3/11/2012	3/19/2012	4/12/2012	4/27/2012	4/29/2012	5/6/2012	5/24/2012
		OF002-120228-01	OF002-120308-01	OF002-120311-01	OF002-120319-01	OF002-120412-01	OF002-120427-01	OF002-120429-01	OF002-120506-01	OF002-120524-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000				< 5000	< 5000		< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										7800
Chemical Oxygen Demand										37400
Total Organic Carbon										3400 H1
Total Settleable Solids			< 0.2				0.5	< 0.2		< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF003	OF003
		5/30/2012	6/11/2012	6/21/2012	7/13/2012	7/26/2012	8/2/2012	8/14/2012	1/5/2010	1/12/2010
		OF002-120530-01	OF002-120611-01	OF002-120621-01	OF002-120713-01	OF002-120726-01	OF002-120802-01	OF002-120814-01	OF003-100105-01	OF003-100112-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0				< 5				< 1	
Trichloroethene	79-01-6				< 5				< 1	
Vinyl Chloride	75-01-4				< 5				< 1	
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5				***996***				***133***	
Aluminum, Dissolved					***375***				< 75	
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3				5.4				< 5	
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6				< 0.2				< 0.2	
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF003	OF003
		5/30/2012	6/11/2012	6/21/2012	7/13/2012	7/26/2012	8/2/2012	8/14/2012	1/5/2010	1/12/2010
		OF002-120530-01	OF002-120611-01	OF002-120621-01	OF002-120713-01	OF002-120726-01	OF002-120802-01	OF002-120814-01	OF003-100105-01	OF003-100112-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF003	OF003
		5/30/2012	6/11/2012	6/21/2012	7/13/2012	7/26/2012	8/2/2012	8/14/2012	1/5/2010	1/12/2010
		OF002-120530-01	OF002-120611-01	OF002-120621-01	OF002-120713-01	OF002-120726-01	OF002-120802-01	OF002-120814-01	OF003-100105-01	OF003-100112-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF003	OF003
		5/30/2012	6/11/2012	6/21/2012	7/13/2012	7/26/2012	8/2/2012	8/14/2012	1/5/2010	1/12/2010
		OF002-120530-01	OF002-120611-01	OF002-120621-01	OF002-120713-01	OF002-120726-01	OF002-120802-01	OF002-120814-01	OF003-100105-01	OF003-100112-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF003	OF003
		5/30/2012	6/11/2012	6/21/2012	7/13/2012	7/26/2012	8/2/2012	8/14/2012	1/5/2010	1/12/2010
		OF002-120530-01	OF002-120611-01	OF002-120621-01	OF002-120713-01	OF002-120726-01	OF002-120802-01	OF002-120814-01	OF003-100105-01	OF003-100112-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF002	OF002	OF002	OF002	OF002	OF002	OF002	OF003	OF003
		5/30/2012	6/11/2012	6/21/2012	7/13/2012	7/26/2012	8/2/2012	8/14/2012	1/5/2010	1/12/2010
		OF002-120530-01	OF002-120611-01	OF002-120621-01	OF002-120713-01	OF002-120726-01	OF002-120802-01	OF002-120814-01	OF003-100105-01	OF003-100112-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000		***10100***		< 5000		< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2		< 0.2			0.7	< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010
		OF003-100119-01	OF003-100126-01	OF003-100202-01	OF003-100209-01	OF003-100216-01	OF003-100223-01	OF003-100302-01	OF003-100309-01	OF003-100316-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									
Trichloroethene	79-01-6									
Vinyl Chloride	75-01-4									
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									
Aluminum, Dissolved										
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010
		OF003-100119-01	OF003-100126-01	OF003-100202-01	OF003-100209-01	OF003-100216-01	OF003-100223-01	OF003-100302-01	OF003-100309-01	OF003-100316-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010
		OF003-100119-01	OF003-100126-01	OF003-100202-01	OF003-100209-01	OF003-100216-01	OF003-100223-01	OF003-100302-01	OF003-100309-01	OF003-100316-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010
		OF003-100119-01	OF003-100126-01	OF003-100202-01	OF003-100209-01	OF003-100216-01	OF003-100223-01	OF003-100302-01	OF003-100309-01	OF003-100316-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010
		OF003-100119-01	OF003-100126-01	OF003-100202-01	OF003-100209-01	OF003-100216-01	OF003-100223-01	OF003-100302-01	OF003-100309-01	OF003-100316-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010	3/9/2010	3/16/2010
		OF003-100119-01	OF003-100126-01	OF003-100202-01	OF003-100209-01	OF003-100216-01	OF003-100223-01	OF003-100302-01	OF003-100309-01	OF003-100316-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000				< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2				< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/26/2010	4/27/2010	5/5/2010
		OF003-100323-01	OF003-100330-01	OF003-100406-01	OF003-100407-01	OF003-100413-01	OF003-100420-01	OF003-100426-01	OF003-100427-01	OF003-100505-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1						< 1
Trichloroethene	79-01-6			< 1						< 1
Vinyl Chloride	75-01-4			< 1						< 1
SVOCs										
Phenolics, Total Recoverable										< 50
Metals and Inorganics										
Aluminum	7429-90-5			***490***						***104***
Aluminum, Dissolved				< 75						
Ammonia	7664-41-7									< 100
Arsenic	7440-38-2									< 10
Barium	7440-39-3									***245***
Beryllium	7440-41-7									< 1
Boron And Borates Only	7440-42-8									< 100
Cadmium	7440-43-9									
Chlorine, Total Residual										< 50
Chromium, Total	7440-47-3			< 5						< 5
Cobalt	7440-48-4									< 5
Copper	7440-50-8									< 10
Cyanide	57-12-5									< 5
Iron	7439-89-6									173
Lead	7439-92-1									< 5
Mercury	7439-97-6			< 0.2						< 0.2
Molybdenum	7439-98-7									
Nickel	7440-02-0									< 5
Nitrate	14797-55-8									2400
Nitrate & Nitrite										
Nitrite	14797-65-0									< 100
Phosphorus	7723-14-0									< 100
Potassium	7440-09-7									4340
Selenium	7782-49-2									< 15
Silicon	7440-21-3									
Silver	7440-22-4									< 7
Strontium, Stable	7440-24-6									1060
Sulfate	14808-79-8									115000
Thallium (Soluble Salts)	7440-28-0									< 20
Titanium	7440-32-6									< 10
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									108

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/26/2010	4/27/2010	5/5/2010
		OF003-100323-01	OF003-100330-01	OF003-100406-01	OF003-100407-01	OF003-100413-01	OF003-100420-01	OF003-100426-01	OF003-100427-01	OF003-100505-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5		< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
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PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/26/2010	4/27/2010	5/5/2010
		OF003-100323-01	OF003-100330-01	OF003-100406-01	OF003-100407-01	OF003-100413-01	OF003-100420-01	OF003-100426-01	OF003-100427-01	OF003-100505-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/26/2010	4/27/2010	5/5/2010
		OF003-100323-01	OF003-100330-01	OF003-100406-01	OF003-100407-01	OF003-100413-01	OF003-100420-01	OF003-100426-01	OF003-100427-01	OF003-100505-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/26/2010	4/27/2010	5/5/2010
		OF003-100323-01	OF003-100330-01	OF003-100406-01	OF003-100407-01	OF003-100413-01	OF003-100420-01	OF003-100426-01	OF003-100427-01	OF003-100505-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/26/2010	4/27/2010	5/5/2010
		OF003-100323-01	OF003-100330-01	OF003-100406-01	OF003-100407-01	OF003-100413-01	OF003-100420-01	OF003-100426-01	OF003-100427-01	OF003-100505-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000				< 5000	< 5000	< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2	< 0.2					< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010
		OF003-100506-01	OF003-100511-01	OF003-100518-01	OF003-100525-01	OF003-100601-01	OF003-100608-01	OF003-100615-01	OF003-100622-01	OF003-100629-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									
Trichloroethene	79-01-6									
Vinyl Chloride	75-01-4									
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									
Aluminum, Dissolved										
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010
		OF003-100506-01	OF003-100511-01	OF003-100518-01	OF003-100525-01	OF003-100601-01	OF003-100608-01	OF003-100615-01	OF003-100622-01	OF003-100629-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001		< 0.00021								
PCB-002		< 0.00021								
PCB-003		< 0.00021								
PCB-004		< 0.00021								
PCB-005		< 0.00021								
PCB-006		< 0.00021								
PCB-007		< 0.00021								
PCB-008		< 0.00021								
PCB-009		< 0.00021								
PCB-010		< 0.00021								
PCB-011		< 0.00127								
PCB-012		< 0.00042								
PCB-014		< 0.00021								
PCB-015		< 0.00021								
PCB-016		< 0.00021								
PCB-017		< 0.00021								
PCB-018		< 0.00042								
PCB-019		< 0.00021								
PCB-020		< 0.00042								
PCB-021		< 0.00042								
PCB-022		< 0.00021								
PCB-023		< 0.00021								
PCB-024		< 0.00021								
PCB-025		< 0.00021								
PCB-026		< 0.00042								
PCB-027		< 0.00021								
PCB-031		< 0.00021								
PCB-032		< 0.00021								
PCB-034		< 0.00021								
PCB-035		< 0.00021								
PCB-036		< 0.00021								
PCB-037		< 0.00021								
PCB-038		< 0.00021								
PCB-039		< 0.00021								
PCB-040		< 0.00127								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010
		OF003-100506-01	OF003-100511-01	OF003-100518-01	OF003-100525-01	OF003-100601-01	OF003-100608-01	OF003-100615-01	OF003-100622-01	OF003-100629-01
PCB-042		< 0.00042								
PCB-043		< 0.00085								
PCB-044		< 0.00127								
PCB-045		< 0.00085								
PCB-046		< 0.00042								
PCB-048		< 0.00042								
PCB-049		< 0.00085								
PCB-050		< 0.00085								
PCB-052		< 0.00042								
PCB-054		< 0.00042								
PCB-055		< 0.00042								
PCB-056		< 0.00042								
PCB-057		< 0.00042								
PCB-058		< 0.00042								
PCB-059		< 0.00127								
PCB-060		< 0.00042								
PCB-061		< 0.00169								
PCB-063		< 0.00042								
PCB-064		< 0.00042								
PCB-066		< 0.00042								
PCB-067		< 0.00042								
PCB-068		< 0.00042								
PCB-069										
PCB-072		< 0.00042								
PCB-077	32598-13-3	< 0.00042								
PCB-078		< 0.00042								
PCB-079		< 0.00042								
PCB-080		< 0.00042								
PCB-081	70362-50-4	< 0.00042								
PCB-082		< 0.00042								
PCB-083		< 0.00042								
PCB-084		< 0.00042								
PCB-085		< 0.00127								
PCB-086		< 0.00254								
PCB-088		< 0.00085								
PCB-089		< 0.00042								
PCB-090		0.00181								
PCB-092		< 0.00042								
PCB-093		< 0.00169								
PCB-094		< 0.00042								
PCB-095		0.00185								
PCB-096		< 0.00042								
PCB-099		< 0.00042								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010
		OF003-100506-01	OF003-100511-01	OF003-100518-01	OF003-100525-01	OF003-100601-01	OF003-100608-01	OF003-100615-01	OF003-100622-01	OF003-100629-01
PCB-103		< 0.00042								
PCB-104		< 0.00042								
PCB-105	32598-14-4	< 0.00042								
PCB-106		< 0.00042								
PCB-107		< 0.00085								
PCB-109		< 0.00042								
PCB-110		0.00099								
PCB-111		< 0.00042								
PCB-112		< 0.00042								
PCB-114	74472-37-0	< 0.00042								
PCB-118	31508-00-6	< 0.00042								
PCB-119										
PCB-120		< 0.00042								
PCB-121		< 0.00042								
PCB-122		< 0.00042								
PCB-123	65510-44-3	< 0.00042								
PCB-126	57465-28-8	< 0.00042								
PCB-127		< 0.00042								
PCB-128		< 0.00085								
PCB-129		0.00375								
PCB-130		< 0.00042								
PCB-131		< 0.00042								
PCB-132		0.0011								
PCB-133		< 0.00042								
PCB-134		< 0.00085								
PCB-136		0.00067								
PCB-137		< 0.00042								
PCB-139		< 0.00085								
PCB-141		0.00088								
PCB-142		< 0.00042								
PCB-144		< 0.00042								
PCB-145		< 0.00042								
PCB-146		0.0005								
PCB-147		0.00381								
PCB-148		< 0.00042								
PCB-150		< 0.00042								
PCB-151		0.00187								
PCB-152		< 0.00042								
PCB-153		0.00411								
PCB-154		< 0.00042								
PCB-155		< 0.00042								
PCB-156		< 0.00085								
PCB-158		< 0.00042								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010
		OF003-100506-01	OF003-100511-01	OF003-100518-01	OF003-100525-01	OF003-100601-01	OF003-100608-01	OF003-100615-01	OF003-100622-01	OF003-100629-01
PCB-159		< 0.00042								
PCB-160		< 0.00042								
PCB-161		< 0.00042								
PCB-162		< 0.00042								
PCB-164		< 0.00042								
PCB-165		< 0.00042								
PCB-167	52663-72-6	< 0.00042								
PCB-169	32774-16-6	< 0.00042								
PCB-170		0.00121								
PCB-171		< 0.00085								
PCB-172		< 0.00042								
PCB-174		0.00135								
PCB-175		< 0.00042								
PCB-176		< 0.00042								
PCB-177		0.00073								
PCB-178		< 0.00042								
PCB-179		0.00054								
PCB-180		0.00269								
PCB-181		< 0.00042								
PCB-182		< 0.00042								
PCB-183		< 0.00085								
PCB-184		< 0.00042								
PCB-186		< 0.00042								
PCB-187		0.00136								
PCB-188		< 0.00042								
PCB-189	39635-31-9	< 0.00042								
PCB-190		< 0.00042								
PCB-191		< 0.00042								
PCB-192		< 0.00042								
PCB-194		< 0.00063								
PCB-195		< 0.00063								
PCB-196		< 0.00063								
PCB-197		< 0.00127								
PCB-198		< 0.00127								
PCB-201		< 0.00063								
PCB-202		< 0.00063								
PCB-203		< 0.00063								
PCB-204		< 0.00063								
PCB-205		< 0.00063								
PCB-206		< 0.00063								
PCB-207		< 0.00063								
PCB-208		< 0.00063								
PCB-209		< 0.00063								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010	6/29/2010
		OF003-100506-01	OF003-100511-01	OF003-100518-01	OF003-100525-01	OF003-100601-01	OF003-100608-01	OF003-100615-01	OF003-100622-01	OF003-100629-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease							< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand		2500								
Chemical Oxygen Demand		< 10000								
Total Organic Carbon		< 1000								
Total Settleable Solids							< 0.2			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010
		OF003-100706-01	OF003-100713-01	OF003-100720-01	OF003-100727-01	OF003-100803-01	OF003-100810-01	OF003-100817-01	OF003-100824-01	OF003-100831-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0		< 1							
Trichloroethene	79-01-6		< 1							
Vinyl Chloride	75-01-4		< 1							
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5		***111***							
Aluminum, Dissolved			< 75							
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3		< 5							
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6		< 0.2							
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010
		OF003-100706-01	OF003-100713-01	OF003-100720-01	OF003-100727-01	OF003-100803-01	OF003-100810-01	OF003-100817-01	OF003-100824-01	OF003-100831-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010
		OF003-100706-01	OF003-100713-01	OF003-100720-01	OF003-100727-01	OF003-100803-01	OF003-100810-01	OF003-100817-01	OF003-100824-01	OF003-100831-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010
		OF003-100706-01	OF003-100713-01	OF003-100720-01	OF003-100727-01	OF003-100803-01	OF003-100810-01	OF003-100817-01	OF003-100824-01	OF003-100831-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010
		OF003-100706-01	OF003-100713-01	OF003-100720-01	OF003-100727-01	OF003-100803-01	OF003-100810-01	OF003-100817-01	OF003-100824-01	OF003-100831-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010	8/31/2010
		OF003-100706-01	OF003-100713-01	OF003-100720-01	OF003-100727-01	OF003-100803-01	OF003-100810-01	OF003-100817-01	OF003-100824-01	OF003-100831-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000			< 5000				
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2			< 0.2				

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010
		OF003-100907-01	OF003-100914-01	OF003-100921-01	OF003-100922-01	OF003-100928-01	OF003-101005-01	OF003-101012-01	OF003-101019-01	OF003-101026-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0		< 1							
Trichloroethene	79-01-6		< 1							
Vinyl Chloride	75-01-4		< 1							
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5		***215***							
Aluminum, Dissolved			< 75							
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3		< 5							
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6		< 0.2							
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010
		OF003-100907-01	OF003-100914-01	OF003-100921-01	OF003-100922-01	OF003-100928-01	OF003-101005-01	OF003-101012-01	OF003-101019-01	OF003-101026-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001					< 0.00022					
PCB-002					< 0.00022					
PCB-003					< 0.00022					
PCB-004					< 0.00022					
PCB-005					< 0.00022					
PCB-006					< 0.00022					
PCB-007					< 0.00022					
PCB-008					< 0.00022					
PCB-009					< 0.00022					
PCB-010					< 0.00022					
PCB-011					< 0.00134					
PCB-012					< 0.00045					
PCB-014					< 0.00022					
PCB-015					< 0.00022					
PCB-016					< 0.00022					
PCB-017					< 0.00022					
PCB-018					< 0.00045					
PCB-019					< 0.00022					
PCB-020					< 0.00045					
PCB-021					< 0.00045					
PCB-022					< 0.00022					
PCB-023					< 0.00022					
PCB-024					< 0.00022					
PCB-025					< 0.00022					
PCB-026					< 0.00045					
PCB-027					< 0.00022					
PCB-031					< 0.00022					
PCB-032					< 0.00022					
PCB-034					< 0.00022					
PCB-035					< 0.00022					
PCB-036					< 0.00022					
PCB-037					< 0.00022					
PCB-038					< 0.00022					
PCB-039					< 0.00022					
PCB-040					< 0.00134					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010
		OF003-100907-01	OF003-100914-01	OF003-100921-01	OF003-100922-01	OF003-100928-01	OF003-101005-01	OF003-101012-01	OF003-101019-01	OF003-101026-01
PCB-042					< 0.00045					
PCB-043					< 0.0009					
PCB-044					< 0.00134					
PCB-045					< 0.0009					
PCB-046					< 0.00045					
PCB-048					< 0.00045					
PCB-049					< 0.0009					
PCB-050					< 0.0009					
PCB-052					< 0.00045					
PCB-054					< 0.00045					
PCB-055					< 0.00045					
PCB-056					< 0.00045					
PCB-057					< 0.00045					
PCB-058					< 0.00045					
PCB-059					< 0.00134					
PCB-060					< 0.00045					
PCB-061					< 0.00179					
PCB-063					< 0.00045					
PCB-064					< 0.00045					
PCB-066					< 0.00045					
PCB-067					< 0.00045					
PCB-068					< 0.00045					
PCB-069										
PCB-072					< 0.00045					
PCB-077	32598-13-3				< 0.00045					
PCB-078					< 0.00045					
PCB-079					< 0.00045					
PCB-080					< 0.00045					
PCB-081	70362-50-4				< 0.00045					
PCB-082					< 0.00043					
PCB-083					< 0.00043					
PCB-084					< 0.00043					
PCB-085					< 0.00128					
PCB-086					< 0.00255					
PCB-088					< 0.00085					
PCB-089					< 0.00043					
PCB-090					0.00246					
PCB-092					< 0.00043					
PCB-093					< 0.0017					
PCB-094					< 0.00043					
PCB-095					0.00275					
PCB-096					< 0.00043					
PCB-099					< 0.00043					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010
		OF003-100907-01	OF003-100914-01	OF003-100921-01	OF003-100922-01	OF003-100928-01	OF003-101005-01	OF003-101012-01	OF003-101019-01	OF003-101026-01
PCB-103					< 0.00043					
PCB-104					< 0.00043					
PCB-105	32598-14-4				< 0.00043					
PCB-106					< 0.00043					
PCB-107					< 0.00085					
PCB-109					< 0.00043					
PCB-110					0.00134					
PCB-111					< 0.00043					
PCB-112					< 0.00043					
PCB-114	74472-37-0				< 0.00043					
PCB-118	31508-00-6				0.00047					
PCB-119										
PCB-120					< 0.00043					
PCB-121					< 0.00043					
PCB-122					< 0.00043					
PCB-123	65510-44-3				< 0.00043					
PCB-126	57465-28-8				< 0.00043					
PCB-127					< 0.00043					
PCB-128					< 0.00085					
PCB-129					0.00469					
PCB-130					< 0.00043					
PCB-131					< 0.00043					
PCB-132					0.00158					
PCB-133					< 0.00043					
PCB-134					< 0.00085					
PCB-136					0.00104					
PCB-137					< 0.00043					
PCB-139					< 0.00085					
PCB-141					0.00131					
PCB-142					< 0.00043					
PCB-144					< 0.00043					
PCB-145					< 0.00043					
PCB-146					0.00068					
PCB-147					0.00387					
PCB-148					< 0.00043					
PCB-150					< 0.00043					
PCB-151					0.0027					
PCB-152					< 0.00043					
PCB-153					0.00483					
PCB-154					< 0.00043					
PCB-155					< 0.00043					
PCB-156					< 0.00085					
PCB-158					< 0.00043					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010
		OF003-100907-01	OF003-100914-01	OF003-100921-01	OF003-100922-01	OF003-100928-01	OF003-101005-01	OF003-101012-01	OF003-101019-01	OF003-101026-01
PCB-159					< 0.00043					
PCB-160					< 0.00043					
PCB-161					< 0.00043					
PCB-162					< 0.00043					
PCB-164					< 0.00043					
PCB-165					< 0.00043					
PCB-167	52663-72-6				< 0.00043					
PCB-169	32774-16-6				< 0.00043					
PCB-170					0.00121					
PCB-171					< 0.00085					
PCB-172					< 0.00043					
PCB-174					0.00148					
PCB-175					< 0.00043					
PCB-176					< 0.00043					
PCB-177					0.00086					
PCB-178					< 0.00043					
PCB-179					0.00072					
PCB-180					0.00271					
PCB-181					< 0.00043					
PCB-182					< 0.00043					
PCB-183					< 0.00085					
PCB-184					< 0.00043					
PCB-186					< 0.00043					
PCB-187					0.00169					
PCB-188					< 0.00043					
PCB-189	39635-31-9				< 0.00043					
PCB-190					< 0.00043					
PCB-191					< 0.00043					
PCB-192					< 0.00043					
PCB-194					< 0.00064					
PCB-195					< 0.00064					
PCB-196					< 0.00064					
PCB-197					< 0.00128					
PCB-198					< 0.00128					
PCB-201					< 0.00064					
PCB-202					< 0.00064					
PCB-203					< 0.00064					
PCB-204					< 0.00064					
PCB-205					< 0.00064					
PCB-206					< 0.00067					
PCB-207					< 0.00067					
PCB-208					< 0.00067					
PCB-209					< 0.00067					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010	10/19/2010	10/26/2010
		OF003-100907-01	OF003-100914-01	OF003-100921-01	OF003-100922-01	OF003-100928-01	OF003-101005-01	OF003-101012-01	OF003-101019-01	OF003-101026-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000	< 5000				< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids		< 0.2	< 0.2				< 0.2			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/16/2010	12/21/2010	12/28/2010
		OF003-101102-01	OF003-101109-01	OF003-101116-01	OF003-101123-01	OF003-101130-01	OF003-101207-01	OF003-101216-01	OF003-101221-01	OF003-101228-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0						1.6			
Trichloroethene	79-01-6						< 1			
Vinyl Chloride	75-01-4						4			
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5						< 75			
Aluminum, Dissolved							< 75			
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3						< 5			
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6						< 0.2			
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/16/2010	12/21/2010	12/28/2010
		OF003-101102-01	OF003-101109-01	OF003-101116-01	OF003-101123-01	OF003-101130-01	OF003-101207-01	OF003-101216-01	OF003-101221-01	OF003-101228-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/16/2010	12/21/2010	12/28/2010
		OF003-101102-01	OF003-101109-01	OF003-101116-01	OF003-101123-01	OF003-101130-01	OF003-101207-01	OF003-101216-01	OF003-101221-01	OF003-101228-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/16/2010	12/21/2010	12/28/2010
		OF003-101102-01	OF003-101109-01	OF003-101116-01	OF003-101123-01	OF003-101130-01	OF003-101207-01	OF003-101216-01	OF003-101221-01	OF003-101228-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/16/2010	12/21/2010	12/28/2010
		OF003-101102-01	OF003-101109-01	OF003-101116-01	OF003-101123-01	OF003-101130-01	OF003-101207-01	OF003-101216-01	OF003-101221-01	OF003-101228-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/16/2010	12/21/2010	12/28/2010
		OF003-101102-01	OF003-101109-01	OF003-101116-01	OF003-101123-01	OF003-101130-01	OF003-101207-01	OF003-101216-01	OF003-101221-01	OF003-101228-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000					< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids		< 0.2					< 0.2			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/4/2011	1/11/2011	1/18/2011	1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011
		OF003-110104-01	OF003-110111-01	OF003-110118-01	OF003-110125-01	OF003-110204-01	OF003-110208-01	OF003-110215-01	OF003-110222-01	OF003-110301-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									< 1
Trichloroethene	79-01-6									1.2
Vinyl Chloride	75-01-4									< 1
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									***520***
Aluminum, Dissolved										< 75
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									< 5
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									< 0.2
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/4/2011	1/11/2011	1/18/2011	1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011
		OF003-110104-01	OF003-110111-01	OF003-110118-01	OF003-110125-01	OF003-110204-01	OF003-110208-01	OF003-110215-01	OF003-110222-01	OF003-110301-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/4/2011	1/11/2011	1/18/2011	1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011
		OF003-110104-01	OF003-110111-01	OF003-110118-01	OF003-110125-01	OF003-110204-01	OF003-110208-01	OF003-110215-01	OF003-110222-01	OF003-110301-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/4/2011	1/11/2011	1/18/2011	1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011
		OF003-110104-01	OF003-110111-01	OF003-110118-01	OF003-110125-01	OF003-110204-01	OF003-110208-01	OF003-110215-01	OF003-110222-01	OF003-110301-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/4/2011	1/11/2011	1/18/2011	1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011
		OF003-110104-01	OF003-110111-01	OF003-110118-01	OF003-110125-01	OF003-110204-01	OF003-110208-01	OF003-110215-01	OF003-110222-01	OF003-110301-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		1/4/2011	1/11/2011	1/18/2011	1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011
		OF003-110104-01	OF003-110111-01	OF003-110118-01	OF003-110125-01	OF003-110204-01	OF003-110208-01	OF003-110215-01	OF003-110222-01	OF003-110301-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000					< 5000			< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids		< 0.2					< 0.2			< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/8/2011	3/15/2011	3/22/2011	3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011
		OF003-110308-01	OF003-110315-01	OF003-110322-01	OF003-110329-01	OF003-110405-01	OF003-110412-01	OF003-110419-01	OF003-110426-01	OF003-110503-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									
Trichloroethene	79-01-6									
Vinyl Chloride	75-01-4									
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									
Aluminum, Dissolved										
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/8/2011	3/15/2011	3/22/2011	3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011
		OF003-110308-01	OF003-110315-01	OF003-110322-01	OF003-110329-01	OF003-110405-01	OF003-110412-01	OF003-110419-01	OF003-110426-01	OF003-110503-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
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PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/8/2011	3/15/2011	3/22/2011	3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011
		OF003-110308-01	OF003-110315-01	OF003-110322-01	OF003-110329-01	OF003-110405-01	OF003-110412-01	OF003-110419-01	OF003-110426-01	OF003-110503-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/8/2011	3/15/2011	3/22/2011	3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011
		OF003-110308-01	OF003-110315-01	OF003-110322-01	OF003-110329-01	OF003-110405-01	OF003-110412-01	OF003-110419-01	OF003-110426-01	OF003-110503-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/8/2011	3/15/2011	3/22/2011	3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011
		OF003-110308-01	OF003-110315-01	OF003-110322-01	OF003-110329-01	OF003-110405-01	OF003-110412-01	OF003-110419-01	OF003-110426-01	OF003-110503-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		3/8/2011	3/15/2011	3/22/2011	3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011
		OF003-110308-01	OF003-110315-01	OF003-110322-01	OF003-110329-01	OF003-110405-01	OF003-110412-01	OF003-110419-01	OF003-110426-01	OF003-110503-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease						< 5000				< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids						< 0.2				< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/4/2011	5/5/2011	5/10/2011	5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011
		OF003-110504-01	OF003-110505-01	OF003-110510-01	OF003-110517-01	OF003-110524-01	OF003-110531-01	OF003-110607-01	OF003-110614-01	OF003-110621-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0	< 1						< 1		
Trichloroethene	79-01-6	< 1						< 1		
Vinyl Chloride	75-01-4	< 1						< 1		
SVOCs										
Phenolics, Total Recoverable		< 50								
Metals and Inorganics										
Aluminum	7429-90-5	< 75						< 75		
Aluminum, Dissolved		< 75						< 75		
Ammonia	7664-41-7	< 100								
Arsenic	7440-38-2	< 10								
Barium	7440-39-3	***270***								
Beryllium	7440-41-7	< 1								
Boron And Borates Only	7440-42-8	< 100								
Cadmium	7440-43-9									
Chlorine, Total Residual		< 50								
Chromium, Total	7440-47-3	< 5						< 5		
Cobalt	7440-48-4	< 5								
Copper	7440-50-8	< 10								
Cyanide	57-12-5	< 5								
Iron	7439-89-6	195								
Lead	7439-92-1	< 5								
Mercury	7439-97-6	< 0.2						< 0.2		
Molybdenum	7439-98-7									
Nickel	7440-02-0	< 5								
Nitrate	14797-55-8	2400								
Nitrate & Nitrite										
Nitrite	14797-65-0	< 100								
Phosphorus	7723-14-0	< 100								
Potassium	7440-09-7	2520								
Selenium	7782-49-2	< 15								
Silicon	7440-21-3									
Silver	7440-22-4	< 7								
Strontium, Stable	7440-24-6	775								
Sulfate	14808-79-8	51800								
Thallium (Soluble Salts)	7440-28-0	< 20								
Titanium	7440-32-6	< 10								
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6	< 50								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/4/2011	5/5/2011	5/10/2011	5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011
		OF003-110504-01	OF003-110505-01	OF003-110510-01	OF003-110517-01	OF003-110524-01	OF003-110531-01	OF003-110607-01	OF003-110614-01	OF003-110621-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001			< 0.00026							
PCB-002			< 0.00026							
PCB-003			< 0.00026							
PCB-004			0.00051							
PCB-005			< 0.00026							
PCB-006			< 0.00026							
PCB-007			< 0.00026							
PCB-008			0.00114							
PCB-009			< 0.00026							
PCB-010			< 0.00026							
PCB-011			< 0.00157							
PCB-012			< 0.00052							
PCB-014			< 0.00026							
PCB-015			< 0.00026							
PCB-016			0.00027							
PCB-017			0.00035							
PCB-018			0.00083							
PCB-019			< 0.00026							
PCB-020			0.00067							
PCB-021			< 0.00052							
PCB-022			0.00028							
PCB-023			< 0.00026							
PCB-024			< 0.00026							
PCB-025			< 0.00026							
PCB-026			< 0.00052							
PCB-027			< 0.00026							
PCB-031			0.00055							
PCB-032			< 0.00026							
PCB-034			< 0.00026							
PCB-035			< 0.00026							
PCB-036			< 0.00026							
PCB-037			< 0.00026							
PCB-038			< 0.00026							
PCB-039			< 0.00026							
PCB-040			< 0.00157							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/4/2011	5/5/2011	5/10/2011	5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011
		OF003-110504-01	OF003-110505-01	OF003-110510-01	OF003-110517-01	OF003-110524-01	OF003-110531-01	OF003-110607-01	OF003-110614-01	OF003-110621-01
PCB-042			< 0.00052							
PCB-043			< 0.00104							
PCB-044			< 0.00157							
PCB-045			< 0.00104							
PCB-046			< 0.00052							
PCB-048			< 0.00052							
PCB-049			< 0.00104							
PCB-050			< 0.00104							
PCB-052			< 0.00052							
PCB-054			< 0.00052							
PCB-055			< 0.00052							
PCB-056			< 0.00052							
PCB-057			< 0.00052							
PCB-058			< 0.00052							
PCB-059			< 0.00157							
PCB-060			< 0.00052							
PCB-061			< 0.00209							
PCB-063			< 0.00052							
PCB-064			< 0.00052							
PCB-066			< 0.00052							
PCB-067			< 0.00052							
PCB-068			< 0.00052							
PCB-069										
PCB-072			< 0.00052							
PCB-077	32598-13-3		< 0.00052							
PCB-078			< 0.00052							
PCB-079			< 0.00052							
PCB-080			< 0.00052							
PCB-081	70362-50-4		< 0.00052							
PCB-082			< 0.00052							
PCB-083			< 0.00052							
PCB-084			< 0.00052							
PCB-085			< 0.00157							
PCB-086			< 0.00313							
PCB-088			< 0.00104							
PCB-089			< 0.00052							
PCB-090			< 0.00157							
PCB-092			< 0.00052							
PCB-093			< 0.00209							
PCB-094			< 0.00052							
PCB-095			< 0.00052							
PCB-096			< 0.00052							
PCB-099			< 0.00052							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/4/2011	5/5/2011	5/10/2011	5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011
		OF003-110504-01	OF003-110505-01	OF003-110510-01	OF003-110517-01	OF003-110524-01	OF003-110531-01	OF003-110607-01	OF003-110614-01	OF003-110621-01
PCB-103			< 0.00052							
PCB-104			< 0.00052							
PCB-105	32598-14-4		< 0.00052							
PCB-106			< 0.00052							
PCB-107			< 0.00104							
PCB-109			< 0.00052							
PCB-110			< 0.00104							
PCB-111			< 0.00052							
PCB-112			< 0.00052							
PCB-114	74472-37-0		< 0.00052							
PCB-118	31508-00-6		< 0.00052							
PCB-119										
PCB-120			< 0.00052							
PCB-121			< 0.00052							
PCB-122			< 0.00052							
PCB-123	65510-44-3		< 0.00052							
PCB-126	57465-28-8		< 0.00052							
PCB-127			< 0.00052							
PCB-128			< 0.00104							
PCB-129			< 0.00157							
PCB-130			< 0.00052							
PCB-131			< 0.00052							
PCB-132			< 0.00052							
PCB-133			< 0.00052							
PCB-134			< 0.00104							
PCB-136			< 0.00052							
PCB-137			< 0.00052							
PCB-139			< 0.00104							
PCB-141			< 0.00052							
PCB-142			< 0.00052							
PCB-144			< 0.00052							
PCB-145			< 0.00052							
PCB-146			< 0.00052							
PCB-147			< 0.00104							
PCB-148			< 0.00052							
PCB-150			< 0.00052							
PCB-151			< 0.00104							
PCB-152			< 0.00052							
PCB-153			< 0.00104							
PCB-154			< 0.00052							
PCB-155			< 0.00052							
PCB-156			< 0.00104							
PCB-158			< 0.00052							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/4/2011	5/5/2011	5/10/2011	5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011
		OF003-110504-01	OF003-110505-01	OF003-110510-01	OF003-110517-01	OF003-110524-01	OF003-110531-01	OF003-110607-01	OF003-110614-01	OF003-110621-01
PCB-159			< 0.00052							
PCB-160			< 0.00052							
PCB-161			< 0.00052							
PCB-162			< 0.00052							
PCB-164			< 0.00052							
PCB-165			< 0.00052							
PCB-167	52663-72-6		< 0.00052							
PCB-169	32774-16-6		< 0.00052							
PCB-170			< 0.00052							
PCB-171			< 0.00104							
PCB-172			< 0.00052							
PCB-174			< 0.00052							
PCB-175			< 0.00052							
PCB-176			< 0.00052							
PCB-177			< 0.00052							
PCB-178			< 0.00052							
PCB-179			< 0.00052							
PCB-180			< 0.00104							
PCB-181			< 0.00052							
PCB-182			< 0.00052							
PCB-183			< 0.00104							
PCB-184			< 0.00052							
PCB-186			< 0.00052							
PCB-187			< 0.00052							
PCB-188			< 0.00052							
PCB-189	39635-31-9		< 0.00052							
PCB-190			< 0.00052							
PCB-191			< 0.00052							
PCB-192			< 0.00052							
PCB-194			< 0.00078							
PCB-195			< 0.00078							
PCB-196			< 0.00078							
PCB-197			< 0.00157							
PCB-198			< 0.00157							
PCB-201			< 0.00078							
PCB-202			< 0.00078							
PCB-203			< 0.00078							
PCB-204			< 0.00078							
PCB-205			< 0.00078							
PCB-206			< 0.00078							
PCB-207			< 0.00078							
PCB-208			< 0.00078							
PCB-209			< 0.00078							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/4/2011	5/5/2011	5/10/2011	5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011
		OF003-110504-01	OF003-110505-01	OF003-110510-01	OF003-110517-01	OF003-110524-01	OF003-110531-01	OF003-110607-01	OF003-110614-01	OF003-110621-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000						< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand			< 2000							
Chemical Oxygen Demand			12800							
Total Organic Carbon			1200							
Total Settleable Solids		< 0.2						< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/28/2011	7/5/2011	7/12/2011	7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011
		OF003-110628-01	OF003-110705-01	OF003-110712-01	OF003-110719-01	OF003-110726-01	OF003-110802-01	OF003-110809-01	OF003-110816-01	OF003-110823-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									
Trichloroethene	79-01-6									
Vinyl Chloride	75-01-4									
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									
Aluminum, Dissolved										
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/28/2011	7/5/2011	7/12/2011	7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011
		OF003-110628-01	OF003-110705-01	OF003-110712-01	OF003-110719-01	OF003-110726-01	OF003-110802-01	OF003-110809-01	OF003-110816-01	OF003-110823-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/28/2011	7/5/2011	7/12/2011	7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011
		OF003-110628-01	OF003-110705-01	OF003-110712-01	OF003-110719-01	OF003-110726-01	OF003-110802-01	OF003-110809-01	OF003-110816-01	OF003-110823-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/28/2011	7/5/2011	7/12/2011	7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011
		OF003-110628-01	OF003-110705-01	OF003-110712-01	OF003-110719-01	OF003-110726-01	OF003-110802-01	OF003-110809-01	OF003-110816-01	OF003-110823-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/28/2011	7/5/2011	7/12/2011	7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011
		OF003-110628-01	OF003-110705-01	OF003-110712-01	OF003-110719-01	OF003-110726-01	OF003-110802-01	OF003-110809-01	OF003-110816-01	OF003-110823-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/28/2011	7/5/2011	7/12/2011	7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011
		OF003-110628-01	OF003-110705-01	OF003-110712-01	OF003-110719-01	OF003-110726-01	OF003-110802-01	OF003-110809-01	OF003-110816-01	OF003-110823-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000				< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2				< 0.2			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		8/30/2011	9/6/2011	9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011
		OF003-110830-01	OF003-110906-01	OF003-110913-01	OF003-110920-01	OF003-110927-01	OF003-111004-01	OF003-111005-01	OF003-111011-01	OF003-111018-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0		< 1							
Trichloroethene	79-01-6		< 1							
Vinyl Chloride	75-01-4		< 1							
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5		***126***							
Aluminum, Dissolved			***137*** D9							
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3		< 5							
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6		< 0.2							
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		8/30/2011	9/6/2011	9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011
		OF003-110830-01	OF003-110906-01	OF003-110913-01	OF003-110920-01	OF003-110927-01	OF003-111004-01	OF003-111005-01	OF003-111011-01	OF003-111018-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 1	< 0.5
PCB-001								< 0.00021		
PCB-002								< 0.00021		
PCB-003								< 0.00021		
PCB-004								< 0.00021		
PCB-005								< 0.00021		
PCB-006								< 0.00021		
PCB-007								< 0.00021		
PCB-008								< 0.00021		
PCB-009								< 0.00021		
PCB-010								< 0.00021		
PCB-011								< 0.00125		
PCB-012								< 0.00042		
PCB-014								< 0.00021		
PCB-015								< 0.00021		
PCB-016								< 0.00021		
PCB-017								< 0.00021		
PCB-018								< 0.00042		
PCB-019								< 0.00021		
PCB-020								< 0.00042		
PCB-021								< 0.00042		
PCB-022								< 0.00021		
PCB-023								< 0.00021		
PCB-024								< 0.00021		
PCB-025								< 0.00021		
PCB-026								< 0.00042		
PCB-027								< 0.00021		
PCB-031								< 0.00021		
PCB-032								< 0.00021		
PCB-034								< 0.00021		
PCB-035								< 0.00021		
PCB-036								< 0.00021		
PCB-037								< 0.00021		
PCB-038								< 0.00021		
PCB-039								< 0.00021		
PCB-040								< 0.00125		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		8/30/2011	9/6/2011	9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011
		OF003-110830-01	OF003-110906-01	OF003-110913-01	OF003-110920-01	OF003-110927-01	OF003-111004-01	OF003-111005-01	OF003-111011-01	OF003-111018-01
PCB-042								< 0.00042		
PCB-043								< 0.00083		
PCB-044								< 0.00125		
PCB-045								< 0.00083		
PCB-046								< 0.00042		
PCB-048								< 0.00042		
PCB-049								< 0.00083		
PCB-050								< 0.00083		
PCB-052								< 0.00042		
PCB-054								< 0.00042		
PCB-055								< 0.00042		
PCB-056								< 0.00042		
PCB-057								< 0.00042		
PCB-058								< 0.00042		
PCB-059								< 0.00125		
PCB-060								< 0.00042		
PCB-061								< 0.00167		
PCB-063								< 0.00042		
PCB-064								< 0.00042		
PCB-066								< 0.00042		
PCB-067								< 0.00042		
PCB-068								< 0.00042		
PCB-069										
PCB-072								< 0.00042		
PCB-077	32598-13-3							< 0.00042		
PCB-078								< 0.00042		
PCB-079								< 0.00042		
PCB-080								< 0.00042		
PCB-081	70362-50-4							< 0.00042		
PCB-082								< 0.00042		
PCB-083								< 0.00042		
PCB-084								< 0.00042		
PCB-085								< 0.00125		
PCB-086								< 0.0025		
PCB-088								< 0.00083		
PCB-089								< 0.00042		
PCB-090								< 0.00125		
PCB-092								< 0.00042		
PCB-093								< 0.00167		
PCB-094								< 0.00042		
PCB-095								< 0.00042		
PCB-096								< 0.00042		
PCB-099								< 0.00042		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		8/30/2011	9/6/2011	9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011
		OF003-110830-01	OF003-110906-01	OF003-110913-01	OF003-110920-01	OF003-110927-01	OF003-111004-01	OF003-111005-01	OF003-111011-01	OF003-111018-01
PCB-103								< 0.00042		
PCB-104								< 0.00042		
PCB-105	32598-14-4							< 0.00042		
PCB-106								< 0.00042		
PCB-107								< 0.00083		
PCB-109								< 0.00042		
PCB-110								< 0.00083		
PCB-111								< 0.00042		
PCB-112								< 0.00042		
PCB-114	74472-37-0							< 0.00042		
PCB-118	31508-00-6							< 0.00042		
PCB-119										
PCB-120								< 0.00042		
PCB-121								< 0.00042		
PCB-122								< 0.00042		
PCB-123	65510-44-3							< 0.00042		
PCB-126	57465-28-8							< 0.00042		
PCB-127								< 0.00042		
PCB-128								< 0.00083		
PCB-129								< 0.00125		
PCB-130								< 0.00042		
PCB-131								< 0.00042		
PCB-132								< 0.00042		
PCB-133								< 0.00042		
PCB-134								< 0.00083		
PCB-136								< 0.00042		
PCB-137								< 0.00042		
PCB-139								< 0.00083		
PCB-141								< 0.00042		
PCB-142								< 0.00042		
PCB-144								< 0.00042		
PCB-145								< 0.00042		
PCB-146								< 0.00042		
PCB-147								< 0.00083		
PCB-148								< 0.00042		
PCB-150								< 0.00042		
PCB-151								< 0.00083		
PCB-152								< 0.00042		
PCB-153								< 0.00083		
PCB-154								< 0.00042		
PCB-155								< 0.00042		
PCB-156								< 0.00083		
PCB-158								< 0.00042		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		8/30/2011	9/6/2011	9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011
		OF003-110830-01	OF003-110906-01	OF003-110913-01	OF003-110920-01	OF003-110927-01	OF003-111004-01	OF003-111005-01	OF003-111011-01	OF003-111018-01
PCB-159								< 0.00042		
PCB-160								< 0.00042		
PCB-161								< 0.00042		
PCB-162								< 0.00042		
PCB-164								< 0.00042		
PCB-165								< 0.00042		
PCB-167	52663-72-6							< 0.00042		
PCB-169	32774-16-6							< 0.00042		
PCB-170								< 0.00042		
PCB-171								< 0.00083		
PCB-172								< 0.00042		
PCB-174								< 0.00042		
PCB-175								< 0.00042		
PCB-176								< 0.00042		
PCB-177								< 0.00042		
PCB-178								< 0.00042		
PCB-179								< 0.00042		
PCB-180								< 0.00083		
PCB-181								< 0.00042		
PCB-182								< 0.00042		
PCB-183								< 0.00083		
PCB-184								< 0.00042		
PCB-186								< 0.00042		
PCB-187								< 0.00042		
PCB-188								< 0.00042		
PCB-189	39635-31-9							< 0.00042		
PCB-190								< 0.00042		
PCB-191								< 0.00042		
PCB-192								< 0.00042		
PCB-194								< 0.00063		
PCB-195								< 0.00063		
PCB-196								< 0.00063		
PCB-197								< 0.00125		
PCB-198								< 0.00125		
PCB-201								< 0.00063		
PCB-202								< 0.00063		
PCB-203								< 0.00063		
PCB-204								< 0.00063		
PCB-205								< 0.00063		
PCB-206								< 0.00063		
PCB-207								< 0.00063		
PCB-208								< 0.00063		
PCB-209								< 0.00063		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		8/30/2011	9/6/2011	9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011
		OF003-110830-01	OF003-110906-01	OF003-110913-01	OF003-110920-01	OF003-110927-01	OF003-111004-01	OF003-111005-01	OF003-111011-01	OF003-111018-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000				< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2				< 0.2			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		10/25/2011	11/1/2011	11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011
		OF003-111025-01	OF003-111101-01	OF003-111108-01	OF003-111116-01	OF003-111122-01	OF003-111129-01	OF003-111207-01	OF003-111213-01	OF003-111220-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0							< 1		
Trichloroethene	79-01-6							< 1		
Vinyl Chloride	75-01-4							< 1		
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5							< 75		
Aluminum, Dissolved								< 75		
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3							< 5		
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6							< 0.2		
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		10/25/2011	11/1/2011	11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011
		OF003-111025-01	OF003-111101-01	OF003-111108-01	OF003-111116-01	OF003-111122-01	OF003-111129-01	OF003-111207-01	OF003-111213-01	OF003-111220-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		10/25/2011	11/1/2011	11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011
		OF003-111025-01	OF003-111101-01	OF003-111108-01	OF003-111116-01	OF003-111122-01	OF003-111129-01	OF003-111207-01	OF003-111213-01	OF003-111220-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		10/25/2011	11/1/2011	11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011
		OF003-111025-01	OF003-111101-01	OF003-111108-01	OF003-111116-01	OF003-111122-01	OF003-111129-01	OF003-111207-01	OF003-111213-01	OF003-111220-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		10/25/2011	11/1/2011	11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011
		OF003-111025-01	OF003-111101-01	OF003-111108-01	OF003-111116-01	OF003-111122-01	OF003-111129-01	OF003-111207-01	OF003-111213-01	OF003-111220-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		10/25/2011	11/1/2011	11/8/2011	11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011
		OF003-111025-01	OF003-111101-01	OF003-111108-01	OF003-111116-01	OF003-111122-01	OF003-111129-01	OF003-111207-01	OF003-111213-01	OF003-111220-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000					< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2					< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		12/27/2011	1/3/2012	1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012
		OF003-111227-01	OF003-120103-01	OF003-120110-01	OF003-120117-01	OF003-120124-01	OF003-120131-01	OF003-120207-01	OF003-120214-01	OF003-120221-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0						< 1			
Trichloroethene	79-01-6						< 1			
Vinyl Chloride	75-01-4						< 1			
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5						< 75			
Aluminum, Dissolved							< 75			
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3						< 5			
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6						< 0.2			
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		12/27/2011	1/3/2012	1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012
		OF003-111227-01	OF003-120103-01	OF003-120110-01	OF003-120117-01	OF003-120124-01	OF003-120131-01	OF003-120207-01	OF003-120214-01	OF003-120221-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		12/27/2011	1/3/2012	1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012
		OF003-111227-01	OF003-120103-01	OF003-120110-01	OF003-120117-01	OF003-120124-01	OF003-120131-01	OF003-120207-01	OF003-120214-01	OF003-120221-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		12/27/2011	1/3/2012	1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012
		OF003-111227-01	OF003-120103-01	OF003-120110-01	OF003-120117-01	OF003-120124-01	OF003-120131-01	OF003-120207-01	OF003-120214-01	OF003-120221-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		12/27/2011	1/3/2012	1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012
		OF003-111227-01	OF003-120103-01	OF003-120110-01	OF003-120117-01	OF003-120124-01	OF003-120131-01	OF003-120207-01	OF003-120214-01	OF003-120221-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		12/27/2011	1/3/2012	1/10/2012	1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012
		OF003-111227-01	OF003-120103-01	OF003-120110-01	OF003-120117-01	OF003-120124-01	OF003-120131-01	OF003-120207-01	OF003-120214-01	OF003-120221-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000				< 5000	< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2				< 0.2	< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		2/28/2012	3/6/2012	3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012
		OF003-120228-01	OF003-120306-01	OF003-120313-01	OF003-120320-01	OF003-120327-01	OF003-120403-01	OF003-120410-01	OF003-120417-01	OF003-120424-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0						< 1			
Trichloroethene	79-01-6						< 1			
Vinyl Chloride	75-01-4						< 1			
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5						75.6			
Aluminum, Dissolved							< 75			
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3						< 5			
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6						< 0.2			
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		2/28/2012	3/6/2012	3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012
		OF003-120228-01	OF003-120306-01	OF003-120313-01	OF003-120320-01	OF003-120327-01	OF003-120403-01	OF003-120410-01	OF003-120417-01	OF003-120424-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
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PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		2/28/2012	3/6/2012	3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012
		OF003-120228-01	OF003-120306-01	OF003-120313-01	OF003-120320-01	OF003-120327-01	OF003-120403-01	OF003-120410-01	OF003-120417-01	OF003-120424-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
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PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		2/28/2012	3/6/2012	3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012
		OF003-120228-01	OF003-120306-01	OF003-120313-01	OF003-120320-01	OF003-120327-01	OF003-120403-01	OF003-120410-01	OF003-120417-01	OF003-120424-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
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PCB-142										
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PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		2/28/2012	3/6/2012	3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012
		OF003-120228-01	OF003-120306-01	OF003-120313-01	OF003-120320-01	OF003-120327-01	OF003-120403-01	OF003-120410-01	OF003-120417-01	OF003-120424-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		2/28/2012	3/6/2012	3/13/2012	3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012
		OF003-120228-01	OF003-120306-01	OF003-120313-01	OF003-120320-01	OF003-120327-01	OF003-120403-01	OF003-120410-01	OF003-120417-01	OF003-120424-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000				< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2				< 0.2			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/1/2012	5/8/2012	5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012
		OF003-120501-01	OF003-120508-01	OF003-120509-01	OF003-120509-02	OF003-120515-01	OF003-120522-01	OF003-120529-01	OF003-120605-01	OF003-120612-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0				< 1					
Trichloroethene	79-01-6				< 1					
Vinyl Chloride	75-01-4				< 1					
SVOCs										
Phenolics, Total Recoverable					< 50					
Metals and Inorganics										
Aluminum	7429-90-5				***128***					
Aluminum, Dissolved					< 75					
Ammonia	7664-41-7				< 100					
Arsenic	7440-38-2				< 10					
Barium	7440-39-3				194					
Beryllium	7440-41-7				< 1					
Boron And Borates Only	7440-42-8				< 100					
Cadmium	7440-43-9									
Chlorine, Total Residual					< 50					
Chromium, Total	7440-47-3				< 5					
Cobalt	7440-48-4				< 5					
Copper	7440-50-8				< 10					
Cyanide	57-12-5				< 5					
Iron	7439-89-6				186					
Lead	7439-92-1				< 5					
Mercury	7439-97-6				< 0.2					
Molybdenum	7439-98-7									
Nickel	7440-02-0				< 5					
Nitrate	14797-55-8				2200					
Nitrate & Nitrite					2200					
Nitrite	14797-65-0				< 100					
Phosphorus	7723-14-0				< 100					
Potassium	7440-09-7				2980					
Selenium	7782-49-2				< 15					
Silicon	7440-21-3				6680					
Silver	7440-22-4				< 7					
Strontium, Stable	7440-24-6				647					
Sulfate	14808-79-8				80800					
Thallium (Soluble Salts)	7440-28-0				< 20					
Titanium	7440-32-6				< 10					
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6				70					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/1/2012	5/8/2012	5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012
		OF003-120501-01	OF003-120508-01	OF003-120509-01	OF003-120509-02	OF003-120515-01	OF003-120522-01	OF003-120529-01	OF003-120605-01	OF003-120612-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001				0.00029						
PCB-002				< 0.0002						
PCB-003				0.00031						
PCB-004				< 0.0002						
PCB-005				< 0.0002						
PCB-006				< 0.0002						
PCB-007				< 0.0002						
PCB-008				< 0.0002						
PCB-009				< 0.0002						
PCB-010				< 0.0002						
PCB-011				0.00256						
PCB-012				< 0.00041						
PCB-014				< 0.0002						
PCB-015				< 0.0002						
PCB-016				< 0.0002						
PCB-017				< 0.0002						
PCB-018				< 0.00041						
PCB-019				< 0.0002						
PCB-020				< 0.00041						
PCB-021				< 0.00041						
PCB-022				< 0.0002						
PCB-023				< 0.0002						
PCB-024				< 0.0002						
PCB-025				< 0.0002						
PCB-026				< 0.00041						
PCB-027				< 0.0002						
PCB-031				< 0.0002						
PCB-032				< 0.0002						
PCB-034				< 0.0002						
PCB-035				< 0.0002						
PCB-036				< 0.0002						
PCB-037				< 0.0002						
PCB-038				< 0.0002						
PCB-039				< 0.0002						
PCB-040				< 0.00122						

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/1/2012	5/8/2012	5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012
		OF003-120501-01	OF003-120508-01	OF003-120509-01	OF003-120509-02	OF003-120515-01	OF003-120522-01	OF003-120529-01	OF003-120605-01	OF003-120612-01
PCB-042				< 0.00041						
PCB-043				< 0.00081						
PCB-044				< 0.00122						
PCB-045				< 0.00081						
PCB-046				< 0.00041						
PCB-048				< 0.00041						
PCB-049				< 0.00081						
PCB-050				< 0.00081						
PCB-052				< 0.00041						
PCB-054				< 0.00041						
PCB-055				< 0.00041						
PCB-056				< 0.00041						
PCB-057				< 0.00041						
PCB-058				< 0.00041						
PCB-059				< 0.00122						
PCB-060				< 0.00041						
PCB-061				< 0.00163						
PCB-063				< 0.00041						
PCB-064				< 0.00041						
PCB-066				< 0.00041						
PCB-067				< 0.00041						
PCB-068				< 0.00041						
PCB-069										
PCB-072				< 0.00041						
PCB-077	32598-13-3			< 0.00041						
PCB-078				< 0.00041						
PCB-079				< 0.00041						
PCB-080				< 0.00041						
PCB-081	70362-50-4			< 0.00041						
PCB-082				< 0.00041						
PCB-083				< 0.00041						
PCB-084				< 0.00041						
PCB-085				< 0.00122						
PCB-086				< 0.00244						
PCB-088				< 0.00081						
PCB-089				< 0.00041						
PCB-090				< 0.00122						
PCB-092				< 0.00041						
PCB-093				< 0.00163						
PCB-094				< 0.00041						
PCB-095				0.0014						
PCB-096				< 0.00041						
PCB-099				< 0.00041						

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/1/2012	5/8/2012	5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012
		OF003-120501-01	OF003-120508-01	OF003-120509-01	OF003-120509-02	OF003-120515-01	OF003-120522-01	OF003-120529-01	OF003-120605-01	OF003-120612-01
PCB-103				< 0.00041						
PCB-104				< 0.00041						
PCB-105	32598-14-4			< 0.00041						
PCB-106				< 0.00041						
PCB-107				< 0.00081						
PCB-109				< 0.00041						
PCB-110				< 0.00081						
PCB-111				< 0.00041						
PCB-112				< 0.00041						
PCB-114	74472-37-0			< 0.00041						
PCB-118	31508-00-6			< 0.00041						
PCB-119										
PCB-120				< 0.00041						
PCB-121				< 0.00041						
PCB-122				< 0.00041						
PCB-123	65510-44-3			< 0.00041						
PCB-126	57465-28-8			< 0.00041						
PCB-127				< 0.00041						
PCB-128				< 0.00081						
PCB-129				0.00186						
PCB-130				< 0.00041						
PCB-131				< 0.00041						
PCB-132				0.00064						
PCB-133				< 0.00041						
PCB-134				< 0.00081						
PCB-136				0.00042						
PCB-137				< 0.00041						
PCB-139				< 0.00081						
PCB-141				0.00053						
PCB-142				< 0.00041						
PCB-144				< 0.00041						
PCB-145				< 0.00041						
PCB-146				< 0.00041						
PCB-147				0.00219						
PCB-148				< 0.00041						
PCB-150				< 0.00041						
PCB-151				0.00111						
PCB-152				< 0.00041						
PCB-153				0.00184						
PCB-154				< 0.00041						
PCB-155				< 0.00041						
PCB-156				< 0.00081						
PCB-158				< 0.00041						

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/1/2012	5/8/2012	5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012
		OF003-120501-01	OF003-120508-01	OF003-120509-01	OF003-120509-02	OF003-120515-01	OF003-120522-01	OF003-120529-01	OF003-120605-01	OF003-120612-01
PCB-159				< 0.00041						
PCB-160				< 0.00041						
PCB-161				< 0.00041						
PCB-162				< 0.00041						
PCB-164				< 0.00041						
PCB-165				< 0.00041						
PCB-167	52663-72-6			< 0.00041						
PCB-169	32774-16-6			< 0.00041						
PCB-170				0.00044						
PCB-171				< 0.00081						
PCB-172				< 0.00041						
PCB-174				0.00058						
PCB-175				< 0.00041						
PCB-176				< 0.00041						
PCB-177				< 0.00041						
PCB-178				< 0.00041						
PCB-179				< 0.00041						
PCB-180				0.00108						
PCB-181				< 0.00041						
PCB-182				< 0.00041						
PCB-183				< 0.00081						
PCB-184				< 0.00041						
PCB-186				< 0.00041						
PCB-187				0.00061						
PCB-188				< 0.00041						
PCB-189	39635-31-9			< 0.00041						
PCB-190				< 0.00041						
PCB-191				< 0.00041						
PCB-192				< 0.00041						
PCB-194				< 0.00061						
PCB-195				< 0.00061						
PCB-196				< 0.00061						
PCB-197				< 0.00122						
PCB-198				< 0.00122						
PCB-201				< 0.00061						
PCB-202				< 0.00061						
PCB-203				< 0.00061						
PCB-204				< 0.00061						
PCB-205				< 0.00061						
PCB-206				< 0.00061						
PCB-207				< 0.00061						
PCB-208				< 0.00061						
PCB-209				< 0.00061						

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		5/1/2012	5/8/2012	5/9/2012	5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012
		OF003-120501-01	OF003-120508-01	OF003-120509-01	OF003-120509-02	OF003-120515-01	OF003-120522-01	OF003-120529-01	OF003-120605-01	OF003-120612-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000			< 5000				< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand				< 2000						
Chemical Oxygen Demand				< 10000						
Total Organic Carbon				1900						
Total Settleable Solids		< 0.2			< 0.2				< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/19/2012	6/26/2012	7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF003-120619-01	OF003-120626-01	OF003-120703-01	OF003-120710-01	OF003-120717-01	OF003-120724-01	OF003-120731-01	OF003-120807-01	OF003-120814-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1						
Trichloroethene	79-01-6			< 1						
Vinyl Chloride	75-01-4			< 1						
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5			83.9						
Aluminum, Dissolved				86.9						
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3			< 5						
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6			< 0.2						
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/19/2012	6/26/2012	7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF003-120619-01	OF003-120626-01	OF003-120703-01	OF003-120710-01	OF003-120717-01	OF003-120724-01	OF003-120731-01	OF003-120807-01	OF003-120814-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/19/2012	6/26/2012	7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF003-120619-01	OF003-120626-01	OF003-120703-01	OF003-120710-01	OF003-120717-01	OF003-120724-01	OF003-120731-01	OF003-120807-01	OF003-120814-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/19/2012	6/26/2012	7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF003-120619-01	OF003-120626-01	OF003-120703-01	OF003-120710-01	OF003-120717-01	OF003-120724-01	OF003-120731-01	OF003-120807-01	OF003-120814-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/19/2012	6/26/2012	7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF003-120619-01	OF003-120626-01	OF003-120703-01	OF003-120710-01	OF003-120717-01	OF003-120724-01	OF003-120731-01	OF003-120807-01	OF003-120814-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003	OF003
		6/19/2012	6/26/2012	7/3/2012	7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF003-120619-01	OF003-120626-01	OF003-120703-01	OF003-120710-01	OF003-120717-01	OF003-120724-01	OF003-120731-01	OF003-120807-01	OF003-120814-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000					< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2					< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010
		OF004-100105-01	OF004-100112-01	OF004-100119-01	OF004-100126-01	OF004-100202-01	OF004-100209-01	OF004-100216-01	OF004-100223-01	OF004-100302-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0	< 1								
Trichloroethene	79-01-6	< 1								
Vinyl Chloride	75-01-4	< 1								
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5	< 75								
Aluminum, Dissolved		< 75								
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3	< 5								
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6	< 0.2								
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010
		OF004-100105-01	OF004-100112-01	OF004-100119-01	OF004-100126-01	OF004-100202-01	OF004-100209-01	OF004-100216-01	OF004-100223-01	OF004-100302-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010
		OF004-100105-01	OF004-100112-01	OF004-100119-01	OF004-100126-01	OF004-100202-01	OF004-100209-01	OF004-100216-01	OF004-100223-01	OF004-100302-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010
		OF004-100105-01	OF004-100112-01	OF004-100119-01	OF004-100126-01	OF004-100202-01	OF004-100209-01	OF004-100216-01	OF004-100223-01	OF004-100302-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010
		OF004-100105-01	OF004-100112-01	OF004-100119-01	OF004-100126-01	OF004-100202-01	OF004-100209-01	OF004-100216-01	OF004-100223-01	OF004-100302-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/5/2010	1/12/2010	1/19/2010	1/26/2010	2/2/2010	2/8/2010	2/16/2010	2/23/2010	3/2/2010
		OF004-100105-01	OF004-100112-01	OF004-100119-01	OF004-100126-01	OF004-100202-01	OF004-100209-01	OF004-100216-01	OF004-100223-01	OF004-100302-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000				< 5000				< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids		< 0.2				< 0.2				< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/9/2010	3/23/2010	3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/27/2010
		OF004-100309-01	OF004-100316-01	OF004-100323-01	OF004-100330-01	OF004-100406-01	OF004-100407-01	OF004-100413-01	OF004-100420-01	OF004-100427-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0					< 1				
Trichloroethene	79-01-6					2.6				
Vinyl Chloride	75-01-4					< 1				
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5					84.9				
Aluminum, Dissolved						< 75				
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3					< 5				
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6					< 0.2				
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/9/2010	3/23/2010	3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/27/2010
		OF004-100309-01	OF004-100316-01	OF004-100323-01	OF004-100330-01	OF004-100406-01	OF004-100407-01	OF004-100413-01	OF004-100420-01	OF004-100427-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
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PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/9/2010	3/23/2010	3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/27/2010
		OF004-100309-01	OF004-100316-01	OF004-100323-01	OF004-100330-01	OF004-100406-01	OF004-100407-01	OF004-100413-01	OF004-100420-01	OF004-100427-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/9/2010	3/23/2010	3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/27/2010
		OF004-100309-01	OF004-100316-01	OF004-100323-01	OF004-100330-01	OF004-100406-01	OF004-100407-01	OF004-100413-01	OF004-100420-01	OF004-100427-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/9/2010	3/23/2010	3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/27/2010
		OF004-100309-01	OF004-100316-01	OF004-100323-01	OF004-100330-01	OF004-100406-01	OF004-100407-01	OF004-100413-01	OF004-100420-01	OF004-100427-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/9/2010	3/23/2010	3/23/2010	3/30/2010	4/6/2010	4/7/2010	4/13/2010	4/20/2010	4/27/2010
		OF004-100309-01	OF004-100316-01	OF004-100323-01	OF004-100330-01	OF004-100406-01	OF004-100407-01	OF004-100413-01	OF004-100420-01	OF004-100427-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease						< 5000				
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids						< 0.2	0.2			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010
		OF004-100505-01	OF004-100506-01	OF004-100511-01	OF004-100518-01	OF004-100525-01	OF004-100601-01	OF004-100608-01	OF004-100615-01	OF004-100622-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0	< 1								
Trichloroethene	79-01-6	< 1								
Vinyl Chloride	75-01-4	< 1								
SVOCs										
Phenolics, Total Recoverable		< 50								
Metals and Inorganics										
Aluminum	7429-90-5	< 75								
Aluminum, Dissolved										
Ammonia	7664-41-7	< 100								
Arsenic	7440-38-2	< 10								
Barium	7440-39-3	***417***								
Beryllium	7440-41-7	< 1								
Boron And Borates Only	7440-42-8	< 100								
Cadmium	7440-43-9									
Chlorine, Total Residual		< 50								
Chromium, Total	7440-47-3	< 5								
Cobalt	7440-48-4	< 5								
Copper	7440-50-8	< 10								
Cyanide	57-12-5	< 5								
Iron	7439-89-6	662								
Lead	7439-92-1	< 5								
Mercury	7439-97-6	< 0.2								
Molybdenum	7439-98-7									
Nickel	7440-02-0	< 5								
Nitrate	14797-55-8	910								
Nitrate & Nitrite										
Nitrite	14797-65-0	< 100								
Phosphorus	7723-14-0	< 100								
Potassium	7440-09-7	2650								
Selenium	7782-49-2	< 15								
Silicon	7440-21-3									
Silver	7440-22-4	< 7								
Strontium, Stable	7440-24-6	1300								
Sulfate	14808-79-8	71900								
Thallium (Soluble Salts)	7440-28-0	< 20								
Titanium	7440-32-6	< 10								
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6	< 50								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010
		OF004-100505-01	OF004-100506-01	OF004-100511-01	OF004-100518-01	OF004-100525-01	OF004-100601-01	OF004-100608-01	OF004-100615-01	OF004-100622-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001			< 0.00023							
PCB-002			< 0.00023							
PCB-003			< 0.00023							
PCB-004			< 0.00023							
PCB-005			< 0.00023							
PCB-006			< 0.00023							
PCB-007			< 0.00023							
PCB-008			< 0.00023							
PCB-009			< 0.00023							
PCB-010			< 0.00023							
PCB-011			< 0.00135							
PCB-012			< 0.00045							
PCB-014			< 0.00023							
PCB-015			< 0.00023							
PCB-016			< 0.00023							
PCB-017			< 0.00023							
PCB-018			< 0.00045							
PCB-019			< 0.00023							
PCB-020			< 0.00045							
PCB-021			< 0.00045							
PCB-022			< 0.00023							
PCB-023			< 0.00023							
PCB-024			< 0.00023							
PCB-025			< 0.00023							
PCB-026			< 0.00045							
PCB-027			< 0.00023							
PCB-031			< 0.00023							
PCB-032			< 0.00023							
PCB-034			< 0.00023							
PCB-035			< 0.00023							
PCB-036			< 0.00023							
PCB-037			< 0.00023							
PCB-038			< 0.00023							
PCB-039			< 0.00023							
PCB-040			< 0.00135							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010
		OF004-100505-01	OF004-100506-01	OF004-100511-01	OF004-100518-01	OF004-100525-01	OF004-100601-01	OF004-100608-01	OF004-100615-01	OF004-100622-01
PCB-042			< 0.00045							
PCB-043			< 0.0009							
PCB-044			< 0.00135							
PCB-045			< 0.0009							
PCB-046			< 0.00045							
PCB-048			< 0.00045							
PCB-049			< 0.0009							
PCB-050			< 0.0009							
PCB-052			< 0.00045							
PCB-054			< 0.00045							
PCB-055			< 0.00045							
PCB-056			< 0.00045							
PCB-057			< 0.00045							
PCB-058			< 0.00045							
PCB-059			< 0.00135							
PCB-060			< 0.00045							
PCB-061			< 0.0018							
PCB-063			< 0.00045							
PCB-064			< 0.00045							
PCB-066			< 0.00045							
PCB-067			< 0.00045							
PCB-068			< 0.00045							
PCB-069										
PCB-072			< 0.00045							
PCB-077	32598-13-3		< 0.00045							
PCB-078			< 0.00045							
PCB-079			< 0.00045							
PCB-080			< 0.00045							
PCB-081	70362-50-4		< 0.00045							
PCB-082			< 0.00045							
PCB-083			< 0.00045							
PCB-084			< 0.00045							
PCB-085			< 0.00135							
PCB-086			< 0.00271							
PCB-088			< 0.0009							
PCB-089			< 0.00045							
PCB-090			< 0.00135							
PCB-092			< 0.00045							
PCB-093			< 0.0018							
PCB-094			< 0.00045							
PCB-095			< 0.00045							
PCB-096			< 0.00045							
PCB-099			< 0.00045							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010
		OF004-100505-01	OF004-100506-01	OF004-100511-01	OF004-100518-01	OF004-100525-01	OF004-100601-01	OF004-100608-01	OF004-100615-01	OF004-100622-01
PCB-103			< 0.00045							
PCB-104			< 0.00045							
PCB-105	32598-14-4		< 0.00045							
PCB-106			< 0.00045							
PCB-107			< 0.0009							
PCB-109			< 0.00045							
PCB-110			< 0.0009							
PCB-111			< 0.00045							
PCB-112			< 0.00045							
PCB-114	74472-37-0		< 0.00045							
PCB-118	31508-00-6		< 0.00045							
PCB-119										
PCB-120			< 0.00045							
PCB-121			< 0.00045							
PCB-122			< 0.00045							
PCB-123	65510-44-3		< 0.00045							
PCB-126	57465-28-8		< 0.00045							
PCB-127			< 0.00045							
PCB-128			< 0.0009							
PCB-129			< 0.00135							
PCB-130			< 0.00045							
PCB-131			< 0.00045							
PCB-132			< 0.00045							
PCB-133			< 0.00045							
PCB-134			< 0.0009							
PCB-136			< 0.00045							
PCB-137			< 0.00045							
PCB-139			< 0.0009							
PCB-141			< 0.00045							
PCB-142			< 0.00045							
PCB-144			< 0.00045							
PCB-145			< 0.00045							
PCB-146			< 0.00045							
PCB-147			< 0.0009							
PCB-148			< 0.00045							
PCB-150			< 0.00045							
PCB-151			< 0.0009							
PCB-152			< 0.00045							
PCB-153			< 0.0009							
PCB-154			< 0.00045							
PCB-155			< 0.00045							
PCB-156			< 0.0009							
PCB-158			< 0.00045							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010
		OF004-100505-01	OF004-100506-01	OF004-100511-01	OF004-100518-01	OF004-100525-01	OF004-100601-01	OF004-100608-01	OF004-100615-01	OF004-100622-01
PCB-159			< 0.00045							
PCB-160			< 0.00045							
PCB-161			< 0.00045							
PCB-162			< 0.00045							
PCB-164			< 0.00045							
PCB-165			< 0.00045							
PCB-167	52663-72-6		< 0.00045							
PCB-169	32774-16-6		< 0.00045							
PCB-170			< 0.00045							
PCB-171			< 0.0009							
PCB-172			< 0.00045							
PCB-174			< 0.00045							
PCB-175			< 0.00045							
PCB-176			< 0.00045							
PCB-177			< 0.00045							
PCB-178			< 0.00045							
PCB-179			< 0.00045							
PCB-180			< 0.0009							
PCB-181			< 0.00045							
PCB-182			< 0.00045							
PCB-183			< 0.0009							
PCB-184			< 0.00045							
PCB-186			< 0.00045							
PCB-187			< 0.00045							
PCB-188			< 0.00045							
PCB-189	39635-31-9		< 0.00045							
PCB-190			< 0.00045							
PCB-191			< 0.00045							
PCB-192			< 0.00045							
PCB-194			< 0.00068							
PCB-195			< 0.00068							
PCB-196			< 0.00068							
PCB-197			< 0.00135							
PCB-198			< 0.00135							
PCB-201			< 0.00068							
PCB-202			< 0.00068							
PCB-203			< 0.00068							
PCB-204			< 0.00068							
PCB-205			< 0.00068							
PCB-206			< 0.00068							
PCB-207			< 0.00068							
PCB-208			< 0.00068							
PCB-209			< 0.00068							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/5/2010	5/6/2010	5/11/2010	5/18/2010	5/25/2010	6/1/2010	6/8/2010	6/15/2010	6/22/2010
		OF004-100505-01	OF004-100506-01	OF004-100511-01	OF004-100518-01	OF004-100525-01	OF004-100601-01	OF004-100608-01	OF004-100615-01	OF004-100622-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000						< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand			< 2000							
Chemical Oxygen Demand			< 10000							
Total Organic Carbon			< 1000							
Total Settleable Solids		< 0.2						< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010
		OF004-100629-01	OF004-100706-01	OF004-100713-01	OF004-100720-01	OF004-100727-01	OF004-100803-01	OF004-100810-01	OF004-100817-01	OF004-100824-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1						
Trichloroethene	79-01-6			1.4						
Vinyl Chloride	75-01-4			< 1						
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5			< 75						
Aluminum, Dissolved				< 75						
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3			< 5						
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6			< 0.2						
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010
		OF004-100629-01	OF004-100706-01	OF004-100713-01	OF004-100720-01	OF004-100727-01	OF004-100803-01	OF004-100810-01	OF004-100817-01	OF004-100824-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010
		OF004-100629-01	OF004-100706-01	OF004-100713-01	OF004-100720-01	OF004-100727-01	OF004-100803-01	OF004-100810-01	OF004-100817-01	OF004-100824-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010
		OF004-100629-01	OF004-100706-01	OF004-100713-01	OF004-100720-01	OF004-100727-01	OF004-100803-01	OF004-100810-01	OF004-100817-01	OF004-100824-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010
		OF004-100629-01	OF004-100706-01	OF004-100713-01	OF004-100720-01	OF004-100727-01	OF004-100803-01	OF004-100810-01	OF004-100817-01	OF004-100824-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		6/29/2010	7/6/2010	7/13/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/17/2010	8/24/2010
		OF004-100629-01	OF004-100706-01	OF004-100713-01	OF004-100720-01	OF004-100727-01	OF004-100803-01	OF004-100810-01	OF004-100817-01	OF004-100824-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000			< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2			2.3			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		8/31/2010	9/2/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010
		OF004-100831-01	OF004-100902-01	OF004-100907-01	OF004-100914-01	OF004-100921-01	OF004-100922-01	OF004-100928-01	OF004-101005-01	OF004-101012-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0				< 1					
Trichloroethene	79-01-6				4.4					
Vinyl Chloride	75-01-4				< 1					
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5				82.2					
Aluminum, Dissolved					< 75					
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3				< 5					
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6				< 0.2					
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		8/31/2010	9/2/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010
		OF004-100831-01	OF004-100902-01	OF004-100907-01	OF004-100914-01	OF004-100921-01	OF004-100922-01	OF004-100928-01	OF004-101005-01	OF004-101012-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5		< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5		< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5		< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5		< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5		< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5		< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5		< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
PCB-001							< 0.00021			
PCB-002							< 0.00021			
PCB-003							< 0.00021			
PCB-004							< 0.00021			
PCB-005							< 0.00021			
PCB-006							< 0.00021			
PCB-007							< 0.00021			
PCB-008							< 0.00021			
PCB-009							< 0.00021			
PCB-010							< 0.00021			
PCB-011							< 0.00126			
PCB-012							< 0.00042			
PCB-014							< 0.00021			
PCB-015							< 0.00021			
PCB-016							< 0.00021			
PCB-017							< 0.00021			
PCB-018							< 0.00042			
PCB-019							< 0.00021			
PCB-020							< 0.00042			
PCB-021							< 0.00042			
PCB-022							< 0.00021			
PCB-023							< 0.00021			
PCB-024							< 0.00021			
PCB-025							< 0.00021			
PCB-026							< 0.00042			
PCB-027							< 0.00021			
PCB-031							< 0.00021			
PCB-032							< 0.00021			
PCB-034							< 0.00021			
PCB-035							< 0.00021			
PCB-036							< 0.00021			
PCB-037							< 0.00021			
PCB-038							< 0.00021			
PCB-039							< 0.00021			
PCB-040							< 0.00126			

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		8/31/2010	9/2/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010
		OF004-100831-01	OF004-100902-01	OF004-100907-01	OF004-100914-01	OF004-100921-01	OF004-100922-01	OF004-100928-01	OF004-101005-01	OF004-101012-01
PCB-042							< 0.00042			
PCB-043							< 0.00084			
PCB-044							< 0.00126			
PCB-045							< 0.00084			
PCB-046							< 0.00042			
PCB-048							< 0.00042			
PCB-049							< 0.00084			
PCB-050							< 0.00084			
PCB-052							0.00048			
PCB-054							< 0.00042			
PCB-055							< 0.00042			
PCB-056							< 0.00042			
PCB-057							< 0.00042			
PCB-058							< 0.00042			
PCB-059							< 0.00126			
PCB-060							< 0.00042			
PCB-061							< 0.00168			
PCB-063							< 0.00042			
PCB-064							< 0.00042			
PCB-066							< 0.00042			
PCB-067							< 0.00042			
PCB-068							< 0.00042			
PCB-069										
PCB-072							< 0.00042			
PCB-077	32598-13-3						< 0.00042			
PCB-078							< 0.00042			
PCB-079							< 0.00042			
PCB-080							< 0.00042			
PCB-081	70362-50-4						< 0.00042			
PCB-082							< 0.442			
PCB-083							< 0.442			
PCB-084							< 0.442			
PCB-085							< 1.32			
PCB-086							< 2.65			
PCB-088							< 0.883			
PCB-089							< 0.442			
PCB-090							< 1.32			
PCB-092							< 0.442			
PCB-093							< 1.77			
PCB-094							< 0.442			
PCB-095							< 0.442			
PCB-096							< 0.442			
PCB-099							< 0.442			

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		8/31/2010	9/2/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010
		OF004-100831-01	OF004-100902-01	OF004-100907-01	OF004-100914-01	OF004-100921-01	OF004-100922-01	OF004-100928-01	OF004-101005-01	OF004-101012-01
PCB-103							< 0.442			
PCB-104							< 0.442			
PCB-105	32598-14-4						< 0.442			
PCB-106							< 0.442			
PCB-107							< 0.883			
PCB-109							< 0.442			
PCB-110							< 0.883			
PCB-111							< 0.442			
PCB-112							< 0.442			
PCB-114	74472-37-0						< 0.442			
PCB-118	31508-00-6						< 0.442			
PCB-119										
PCB-120							< 0.442			
PCB-121							< 0.442			
PCB-122							< 0.442			
PCB-123	65510-44-3						< 0.442			
PCB-126	57465-28-8						< 0.442			
PCB-127							< 0.442			
PCB-128							< 0.883			
PCB-129							< 1.32			
PCB-130							< 0.442			
PCB-131							< 0.442			
PCB-132							< 0.442			
PCB-133							< 0.442			
PCB-134							< 0.883			
PCB-136							< 0.442			
PCB-137							< 0.442			
PCB-139							< 0.883			
PCB-141							< 0.442			
PCB-142							< 0.442			
PCB-144							< 0.442			
PCB-145							< 0.442			
PCB-146							< 0.442			
PCB-147							< 0.883			
PCB-148							< 0.442			
PCB-150							< 0.442			
PCB-151							< 0.883			
PCB-152							< 0.442			
PCB-153							< 0.883			
PCB-154							< 0.442			
PCB-155							< 0.442			
PCB-156							< 0.883			
PCB-158							< 0.442			

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		8/31/2010	9/2/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010
		OF004-100831-01	OF004-100902-01	OF004-100907-01	OF004-100914-01	OF004-100921-01	OF004-100922-01	OF004-100928-01	OF004-101005-01	OF004-101012-01
PCB-159							< 0.442			
PCB-160							< 0.442			
PCB-161							< 0.442			
PCB-162							< 0.442			
PCB-164							< 0.442			
PCB-165							< 0.442			
PCB-167	52663-72-6						< 0.442			
PCB-169	32774-16-6						< 0.442			
PCB-170							< 0.442			
PCB-171							< 0.883			
PCB-172							< 0.442			
PCB-174							< 0.442			
PCB-175							< 0.442			
PCB-176							< 0.442			
PCB-177							< 0.442			
PCB-178							< 0.442			
PCB-179							< 0.442			
PCB-180							< 0.883			
PCB-181							< 0.442			
PCB-182							< 0.442			
PCB-183							< 0.883			
PCB-184							< 0.442			
PCB-186							< 0.442			
PCB-187							< 0.442			
PCB-188							< 0.442			
PCB-189	39635-31-9						< 0.442			
PCB-190							< 0.442			
PCB-191							< 0.442			
PCB-192							< 0.442			
PCB-194							< 0.662			
PCB-195							< 0.662			
PCB-196							< 0.662			
PCB-197							< 1.32			
PCB-198							< 1.32			
PCB-201							< 0.662			
PCB-202							< 0.662			
PCB-203							< 0.662			
PCB-204							< 0.662			
PCB-205							< 0.662			
PCB-206							< 0.00063			
PCB-207							< 0.00063			
PCB-208							< 0.00063			
PCB-209							< 0.00063			

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		8/31/2010	9/2/2010	9/7/2010	9/14/2010	9/21/2010	9/22/2010	9/28/2010	10/5/2010	10/12/2010
		OF004-100831-01	OF004-100902-01	OF004-100907-01	OF004-100914-01	OF004-100921-01	OF004-100922-01	OF004-100928-01	OF004-101005-01	OF004-101012-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000	< 5000				< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids			< 0.2	< 0.2	< 0.2				< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/14/2010
		OF004-101019-01	OF004-101026-01	OF004-101102-01	OF004-101109-01	OF004-101116-01	OF004-101123-01	OF004-101130-01	OF004-101207-01	OF004-101214-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0								< 1	
Trichloroethene	79-01-6								< 1	
Vinyl Chloride	75-01-4								< 1	
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5								***98.2***	
Aluminum, Dissolved									< 75	
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3								< 5	
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6								< 0.2	
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/14/2010
		OF004-101019-01	OF004-101026-01	OF004-101102-01	OF004-101109-01	OF004-101116-01	OF004-101123-01	OF004-101130-01	OF004-101207-01	OF004-101214-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/14/2010
		OF004-101019-01	OF004-101026-01	OF004-101102-01	OF004-101109-01	OF004-101116-01	OF004-101123-01	OF004-101130-01	OF004-101207-01	OF004-101214-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/14/2010
		OF004-101019-01	OF004-101026-01	OF004-101102-01	OF004-101109-01	OF004-101116-01	OF004-101123-01	OF004-101130-01	OF004-101207-01	OF004-101214-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/14/2010
		OF004-101019-01	OF004-101026-01	OF004-101102-01	OF004-101109-01	OF004-101116-01	OF004-101123-01	OF004-101130-01	OF004-101207-01	OF004-101214-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		10/19/2010	10/26/2010	11/2/2010	11/9/2010	11/16/2010	11/23/2010	11/30/2010	12/7/2010	12/14/2010
		OF004-101019-01	OF004-101026-01	OF004-101102-01	OF004-101109-01	OF004-101116-01	OF004-101123-01	OF004-101130-01	OF004-101207-01	OF004-101214-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000					< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2					6	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		12/21/2010	12/22/2010	12/23/2010	12/27/2010	12/28/2010	12/29/2010	1/4/2011	1/11/2011	1/18/2011
		OF004-101221-01	OF004-101222-01	OF004-101223-01	OF004-101227-01	OF004-101228-01	OF004-101229-01	OF004-110104-01	OF004-110111-01	OF004-110118-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									
Trichloroethene	79-01-6									
Vinyl Chloride	75-01-4									
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									
Aluminum, Dissolved										
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		12/21/2010	12/22/2010	12/23/2010	12/27/2010	12/28/2010	12/29/2010	1/4/2011	1/11/2011	1/18/2011
		OF004-101221-01	OF004-101222-01	OF004-101223-01	OF004-101227-01	OF004-101228-01	OF004-101229-01	OF004-110104-01	OF004-110111-01	OF004-110118-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5				< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5				< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5				< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5				< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5				< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5				< 0.5		< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5				< 0.5		< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		12/21/2010	12/22/2010	12/23/2010	12/27/2010	12/28/2010	12/29/2010	1/4/2011	1/11/2011	1/18/2011
		OF004-101221-01	OF004-101222-01	OF004-101223-01	OF004-101227-01	OF004-101228-01	OF004-101229-01	OF004-110104-01	OF004-110111-01	OF004-110118-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		12/21/2010	12/22/2010	12/23/2010	12/27/2010	12/28/2010	12/29/2010	1/4/2011	1/11/2011	1/18/2011
		OF004-101221-01	OF004-101222-01	OF004-101223-01	OF004-101227-01	OF004-101228-01	OF004-101229-01	OF004-110104-01	OF004-110111-01	OF004-110118-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		12/21/2010	12/22/2010	12/23/2010	12/27/2010	12/28/2010	12/29/2010	1/4/2011	1/11/2011	1/18/2011
		OF004-101221-01	OF004-101222-01	OF004-101223-01	OF004-101227-01	OF004-101228-01	OF004-101229-01	OF004-110104-01	OF004-110111-01	OF004-110118-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		12/21/2010	12/22/2010	12/23/2010	12/27/2010	12/28/2010	12/29/2010	1/4/2011	1/11/2011	1/18/2011
		OF004-101221-01	OF004-101222-01	OF004-101223-01	OF004-101227-01	OF004-101228-01	OF004-101229-01	OF004-110104-01	OF004-110111-01	OF004-110118-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease								< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids		< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF004-110125-01	OF004-110204-01	OF004-110208-01	OF004-110215-01	OF004-110222-01	OF004-110301-01	OF004-110308-01	OF004-110315-01	OF004-110322-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0						< 1			
Trichloroethene	79-01-6						5.8			
Vinyl Chloride	75-01-4						< 1			
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5						76.7			
Aluminum, Dissolved							< 75			
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3						< 5			
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6						< 0.2			
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF004-110125-01	OF004-110204-01	OF004-110208-01	OF004-110215-01	OF004-110222-01	OF004-110301-01	OF004-110308-01	OF004-110315-01	OF004-110322-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
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PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF004-110125-01	OF004-110204-01	OF004-110208-01	OF004-110215-01	OF004-110222-01	OF004-110301-01	OF004-110308-01	OF004-110315-01	OF004-110322-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF004-110125-01	OF004-110204-01	OF004-110208-01	OF004-110215-01	OF004-110222-01	OF004-110301-01	OF004-110308-01	OF004-110315-01	OF004-110322-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF004-110125-01	OF004-110204-01	OF004-110208-01	OF004-110215-01	OF004-110222-01	OF004-110301-01	OF004-110308-01	OF004-110315-01	OF004-110322-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/25/2011	2/4/2011	2/8/2011	2/15/2011	2/22/2011	3/1/2011	3/8/2011	3/15/2011	3/22/2011
		OF004-110125-01	OF004-110204-01	OF004-110208-01	OF004-110215-01	OF004-110222-01	OF004-110301-01	OF004-110308-01	OF004-110315-01	OF004-110322-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000			< 5000			
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2			< 0.22			

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF004-110329-01	OF004-110405-01	OF004-110412-01	OF004-110419-01	OF004-110426-01	OF004-110503-01	OF004-110504-01	OF004-110505-01	OF004-110510-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0							< 1		
Trichloroethene	79-01-6							< 1		
Vinyl Chloride	75-01-4							< 1		
SVOCs										
Phenolics, Total Recoverable								< 50		
Metals and Inorganics										
Aluminum	7429-90-5							***89***		
Aluminum, Dissolved								< 75		
Ammonia	7664-41-7							< 100		
Arsenic	7440-38-2							< 10		
Barium	7440-39-3							***440***		
Beryllium	7440-41-7							< 1		
Boron And Borates Only	7440-42-8							< 100		
Cadmium	7440-43-9									
Chlorine, Total Residual								< 50		
Chromium, Total	7440-47-3							< 5		
Cobalt	7440-48-4							< 5		
Copper	7440-50-8							< 10		
Cyanide	57-12-5							< 5		
Iron	7439-89-6							690		
Lead	7439-92-1							< 5		
Mercury	7439-97-6							< 0.2		
Molybdenum	7439-98-7									
Nickel	7440-02-0							< 5		
Nitrate	14797-55-8							790		
Nitrate & Nitrite										
Nitrite	14797-65-0							< 100		
Phosphorus	7723-14-0							< 100		
Potassium	7440-09-7							2400		
Selenium	7782-49-2							< 15		
Silicon	7440-21-3									
Silver	7440-22-4							< 7		
Strontium, Stable	7440-24-6							1470		
Sulfate	14808-79-8							72600		
Thallium (Soluble Salts)	7440-28-0							< 20		
Titanium	7440-32-6							< 10		
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6							< 50		

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF004-110329-01	OF004-110405-01	OF004-110412-01	OF004-110419-01	OF004-110426-01	OF004-110503-01	OF004-110504-01	OF004-110505-01	OF004-110510-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5
PCB-001									< 0.00027	
PCB-002									< 0.00027	
PCB-003									< 0.00027	
PCB-004									< 0.00027	
PCB-005									< 0.00027	
PCB-006									< 0.00027	
PCB-007									< 0.00027	
PCB-008									< 0.00027	
PCB-009									< 0.00027	
PCB-010									< 0.00027	
PCB-011									< 0.0016	
PCB-012									< 0.00053	
PCB-014									< 0.00027	
PCB-015									< 0.00027	
PCB-016									< 0.00027	
PCB-017									< 0.00027	
PCB-018									< 0.00053	
PCB-019									< 0.00027	
PCB-020									< 0.00053	
PCB-021									< 0.00053	
PCB-022									< 0.00027	
PCB-023									< 0.00027	
PCB-024									< 0.00027	
PCB-025									< 0.00027	
PCB-026									< 0.00053	
PCB-027									< 0.00027	
PCB-031									< 0.00027	
PCB-032									< 0.00027	
PCB-034									< 0.00027	
PCB-035									< 0.00027	
PCB-036									< 0.00027	
PCB-037									< 0.00027	
PCB-038									< 0.00027	
PCB-039									< 0.00027	
PCB-040									< 0.0016	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF004-110329-01	OF004-110405-01	OF004-110412-01	OF004-110419-01	OF004-110426-01	OF004-110503-01	OF004-110504-01	OF004-110505-01	OF004-110510-01
PCB-042									< 0.00053	
PCB-043									< 0.00107	
PCB-044									< 0.0016	
PCB-045									< 0.00107	
PCB-046									< 0.00053	
PCB-048									< 0.00053	
PCB-049									< 0.00107	
PCB-050									< 0.00107	
PCB-052									< 0.00053	
PCB-054									< 0.00053	
PCB-055									< 0.00053	
PCB-056									< 0.00053	
PCB-057									< 0.00053	
PCB-058									< 0.00053	
PCB-059									< 0.0016	
PCB-060									< 0.00053	
PCB-061									< 0.00213	
PCB-063									< 0.00053	
PCB-064									< 0.00053	
PCB-066									< 0.00053	
PCB-067									< 0.00053	
PCB-068									< 0.00053	
PCB-069										
PCB-072									< 0.00053	
PCB-077	32598-13-3								< 0.00053	
PCB-078									< 0.00053	
PCB-079									< 0.00053	
PCB-080									< 0.00053	
PCB-081	70362-50-4								< 0.00053	
PCB-082									< 0.00053	
PCB-083									< 0.00053	
PCB-084									< 0.00053	
PCB-085									< 0.0016	
PCB-086									< 0.0032	
PCB-088									< 0.00107	
PCB-089									< 0.00053	
PCB-090									< 0.0016	
PCB-092									< 0.00053	
PCB-093									< 0.00213	
PCB-094									< 0.00053	
PCB-095									< 0.00053	
PCB-096									< 0.00053	
PCB-099									< 0.00053	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF004-110329-01	OF004-110405-01	OF004-110412-01	OF004-110419-01	OF004-110426-01	OF004-110503-01	OF004-110504-01	OF004-110505-01	OF004-110510-01
PCB-103									< 0.00053	
PCB-104									< 0.00053	
PCB-105	32598-14-4								< 0.00053	
PCB-106									< 0.00053	
PCB-107									< 0.00107	
PCB-109									< 0.00053	
PCB-110									< 0.00107	
PCB-111									< 0.00053	
PCB-112									< 0.00053	
PCB-114	74472-37-0								< 0.00053	
PCB-118	31508-00-6								< 0.00053	
PCB-119										
PCB-120									< 0.00053	
PCB-121									< 0.00053	
PCB-122									< 0.00053	
PCB-123	65510-44-3								< 0.00053	
PCB-126	57465-28-8								< 0.00053	
PCB-127									< 0.00053	
PCB-128									< 0.00107	
PCB-129									< 0.0016	
PCB-130									< 0.00053	
PCB-131									< 0.00053	
PCB-132									< 0.00053	
PCB-133									< 0.00053	
PCB-134									< 0.00107	
PCB-136									< 0.00053	
PCB-137									< 0.00053	
PCB-139									< 0.00107	
PCB-141									< 0.00053	
PCB-142									< 0.00053	
PCB-144									< 0.00053	
PCB-145									< 0.00053	
PCB-146									< 0.00053	
PCB-147									< 0.00107	
PCB-148									< 0.00053	
PCB-150									< 0.00053	
PCB-151									< 0.00107	
PCB-152									< 0.00053	
PCB-153									< 0.00107	
PCB-154									< 0.00053	
PCB-155									< 0.00053	
PCB-156									< 0.00107	
PCB-158									< 0.00053	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF004-110329-01	OF004-110405-01	OF004-110412-01	OF004-110419-01	OF004-110426-01	OF004-110503-01	OF004-110504-01	OF004-110505-01	OF004-110510-01
PCB-159									< 0.00053	
PCB-160									< 0.00053	
PCB-161									< 0.00053	
PCB-162									< 0.00053	
PCB-164									< 0.00053	
PCB-165									< 0.00053	
PCB-167	52663-72-6								< 0.00053	
PCB-169	32774-16-6								< 0.00053	
PCB-170									< 0.00053	
PCB-171									< 0.00107	
PCB-172									< 0.00053	
PCB-174									< 0.00053	
PCB-175									< 0.00053	
PCB-176									< 0.00053	
PCB-177									< 0.00053	
PCB-178									< 0.00053	
PCB-179									< 0.00053	
PCB-180									< 0.00107	
PCB-181									< 0.00053	
PCB-182									< 0.00053	
PCB-183									< 0.00107	
PCB-184									< 0.00053	
PCB-186									< 0.00053	
PCB-187									< 0.00053	
PCB-188									< 0.00053	
PCB-189	39635-31-9								< 0.00053	
PCB-190									< 0.00053	
PCB-191									< 0.00053	
PCB-192									< 0.00053	
PCB-194									< 0.0008	
PCB-195									< 0.0008	
PCB-196									< 0.0008	
PCB-197									< 0.0016	
PCB-198									< 0.0016	
PCB-201									< 0.0008	
PCB-202									< 0.0008	
PCB-203									< 0.0008	
PCB-204									< 0.0008	
PCB-205									< 0.0008	
PCB-206									< 0.0008	
PCB-207									< 0.0008	
PCB-208									< 0.0008	
PCB-209									< 0.0008	

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/29/2011	4/5/2011	4/12/2011	4/19/2011	4/26/2011	5/3/2011	5/4/2011	5/5/2011	5/10/2011
		OF004-110329-01	OF004-110405-01	OF004-110412-01	OF004-110419-01	OF004-110426-01	OF004-110503-01	OF004-110504-01	OF004-110505-01	OF004-110510-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease			< 5000				< 5000	< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand									< 2000	
Chemical Oxygen Demand									18400	
Total Organic Carbon									1400	
Total Settleable Solids			< 0.2				< 0.2	< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF004-110517-01	OF004-110524-01	OF004-110531-01	OF004-110607-01	OF004-110614-01	OF004-110621-01	OF004-110628-01	OF004-110705-01	OF004-110712-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0				< 1					
Trichloroethene	79-01-6				< 1					
Vinyl Chloride	75-01-4				< 1					
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5				< 75					
Aluminum, Dissolved					< 75					
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3				< 5					
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6				< 0.2					
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF004-110517-01	OF004-110524-01	OF004-110531-01	OF004-110607-01	OF004-110614-01	OF004-110621-01	OF004-110628-01	OF004-110705-01	OF004-110712-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF004-110517-01	OF004-110524-01	OF004-110531-01	OF004-110607-01	OF004-110614-01	OF004-110621-01	OF004-110628-01	OF004-110705-01	OF004-110712-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF004-110517-01	OF004-110524-01	OF004-110531-01	OF004-110607-01	OF004-110614-01	OF004-110621-01	OF004-110628-01	OF004-110705-01	OF004-110712-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF004-110517-01	OF004-110524-01	OF004-110531-01	OF004-110607-01	OF004-110614-01	OF004-110621-01	OF004-110628-01	OF004-110705-01	OF004-110712-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/17/2011	5/24/2011	5/31/2011	6/7/2011	6/14/2011	6/21/2011	6/28/2011	7/5/2011	7/12/2011
		OF004-110517-01	OF004-110524-01	OF004-110531-01	OF004-110607-01	OF004-110614-01	OF004-110621-01	OF004-110628-01	OF004-110705-01	OF004-110712-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease					< 5000				< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids					< 0.2				< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011	9/13/2011
		OF004-110719-01	OF004-110726-01	OF004-110802-01	OF004-110809-01	OF004-110816-01	OF004-110823-01	OF004-110830-01	OF004-110906-01	OF004-110913-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0								< 1	
Trichloroethene	79-01-6								< 1	
Vinyl Chloride	75-01-4								< 1	
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5								***115***	
Aluminum, Dissolved									***105***	
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3								< 5	
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6								< 0.2	
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011	9/13/2011
		OF004-110719-01	OF004-110726-01	OF004-110802-01	OF004-110809-01	OF004-110816-01	OF004-110823-01	OF004-110830-01	OF004-110906-01	OF004-110913-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011	9/13/2011
		OF004-110719-01	OF004-110726-01	OF004-110802-01	OF004-110809-01	OF004-110816-01	OF004-110823-01	OF004-110830-01	OF004-110906-01	OF004-110913-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011	9/13/2011
		OF004-110719-01	OF004-110726-01	OF004-110802-01	OF004-110809-01	OF004-110816-01	OF004-110823-01	OF004-110830-01	OF004-110906-01	OF004-110913-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011	9/13/2011
		OF004-110719-01	OF004-110726-01	OF004-110802-01	OF004-110809-01	OF004-110816-01	OF004-110823-01	OF004-110830-01	OF004-110906-01	OF004-110913-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		7/19/2011	7/26/2011	8/2/2011	8/9/2011	8/16/2011	8/23/2011	8/30/2011	9/6/2011	9/13/2011
		OF004-110719-01	OF004-110726-01	OF004-110802-01	OF004-110809-01	OF004-110816-01	OF004-110823-01	OF004-110830-01	OF004-110906-01	OF004-110913-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000					< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2					< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011	11/8/2011
		OF004-110920-01	OF004-110927-01	OF004-111004-01	OF004-111005-01	OF004-111011-01	OF004-111018-01	OF004-111025-01	OF004-111101-01	OF004-111108-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0									
Trichloroethene	79-01-6									
Vinyl Chloride	75-01-4									
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5									
Aluminum, Dissolved										
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3									
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6									
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011	11/8/2011
		OF004-110920-01	OF004-110927-01	OF004-111004-01	OF004-111005-01	OF004-111011-01	OF004-111018-01	OF004-111025-01	OF004-111101-01	OF004-111108-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5		< 1	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001					< 0.00023					
PCB-002					< 0.00023					
PCB-003					< 0.00023					
PCB-004					< 0.00023					
PCB-005					< 0.00023					
PCB-006					< 0.00023					
PCB-007					< 0.00023					
PCB-008					< 0.00023					
PCB-009					< 0.00023					
PCB-010					< 0.00023					
PCB-011					< 0.00138					
PCB-012					< 0.00046					
PCB-014					< 0.00023					
PCB-015					< 0.00023					
PCB-016					< 0.00023					
PCB-017					< 0.00023					
PCB-018					< 0.00046					
PCB-019					< 0.00023					
PCB-020					< 0.00046					
PCB-021					< 0.00046					
PCB-022					< 0.00023					
PCB-023					< 0.00023					
PCB-024					< 0.00023					
PCB-025					< 0.00023					
PCB-026					< 0.00046					
PCB-027					< 0.00023					
PCB-031					< 0.00023					
PCB-032					< 0.00023					
PCB-034					< 0.00023					
PCB-035					< 0.00023					
PCB-036					< 0.00023					
PCB-037					< 0.00023					
PCB-038					< 0.00023					
PCB-039					< 0.00023					
PCB-040					< 0.00138					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011	11/8/2011
		OF004-110920-01	OF004-110927-01	OF004-111004-01	OF004-111005-01	OF004-111011-01	OF004-111018-01	OF004-111025-01	OF004-111101-01	OF004-111108-01
PCB-042					< 0.00046					
PCB-043					< 0.00092					
PCB-044					< 0.00138					
PCB-045					< 0.00092					
PCB-046					< 0.00046					
PCB-048					< 0.00046					
PCB-049					< 0.00092					
PCB-050					< 0.00092					
PCB-052					< 0.00046					
PCB-054					< 0.00046					
PCB-055					< 0.00046					
PCB-056					< 0.00046					
PCB-057					< 0.00046					
PCB-058					< 0.00046					
PCB-059					< 0.00138					
PCB-060					< 0.00046					
PCB-061					< 0.00184					
PCB-063					< 0.00046					
PCB-064					< 0.00046					
PCB-066					< 0.00046					
PCB-067					< 0.00046					
PCB-068					< 0.00046					
PCB-069										
PCB-072					< 0.00046					
PCB-077	32598-13-3				< 0.00046					
PCB-078					< 0.00046					
PCB-079					< 0.00046					
PCB-080					< 0.00046					
PCB-081	70362-50-4				< 0.00046					
PCB-082					< 0.00046					
PCB-083					< 0.00046					
PCB-084					< 0.00046					
PCB-085					< 0.00138					
PCB-086					< 0.00276					
PCB-088					< 0.00092					
PCB-089					< 0.00046					
PCB-090					< 0.00138					
PCB-092					< 0.00046					
PCB-093					< 0.00184					
PCB-094					< 0.00046					
PCB-095					< 0.00046					
PCB-096					< 0.00046					
PCB-099					< 0.00046					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011	11/8/2011
		OF004-110920-01	OF004-110927-01	OF004-111004-01	OF004-111005-01	OF004-111011-01	OF004-111018-01	OF004-111025-01	OF004-111101-01	OF004-111108-01
PCB-103					< 0.00046					
PCB-104					< 0.00046					
PCB-105	32598-14-4				< 0.00046					
PCB-106					< 0.00046					
PCB-107					< 0.00092					
PCB-109					< 0.00046					
PCB-110					< 0.00092					
PCB-111					< 0.00046					
PCB-112					< 0.00046					
PCB-114	74472-37-0				< 0.00046					
PCB-118	31508-00-6				< 0.00046					
PCB-119										
PCB-120					< 0.00046					
PCB-121					< 0.00046					
PCB-122					< 0.00046					
PCB-123	65510-44-3				< 0.00046					
PCB-126	57465-28-8				< 0.00046					
PCB-127					< 0.00046					
PCB-128					< 0.00092					
PCB-129					< 0.00138					
PCB-130					< 0.00046					
PCB-131					< 0.00046					
PCB-132					< 0.00046					
PCB-133					< 0.00046					
PCB-134					< 0.00092					
PCB-136					< 0.00046					
PCB-137					< 0.00046					
PCB-139					< 0.00092					
PCB-141					< 0.00046					
PCB-142					< 0.00046					
PCB-144					< 0.00046					
PCB-145					< 0.00046					
PCB-146					< 0.00046					
PCB-147					< 0.00092					
PCB-148					< 0.00046					
PCB-150					< 0.00046					
PCB-151					< 0.00092					
PCB-152					< 0.00046					
PCB-153					< 0.00092					
PCB-154					< 0.00046					
PCB-155					< 0.00046					
PCB-156					< 0.00092					
PCB-158					< 0.00046					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011	11/8/2011
		OF004-110920-01	OF004-110927-01	OF004-111004-01	OF004-111005-01	OF004-111011-01	OF004-111018-01	OF004-111025-01	OF004-111101-01	OF004-111108-01
PCB-159					< 0.00046					
PCB-160					< 0.00046					
PCB-161					< 0.00046					
PCB-162					< 0.00046					
PCB-164					< 0.00046					
PCB-165					< 0.00046					
PCB-167	52663-72-6				< 0.00046					
PCB-169	32774-16-6				< 0.00046					
PCB-170					< 0.00046					
PCB-171					< 0.00092					
PCB-172					< 0.00046					
PCB-174					< 0.00046					
PCB-175					< 0.00046					
PCB-176					< 0.00046					
PCB-177					< 0.00046					
PCB-178					< 0.00046					
PCB-179					< 0.00046					
PCB-180					< 0.00092					
PCB-181					< 0.00046					
PCB-182					< 0.00046					
PCB-183					< 0.00092					
PCB-184					< 0.00046					
PCB-186					< 0.00046					
PCB-187					< 0.00046					
PCB-188					< 0.00046					
PCB-189	39635-31-9				< 0.00046					
PCB-190					< 0.00046					
PCB-191					< 0.00046					
PCB-192					< 0.00046					
PCB-194					< 0.00069					
PCB-195					< 0.00069					
PCB-196					< 0.00069					
PCB-197					< 0.00138					
PCB-198					< 0.00138					
PCB-201					< 0.00069					
PCB-202					< 0.00069					
PCB-203					< 0.00069					
PCB-204					< 0.00069					
PCB-205					< 0.00069					
PCB-206					< 0.00069					
PCB-207					< 0.00069					
PCB-208					< 0.00069					
PCB-209					< 0.00069					

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		9/20/2011	9/27/2011	10/4/2011	10/5/2011	10/11/2011	10/18/2011	10/25/2011	11/1/2011	11/8/2011
		OF004-110920-01	OF004-110927-01	OF004-111004-01	OF004-111005-01	OF004-111011-01	OF004-111018-01	OF004-111025-01	OF004-111101-01	OF004-111108-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000					< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2					< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012	1/10/2012
		OF004-111116-01	OF004-111122-01	OF004-111129-01	OF004-111207-01	OF004-111213-01	OF004-111220-01	OF004-111227-01	OF004-120103-01	OF004-120110-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0				< 1					
Trichloroethene	79-01-6				< 1					
Vinyl Chloride	75-01-4				< 1					
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5				< 75					
Aluminum, Dissolved					< 75					
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3				< 5					
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6				< 0.2					
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012	1/10/2012
		OF004-111116-01	OF004-111122-01	OF004-111129-01	OF004-111207-01	OF004-111213-01	OF004-111220-01	OF004-111227-01	OF004-120103-01	OF004-120110-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012	1/10/2012
		OF004-111116-01	OF004-111122-01	OF004-111129-01	OF004-111207-01	OF004-111213-01	OF004-111220-01	OF004-111227-01	OF004-120103-01	OF004-120110-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012	1/10/2012
		OF004-111116-01	OF004-111122-01	OF004-111129-01	OF004-111207-01	OF004-111213-01	OF004-111220-01	OF004-111227-01	OF004-120103-01	OF004-120110-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012	1/10/2012
		OF004-111116-01	OF004-111122-01	OF004-111129-01	OF004-111207-01	OF004-111213-01	OF004-111220-01	OF004-111227-01	OF004-120103-01	OF004-120110-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		11/16/2011	11/22/2011	11/29/2011	12/7/2011	12/13/2011	12/20/2011	12/27/2011	1/3/2012	1/10/2012
		OF004-111116-01	OF004-111122-01	OF004-111129-01	OF004-111207-01	OF004-111213-01	OF004-111220-01	OF004-111227-01	OF004-120103-01	OF004-120110-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease					< 5000				< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids					< 0.2				< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012	3/13/2012
		OF004-120117-01	OF004-120124-01	OF004-120131-01	OF004-120207-01	OF004-120214-01	OF004-120221-01	OF004-120228-01	OF004-120306-01	OF004-120313-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1						
Trichloroethene	79-01-6			< 1						
Vinyl Chloride	75-01-4			< 1						
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5			< 75						
Aluminum, Dissolved				< 75						
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3			< 5						
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6			< 0.2						
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012	3/13/2012
		OF004-120117-01	OF004-120124-01	OF004-120131-01	OF004-120207-01	OF004-120214-01	OF004-120221-01	OF004-120228-01	OF004-120306-01	OF004-120313-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
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PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012	3/13/2012
		OF004-120117-01	OF004-120124-01	OF004-120131-01	OF004-120207-01	OF004-120214-01	OF004-120221-01	OF004-120228-01	OF004-120306-01	OF004-120313-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
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PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012	3/13/2012
		OF004-120117-01	OF004-120124-01	OF004-120131-01	OF004-120207-01	OF004-120214-01	OF004-120221-01	OF004-120228-01	OF004-120306-01	OF004-120313-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012	3/13/2012
		OF004-120117-01	OF004-120124-01	OF004-120131-01	OF004-120207-01	OF004-120214-01	OF004-120221-01	OF004-120228-01	OF004-120306-01	OF004-120313-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		1/17/2012	1/24/2012	1/31/2012	2/7/2012	2/14/2012	2/21/2012	2/28/2012	3/6/2012	3/13/2012
		OF004-120117-01	OF004-120124-01	OF004-120131-01	OF004-120207-01	OF004-120214-01	OF004-120221-01	OF004-120228-01	OF004-120306-01	OF004-120313-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000	< 5000				< 5000	
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids				< 0.2	< 0.2				< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012	5/9/2012
		OF004-120320-01	OF004-120327-01	OF004-120403-01	OF004-120410-01	OF004-120417-01	OF004-120424-01	OF004-120501-01	OF004-120508-01	OF004-120509-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0			< 1						
Trichloroethene	79-01-6			< 1						
Vinyl Chloride	75-01-4			< 1						
SVOCs										
Phenolics, Total Recoverable										
Metals and Inorganics										
Aluminum	7429-90-5			79.9						
Aluminum, Dissolved				< 75						
Ammonia	7664-41-7									
Arsenic	7440-38-2									
Barium	7440-39-3									
Beryllium	7440-41-7									
Boron And Borates Only	7440-42-8									
Cadmium	7440-43-9									
Chlorine, Total Residual										
Chromium, Total	7440-47-3			< 5						
Cobalt	7440-48-4									
Copper	7440-50-8									
Cyanide	57-12-5									
Iron	7439-89-6									
Lead	7439-92-1									
Mercury	7439-97-6			< 0.2						
Molybdenum	7439-98-7									
Nickel	7440-02-0									
Nitrate	14797-55-8									
Nitrate & Nitrite										
Nitrite	14797-65-0									
Phosphorus	7723-14-0									
Potassium	7440-09-7									
Selenium	7782-49-2									
Silicon	7440-21-3									
Silver	7440-22-4									
Strontium, Stable	7440-24-6									
Sulfate	14808-79-8									
Thallium (Soluble Salts)	7440-28-0									
Titanium	7440-32-6									
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6									

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012	5/9/2012
		OF004-120320-01	OF004-120327-01	OF004-120403-01	OF004-120410-01	OF004-120417-01	OF004-120424-01	OF004-120501-01	OF004-120508-01	OF004-120509-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
PCB-001										< 0.0002
PCB-002										0.00035
PCB-003										0.00039
PCB-004										< 0.0002
PCB-005										< 0.0002
PCB-006										< 0.0002
PCB-007										< 0.0002
PCB-008										< 0.0002
PCB-009										< 0.0002
PCB-010										< 0.0002
PCB-011										0.003
PCB-012										< 0.00041
PCB-014										< 0.0002
PCB-015										< 0.0002
PCB-016										< 0.0002
PCB-017										< 0.0002
PCB-018										< 0.00041
PCB-019										< 0.0002
PCB-020										< 0.00041
PCB-021										< 0.00041
PCB-022										< 0.0002
PCB-023										< 0.0002
PCB-024										< 0.0002
PCB-025										< 0.0002
PCB-026										< 0.00041
PCB-027										< 0.0002
PCB-031										0.00025
PCB-032										< 0.0002
PCB-034										< 0.0002
PCB-035										< 0.0002
PCB-036										< 0.0002
PCB-037										< 0.0002
PCB-038										< 0.0002
PCB-039										< 0.0002
PCB-040										< 0.00122

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012	5/9/2012
		OF004-120320-01	OF004-120327-01	OF004-120403-01	OF004-120410-01	OF004-120417-01	OF004-120424-01	OF004-120501-01	OF004-120508-01	OF004-120509-01
PCB-042										< 0.00041
PCB-043										< 0.00082
PCB-044										< 0.00122
PCB-045										< 0.00082
PCB-046										< 0.00041
PCB-048										< 0.00041
PCB-049										< 0.00082
PCB-050										< 0.00082
PCB-052										< 0.00041
PCB-054										< 0.00041
PCB-055										< 0.00041
PCB-056										< 0.00041
PCB-057										< 0.00041
PCB-058										< 0.00041
PCB-059										< 0.00122
PCB-060										< 0.00041
PCB-061										< 0.00163
PCB-063										< 0.00041
PCB-064										< 0.00041
PCB-066										< 0.00041
PCB-067										< 0.00041
PCB-068										< 0.00041
PCB-069										
PCB-072										< 0.00041
PCB-077	32598-13-3									< 0.00041
PCB-078										< 0.00041
PCB-079										< 0.00041
PCB-080										< 0.00041
PCB-081	70362-50-4									< 0.00041
PCB-082										< 0.00041
PCB-083										< 0.00041
PCB-084										< 0.00041
PCB-085										< 0.00122
PCB-086										< 0.00244
PCB-088										< 0.00082
PCB-089										< 0.00041
PCB-090										< 0.00122
PCB-092										< 0.00041
PCB-093										< 0.00163
PCB-094										< 0.00041
PCB-095										< 0.00041
PCB-096										< 0.00041
PCB-099										< 0.00041

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012	5/9/2012
		OF004-120320-01	OF004-120327-01	OF004-120403-01	OF004-120410-01	OF004-120417-01	OF004-120424-01	OF004-120501-01	OF004-120508-01	OF004-120509-01
PCB-103										< 0.00041
PCB-104										< 0.00041
PCB-105	32598-14-4									< 0.00041
PCB-106										< 0.00041
PCB-107										< 0.00082
PCB-109										< 0.00041
PCB-110										< 0.00082
PCB-111										< 0.00041
PCB-112										< 0.00041
PCB-114	74472-37-0									< 0.00041
PCB-118	31508-00-6									< 0.00041
PCB-119										
PCB-120										< 0.00041
PCB-121										< 0.00041
PCB-122										< 0.00041
PCB-123	65510-44-3									< 0.00041
PCB-126	57465-28-8									< 0.00041
PCB-127										< 0.00041
PCB-128										< 0.00082
PCB-129										< 0.00122
PCB-130										< 0.00041
PCB-131										< 0.00041
PCB-132										< 0.00041
PCB-133										< 0.00041
PCB-134										< 0.00082
PCB-136										< 0.00041
PCB-137										< 0.00041
PCB-139										< 0.00082
PCB-141										< 0.00041
PCB-142										< 0.00041
PCB-144										< 0.00041
PCB-145										< 0.00041
PCB-146										< 0.00041
PCB-147										< 0.00082
PCB-148										< 0.00041
PCB-150										< 0.00041
PCB-151										< 0.00082
PCB-152										< 0.00041
PCB-153										< 0.00082
PCB-154										< 0.00041
PCB-155										< 0.00041
PCB-156										< 0.00082
PCB-158										< 0.00041

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012	5/9/2012
		OF004-120320-01	OF004-120327-01	OF004-120403-01	OF004-120410-01	OF004-120417-01	OF004-120424-01	OF004-120501-01	OF004-120508-01	OF004-120509-01
PCB-159										< 0.00041
PCB-160										< 0.00041
PCB-161										< 0.00041
PCB-162										< 0.00041
PCB-164										< 0.00041
PCB-165										< 0.00041
PCB-167	52663-72-6									< 0.00041
PCB-169	32774-16-6									< 0.00041
PCB-170										< 0.00041
PCB-171										< 0.00082
PCB-172										< 0.00041
PCB-174										< 0.00041
PCB-175										< 0.00041
PCB-176										< 0.00041
PCB-177										< 0.00041
PCB-178										< 0.00041
PCB-179										< 0.00041
PCB-180										< 0.00082
PCB-181										< 0.00041
PCB-182										< 0.00041
PCB-183										< 0.00082
PCB-184										< 0.00041
PCB-186										< 0.00041
PCB-187										< 0.00041
PCB-188										< 0.00041
PCB-189	39635-31-9									< 0.00041
PCB-190										< 0.00041
PCB-191										< 0.00041
PCB-192										< 0.00041
PCB-194										< 0.00061
PCB-195										< 0.00061
PCB-196										< 0.00061
PCB-197										< 0.00122
PCB-198										< 0.00122
PCB-201										< 0.00061
PCB-202										< 0.00061
PCB-203										< 0.00061
PCB-204										< 0.00061
PCB-205										< 0.00061
PCB-206										< 0.00061
PCB-207										< 0.00061
PCB-208										< 0.00061
PCB-209										< 0.00061

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		3/20/2012	3/27/2012	4/3/2012	4/10/2012	4/17/2012	4/24/2012	5/1/2012	5/8/2012	5/9/2012
		OF004-120320-01	OF004-120327-01	OF004-120403-01	OF004-120410-01	OF004-120417-01	OF004-120424-01	OF004-120501-01	OF004-120508-01	OF004-120509-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease				< 5000				< 5000		
TPH (Total)										
Other										
Biochemical Oxygen Demand										< 2000
Chemical Oxygen Demand										< 10000
Total Organic Carbon										1800
Total Settleable Solids				< 0.2				< 0.2		

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012	7/3/2012
		OF004-120509-02	OF004-120515-01	OF004-120522-01	OF004-120529-01	OF004-120605-01	OF004-120612-01	OF004-120619-01	OF004-120626-01	OF004-120703-01
VOCs										
Dichloroethene, 1,2- (Total)	540-59-0	< 1								< 1
Trichloroethene	79-01-6	1.4								< 1
Vinyl Chloride	75-01-4	< 1								< 1
SVOCs										
Phenolics, Total Recoverable		< 50								
Metals and Inorganics										
Aluminum	7429-90-5	< 75								***111***
Aluminum, Dissolved		< 75								< 75
Ammonia	7664-41-7	< 100								
Arsenic	7440-38-2	< 10								
Barium	7440-39-3	***326***								
Beryllium	7440-41-7	< 1								
Boron And Borates Only	7440-42-8	< 100								
Cadmium	7440-43-9									
Chlorine, Total Residual		< 50								
Chromium, Total	7440-47-3	< 5								< 5
Cobalt	7440-48-4	< 5								
Copper	7440-50-8	< 10								
Cyanide	57-12-5	< 5								
Iron	7439-89-6	425								
Lead	7439-92-1	< 5								
Mercury	7439-97-6	< 0.2								< 0.2
Molybdenum	7439-98-7									
Nickel	7440-02-0	< 5								
Nitrate	14797-55-8	1200								
Nitrate & Nitrite		1200								
Nitrite	14797-65-0	< 100								
Phosphorus	7723-14-0	< 100								
Potassium	7440-09-7	2420								
Selenium	7782-49-2	< 15								
Silicon	7440-21-3	6840								
Silver	7440-22-4	< 7								
Strontium, Stable	7440-24-6	1090								
Sulfate	14808-79-8	70400								
Thallium (Soluble Salts)	7440-28-0	< 20								
Titanium	7440-32-6	< 10								
Uranium	NA									
Uranium-234	13966-29-5									
Uranium-235	15117-96-1									
Uranium-238	7440-61-1									
Zinc	7440-66-6	< 50								

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012	7/3/2012
		OF004-120509-02	OF004-120515-01	OF004-120522-01	OF004-120529-01	OF004-120605-01	OF004-120612-01	OF004-120619-01	OF004-120626-01	OF004-120703-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001										
PCB-002										
PCB-003										
PCB-004										
PCB-005										
PCB-006										
PCB-007										
PCB-008										
PCB-009										
PCB-010										
PCB-011										
PCB-012										
PCB-014										
PCB-015										
PCB-016										
PCB-017										
PCB-018										
PCB-019										
PCB-020										
PCB-021										
PCB-022										
PCB-023										
PCB-024										
PCB-025										
PCB-026										
PCB-027										
PCB-031										
PCB-032										
PCB-034										
PCB-035										
PCB-036										
PCB-037										
PCB-038										
PCB-039										
PCB-040										

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012	7/3/2012
		OF004-120509-02	OF004-120515-01	OF004-120522-01	OF004-120529-01	OF004-120605-01	OF004-120612-01	OF004-120619-01	OF004-120626-01	OF004-120703-01
PCB-042										
PCB-043										
PCB-044										
PCB-045										
PCB-046										
PCB-048										
PCB-049										
PCB-050										
PCB-052										
PCB-054										
PCB-055										
PCB-056										
PCB-057										
PCB-058										
PCB-059										
PCB-060										
PCB-061										
PCB-063										
PCB-064										
PCB-066										
PCB-067										
PCB-068										
PCB-069										
PCB-072										
PCB-077	32598-13-3									
PCB-078										
PCB-079										
PCB-080										
PCB-081	70362-50-4									
PCB-082										
PCB-083										
PCB-084										
PCB-085										
PCB-086										
PCB-088										
PCB-089										
PCB-090										
PCB-092										
PCB-093										
PCB-094										
PCB-095										
PCB-096										
PCB-099										

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012	7/3/2012
		OF004-120509-02	OF004-120515-01	OF004-120522-01	OF004-120529-01	OF004-120605-01	OF004-120612-01	OF004-120619-01	OF004-120626-01	OF004-120703-01
PCB-103										
PCB-104										
PCB-105	32598-14-4									
PCB-106										
PCB-107										
PCB-109										
PCB-110										
PCB-111										
PCB-112										
PCB-114	74472-37-0									
PCB-118	31508-00-6									
PCB-119										
PCB-120										
PCB-121										
PCB-122										
PCB-123	65510-44-3									
PCB-126	57465-28-8									
PCB-127										
PCB-128										
PCB-129										
PCB-130										
PCB-131										
PCB-132										
PCB-133										
PCB-134										
PCB-136										
PCB-137										
PCB-139										
PCB-141										
PCB-142										
PCB-144										
PCB-145										
PCB-146										
PCB-147										
PCB-148										
PCB-150										
PCB-151										
PCB-152										
PCB-153										
PCB-154										
PCB-155										
PCB-156										
PCB-158										

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Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012	7/3/2012
		OF004-120509-02	OF004-120515-01	OF004-120522-01	OF004-120529-01	OF004-120605-01	OF004-120612-01	OF004-120619-01	OF004-120626-01	OF004-120703-01
PCB-159										
PCB-160										
PCB-161										
PCB-162										
PCB-164										
PCB-165										
PCB-167	52663-72-6									
PCB-169	32774-16-6									
PCB-170										
PCB-171										
PCB-172										
PCB-174										
PCB-175										
PCB-176										
PCB-177										
PCB-178										
PCB-179										
PCB-180										
PCB-181										
PCB-182										
PCB-183										
PCB-184										
PCB-186										
PCB-187										
PCB-188										
PCB-189	39635-31-9									
PCB-190										
PCB-191										
PCB-192										
PCB-194										
PCB-195										
PCB-196										
PCB-197										
PCB-198										
PCB-201										
PCB-202										
PCB-203										
PCB-204										
PCB-205										
PCB-206										
PCB-207										
PCB-208										
PCB-209										

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004	OF004
		5/9/2012	5/15/2012	5/22/2012	5/29/2012	6/5/2012	6/12/2012	6/19/2012	6/26/2012	7/3/2012
		OF004-120509-02	OF004-120515-01	OF004-120522-01	OF004-120529-01	OF004-120605-01	OF004-120612-01	OF004-120619-01	OF004-120626-01	OF004-120703-01
Hydrocarbons										
Diesel Fuel	68334-30-5									
Fuel Oil										
Jet Fuel										
Kerosene	8008-20-6									
Mineral Spirits	64475-85-0									
Motor Oil										
Oil and Grease		< 5000				< 5000				< 5000
TPH (Total)										
Other										
Biochemical Oxygen Demand										
Chemical Oxygen Demand										
Total Organic Carbon										
Total Settleable Solids		< 0.2				< 0.2				< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004
		7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF004-120710-01	OF004-120717-01	OF004-120724-01	OF004-120731-01	OF004-120807-01	OF004-120814-01
VOCs							
Dichloroethene, 1,2- (Total)	540-59-0						
Trichloroethene	79-01-6						
Vinyl Chloride	75-01-4						
SVOCs							
Phenolics, Total Recoverable							
Metals and Inorganics							
Aluminum	7429-90-5						
Aluminum, Dissolved							
Ammonia	7664-41-7						
Arsenic	7440-38-2						
Barium	7440-39-3						
Beryllium	7440-41-7						
Boron And Borates Only	7440-42-8						
Cadmium	7440-43-9						
Chlorine, Total Residual							
Chromium, Total	7440-47-3						
Cobalt	7440-48-4						
Copper	7440-50-8						
Cyanide	57-12-5						
Iron	7439-89-6						
Lead	7439-92-1						
Mercury	7439-97-6						
Molybdenum	7439-98-7						
Nickel	7440-02-0						
Nitrate	14797-55-8						
Nitrate & Nitrite							
Nitrite	14797-65-0						
Phosphorus	7723-14-0						
Potassium	7440-09-7						
Selenium	7782-49-2						
Silicon	7440-21-3						
Silver	7440-22-4						
Strontium, Stable	7440-24-6						
Sulfate	14808-79-8						
Thallium (Soluble Salts)	7440-28-0						
Titanium	7440-32-6						
Uranium	NA						
Uranium-234	13966-29-5						
Uranium-235	15117-96-1						
Uranium-238	7440-61-1						
Zinc	7440-66-6						

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004
		7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF004-120710-01	OF004-120717-01	OF004-120724-01	OF004-120731-01	OF004-120807-01	OF004-120814-01
PCBs and Dioxins							
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-001							
PCB-002							
PCB-003							
PCB-004							
PCB-005							
PCB-006							
PCB-007							
PCB-008							
PCB-009							
PCB-010							
PCB-011							
PCB-012							
PCB-014							
PCB-015							
PCB-016							
PCB-017							
PCB-018							
PCB-019							
PCB-020							
PCB-021							
PCB-022							
PCB-023							
PCB-024							
PCB-025							
PCB-026							
PCB-027							
PCB-031							
PCB-032							
PCB-034							
PCB-035							
PCB-036							
PCB-037							
PCB-038							
PCB-039							
PCB-040							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004
		7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF004-120710-01	OF004-120717-01	OF004-120724-01	OF004-120731-01	OF004-120807-01	OF004-120814-01
PCB-042							
PCB-043							
PCB-044							
PCB-045							
PCB-046							
PCB-048							
PCB-049							
PCB-050							
PCB-052							
PCB-054							
PCB-055							
PCB-056							
PCB-057							
PCB-058							
PCB-059							
PCB-060							
PCB-061							
PCB-063							
PCB-064							
PCB-066							
PCB-067							
PCB-068							
PCB-069							
PCB-072							
PCB-077	32598-13-3						
PCB-078							
PCB-079							
PCB-080							
PCB-081	70362-50-4						
PCB-082							
PCB-083							
PCB-084							
PCB-085							
PCB-086							
PCB-088							
PCB-089							
PCB-090							
PCB-092							
PCB-093							
PCB-094							
PCB-095							
PCB-096							
PCB-099							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004
		7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF004-120710-01	OF004-120717-01	OF004-120724-01	OF004-120731-01	OF004-120807-01	OF004-120814-01
PCB-103							
PCB-104							
PCB-105	32598-14-4						
PCB-106							
PCB-107							
PCB-109							
PCB-110							
PCB-111							
PCB-112							
PCB-114	74472-37-0						
PCB-118	31508-00-6						
PCB-119							
PCB-120							
PCB-121							
PCB-122							
PCB-123	65510-44-3						
PCB-126	57465-28-8						
PCB-127							
PCB-128							
PCB-129							
PCB-130							
PCB-131							
PCB-132							
PCB-133							
PCB-134							
PCB-136							
PCB-137							
PCB-139							
PCB-141							
PCB-142							
PCB-144							
PCB-145							
PCB-146							
PCB-147							
PCB-148							
PCB-150							
PCB-151							
PCB-152							
PCB-153							
PCB-154							
PCB-155							
PCB-156							
PCB-158							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004
		7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF004-120710-01	OF004-120717-01	OF004-120724-01	OF004-120731-01	OF004-120807-01	OF004-120814-01
PCB-159							
PCB-160							
PCB-161							
PCB-162							
PCB-164							
PCB-165							
PCB-167	52663-72-6						
PCB-169	32774-16-6						
PCB-170							
PCB-171							
PCB-172							
PCB-174							
PCB-175							
PCB-176							
PCB-177							
PCB-178							
PCB-179							
PCB-180							
PCB-181							
PCB-182							
PCB-183							
PCB-184							
PCB-186							
PCB-187							
PCB-188							
PCB-189	39635-31-9						
PCB-190							
PCB-191							
PCB-192							
PCB-194							
PCB-195							
PCB-196							
PCB-197							
PCB-198							
PCB-201							
PCB-202							
PCB-203							
PCB-204							
PCB-205							
PCB-206							
PCB-207							
PCB-208							
PCB-209							

Table A-28
Comparison of Surface Water Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	OF004	OF004	OF004	OF004	OF004	OF004
		7/10/2012	7/17/2012	7/24/2012	7/31/2012	8/7/2012	8/14/2012
		OF004-120710-01	OF004-120717-01	OF004-120724-01	OF004-120731-01	OF004-120807-01	OF004-120814-01
Hydrocarbons							
Diesel Fuel	68334-30-5						
Fuel Oil							
Jet Fuel							
Kerosene	8008-20-6						
Mineral Spirits	64475-85-0						
Motor Oil							
Oil and Grease						< 5000	
TPH (Total)							
Other							
Biochemical Oxygen Demand							
Chemical Oxygen Demand							
Total Organic Carbon							
Total Settleable Solids						< 0.2	

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-29
Comparison of Background Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	95T98BR1SED	95T98BR2SED	95T98IC1SED	95T99IC1SED	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG
		7/10/1998	7/10/1998	7/9/1998	8/12/1999	7/20/2001	12/7/2001	1/8/2002	4/11/2002	7/3/2002
		SDAIC95T980710-01-01	SDAIC95T980710-02-01	SDAIC95T980709-01-01	SDAIC95T990812-01-01	SDHOLBRG-010720-01	SDHOLBRG-011207-04	SDHOLBRG-020108-04	SDHOLBRG-020411-04	SDHOLBRG-020703-04
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.033	< 0.033	< 0.16	< 0.33	< 0.033	< 0.19	< 0.2	< 0.2	< 0.2
Aroclor 1221	11104-28-2	< 0.033	< 0.033	< 0.16	< 0.33	< 0.033	< 0.19	< 0.2	< 0.2	< 0.2
Aroclor 1232	11141-16-5	< 0.033	< 0.033	< 0.16	< 0.33	< 0.033	< 0.19	< 0.2	< 0.2	< 0.2
Aroclor 1242	53469-21-9	< 0.033	< 0.033	< 0.16	< 0.33	< 0.033	< 0.19	< 0.2	< 0.2	< 0.2
Aroclor 1248	12672-29-6	< 0.033	< 0.033	< 0.16	< 0.33	< 0.033	< 0.19	< 0.2	< 0.2	< 0.2
Aroclor 1254	11097-69-1	< 0.033	< 0.033	< 0.16	< 0.33	< 0.033	< 0.19	< 0.2	< 0.2	< 0.2
Aroclor 1260	11096-82-5	< 0.033	< 0.033	< 0.16	< 0.33	< 0.033	< 0.19	< 0.2	< 0.2	< 0.2

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
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Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-29
Comparison of Background Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG
		10/22/2002	1/14/2003	4/16/2003	7/14/2003	10/13/2003	1/21/2004	4/28/2004	7/21/2004	10/20/2004
		SDHOLBRG-021022-04	SDHOLBRG-030114-04	SDHOLBRG-030416-04	SDHOLBRG-030714-04	SDHOLBRG-31013-04	SDHOLBRG-040121-04	SDHOLBRG-040428-04	SDHOLBRG-040721-04	SDHOLBRG-041020-04
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.033	< 0.2	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1221	11104-28-2	< 0.033	< 0.2	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1232	11141-16-5	< 0.033	< 0.2	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1242	53469-21-9	< 0.033	< 0.2	< 0.033	< 0.033	< 0.033	0.0093 J	< 0.033	< 0.033	< 0.033
Aroclor 1248	12672-29-6	< 0.033	< 0.2	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1254	11097-69-1	< 0.033	< 0.2	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Aroclor 1260	11096-82-5	< 0.033	< 0.2	< 0.033	< 0.033	< 0.033	0.015 J	< 0.033	< 0.033	< 0.033

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Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-29
Comparison of Background Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG
		1/20/2005	4/22/2005	7/25/2005	10/17/2005	10/27/2005	2/6/2006	4/14/2006	7/17/2006	10/9/2006
		SDHOLBRG-050120-04	SDHOLBRG-050422-04	SDHOLBRG-050725-04	SDHOLBRG-051017-04	SDHOLBRG-051027-04	SDHOLBRG-060206-04	SDHOLBRG-060403-04	SDHOLBRG-060717-04	SDHOLBRG-061009-04
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.033	< 0.16	< 0.033	< 0.33	< 0.0329	< 0.33	< 0.033	< 0.0329	< 0.033
Aroclor 1221	11104-28-2	< 0.033	< 0.16	< 0.033	< 0.33	< 0.0329	< 0.33	< 0.033	< 0.0329	< 0.033
Aroclor 1232	11141-16-5	< 0.033	< 0.16	< 0.033	< 0.33	< 0.0329	< 0.33	< 0.033	< 0.0329	< 0.033
Aroclor 1242	53469-21-9	< 0.033	< 0.16	< 0.033	< 0.33	< 0.0329	< 0.33	< 0.033	< 0.0329	< 0.033
Aroclor 1248	12672-29-6	< 0.033	< 0.16	< 0.033	< 0.33	< 0.0329	< 0.33	< 0.033	< 0.0329	< 0.033
Aroclor 1254	11097-69-1	**0.1**	< 0.16	< 0.033	**1.23**	< 0.0329	< 0.33	< 0.033	< 0.0329	< 0.033
Aroclor 1260	11096-82-5	< 0.033	< 0.16	< 0.033	< 0.33	< 0.0329	< 0.33	< 0.033	< 0.0329	< 0.033

Notes:
< = Result is non-detect, less than the reporting limit given.
"<0" = Result is non-detect, reporting limit not available.
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Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-29
Comparison of Background Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDHOLBRG 1/8/2007 SDHOLBRG-070108-01	SDHOLBRG 4/5/2007 SDHOLBRG-070405-01	SDHOLBRG 7/2/2007 SDHOLBRG-070702-01	SDHOLBRG 10/1/2007 SDHOLBRG-071001-01	SDHOLBRG 1/7/2008 SDHOLBRG-080107-01	SDHOLBRG 4/30/2008 SDHOLBRG-080430-01	SDHOLBRG 7/2/2008 SDHOLBRG-080702-01	SDHOLBRG 10/1/2008 SDHOLBRG-081001-01	SDHOLBRG 2/2/2009 SDHOLBRG-090202-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.0377	< 0.0328	< 0.0325	< 0.0324	< 0.0329	< 0.0324	< 0.0326	< 0.0328	< 0.0327
Aroclor 1221	11104-28-2	< 0.0377	< 0.0328	< 0.0325	< 0.0324	< 0.0329	< 0.0324	< 0.0326	< 0.0328	< 0.0327
Aroclor 1232	11141-16-5	< 0.0377	< 0.0328	< 0.0325	< 0.0324	< 0.0329	< 0.0324	< 0.0326	< 0.0328	< 0.0327
Aroclor 1242	53469-21-9	< 0.0377	< 0.0328	< 0.0325	< 0.0324	< 0.0329	< 0.0324	< 0.0326	< 0.0328	< 0.0327
Aroclor 1248	12672-29-6	< 0.0377	< 0.0328	< 0.0325	< 0.0324	**0.316**	< 0.0324	< 0.0326	< 0.0328	< 0.0327
Aroclor 1254	11097-69-1	< 0.0377	< 0.0328	< 0.0325	< 0.0324	**0.547**	< 0.0324	< 0.0326	< 0.0328	< 0.0327
Aroclor 1260	11096-82-5	< 0.0377	< 0.0328	< 0.0325	< 0.0324	< 0.0329	< 0.0324	< 0.0326	< 0.0328	< 0.0327

Notes:
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Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-29
Comparison of Background Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG
		4/17/2009	7/14/2009	10/13/2009	2/12/2010	4/13/2010	8/6/2010	10/25/2010	2/18/2011	3/15/2011
		SDHOLBRG-090417-01	SDHOLBRG-090714-01	SDHOLBRG-091013-01	SDHOLBRG-100212-01	SDHOLBRG-100413-01	SDHOLBRG-0806-01	SDHOLBRG-101025-01	SDHOLBRG-110218-01	SDHOLBRG-110315-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.56	< 0.0328	< 0.0325	< 0.0326	< 0.0329	< 0.483	< 0.0327	< 0.0328	< 0.0321
Aroclor 1221	11104-28-2	< 0.56	< 0.0328	< 0.0325	< 0.0326	< 0.0329	< 0.483	< 0.0327	< 0.0328	< 0.0321
Aroclor 1232	11141-16-5	< 0.56	< 0.0328	< 0.0325	< 0.0326	< 0.0329	< 0.483	< 0.0327	< 0.0328	< 0.0321
Aroclor 1242	53469-21-9	< 0.56	< 0.0328	< 0.0325	< 0.0326	< 0.0329	< 0.483	< 0.0327	< 0.0328	< 0.0321
Aroclor 1248	12672-29-6	< 0.56	< 0.0328	< 0.0325	< 0.0326	< 0.0329	< 0.483	< 0.0327	< 0.0328	< 0.0321
Aroclor 1254	11097-69-1	< 0.56	< 0.0328	< 0.0325	< 0.0326	< 0.0329	< 0.483	< 0.0327	< 0.0328	< 0.0321
Aroclor 1260	11096-82-5	< 0.56	< 0.0328	< 0.0325	< 0.0326	< 0.0329	< 0.483	< 0.0327	< 0.0328	< 0.0321

Notes:
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Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-29
Comparison of Background Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG	SDHOLBRG
		4/18/2011	7/19/2011	10/21/2011	1/9/2012	4/10/2012	7/10/2012
		SDHOLBRG-110418-01	SDHOLBRG-110719-01	SDHOLBRG-111021-01	SDHOLBRG-120109-01	SDHOLBRG-120410-01	SDHOLBRG-120710-01
PCBs and Dioxins							
Aroclor 1016	12674-11-2	< 0.0324	< 0.0163	< 0.0974	< 0.0329	< 0.033	< 0.0324
Aroclor 1221	11104-28-2	< 0.0324	< 0.0163	< 0.195	< 0.0658	< 0.0659	< 0.0647
Aroclor 1232	11141-16-5	< 0.0324	< 0.0163	< 0.0974	< 0.0329	< 0.033	< 0.0324
Aroclor 1242	53469-21-9	< 0.0324	< 0.0163	< 0.0974	< 0.0329	< 0.033	< 0.0324
Aroclor 1248	12672-29-6	< 0.0324	< 0.0163	< 0.0974	< 0.0329	< 0.033	< 0.0324
Aroclor 1254	11097-69-1	< 0.0324	< 0.0163	< 0.0974	< 0.0329	< 0.033	< 0.0324
Aroclor 1260	11096-82-5	< 0.0324	< 0.0163	< 0.0974	< 0.0329	< 0.033	< 0.0324

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Table A-30
Comparison of Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	95T98BR3SED	95T98BR4SED	95T98IC4SED	95T98IC6SED	95T98IC7SED	95T98IC8SED	95T98IC9SED	95T99IC2SED	95T99IC3SED
		7/10/1998	7/10/1998	7/9/1998	7/9/1998	7/9/1998	7/9/1998	7/9/1998	8/12/1999	8/12/1999
		SDAIC95T980710-03-01	SDAIC95T980710-04-01	SDAIC95T980709-02-01	SDAIC95T980709-03-01	SDAIC95T980709-04-01	SDAIC95T980709-05-01	SDAIC95T980709-06-01	SDAIC95T990812-02-01	SDAIC95T990812-03-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.033	< 0.033	< 0.16	< 0.033	< 0.16	< 0.16	< 0.033	< 0.32	< 0.33
Aroclor 1221	11104-28-2	< 0.033	< 0.033	< 0.16	< 0.033	< 0.16	< 0.16	< 0.033	< 0.32	< 0.33
Aroclor 1232	11141-16-5	< 0.033	< 0.033	< 0.16	< 0.033	< 0.16	< 0.16	< 0.033	< 0.32	< 0.33
Aroclor 1242	53469-21-9	< 0.033	< 0.033	< 0.16	< 0.033	**0.48**	**2.3**	< 0.033	< 0.32	**0.83**
Aroclor 1248	12672-29-6	< 0.033	< 0.033	< 0.16	< 0.033	< 0.16	< 0.16	< 0.033	< 0.32	< 0.33
Aroclor 1254	11097-69-1	< 0.033	< 0.033	< 0.16	< 0.033	< 0.16	< 0.16	< 0.033	< 0.32	< 0.33
Aroclor 1260	11096-82-5	< 0.033	< 0.033	< 0.16	< 0.033	< 0.16	< 0.16	< 0.033	< 0.32	< 0.33

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Table A-30
Comparison of Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	95T99IC4SED	95T99IC5SED	OF002	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		8/12/1999	8/12/1999	3/7/2001	7/20/2001	8/15/2001	8/15/2001	8/15/2001	12/7/2001	1/8/2002
		SDAIC95T990812-04-01	SDAIC95T990812-05-01	OF02SED-010307-01	SDOF2IC-010720-01	SDOF2IC-010815-01	SDOF2IC-010815-02	SDOF2IC-010815-03	SDOF2IC-011207-04	SDOF2IC-020108-04
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.33	< 0.32	< 0.19	< 0.32	< 0.19	< 0.19	< 0.2	< 0.78	< 0.2
Aroclor 1221	11104-28-2	< 0.33	< 0.32	< 0.19	< 0.32	< 0.19	< 0.19	< 0.2	< 0.78	< 0.2
Aroclor 1232	11141-16-5	< 0.33	< 0.32	< 0.19	< 0.32	< 0.19	< 0.19	< 0.2	< 0.78	< 0.2
Aroclor 1242	53469-21-9	**0.57**	< 0.32	**0.65**	**12**	< 0.19	**1.5**	**1.7**	**6.4**	< 0.2
Aroclor 1248	12672-29-6	< 0.33	< 0.32	< 0.19	< 0.32	< 0.19	< 0.19	< 0.2	< 0.78	< 0.2
Aroclor 1254	11097-69-1	< 0.33	< 0.32	< 0.19	< 0.32	< 0.19	< 0.19	< 0.2	< 0.78	< 0.2
Aroclor 1260	11096-82-5	< 0.33	< 0.32	< 0.19	< 0.32	< 0.19	< 0.19	< 0.2	< 0.78	< 0.2

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Table A-30
Comparison of Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		4/11/2002	7/3/2002	7/3/2002	7/3/2002	7/3/2002	8/15/2002	8/15/2002	8/15/2002	10/22/2002
		SDOF2IC-020411-04	SDOF2IC-020703-01	SDOF2IC-020703-02	SDOF2IC-020703-03	SDOF2IC-020703-04	SDOF2IC-020815-01	SDOF2IC-020815-02	SDOF2IC-020815-03	SDOF2IC-021022-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.2	< 0.2	< 0.2	< 20	< 1.9	< 0.2	< 0.2	< 2	< 0.19
Aroclor 1221	11104-28-2	< 0.2	< 0.2	< 0.2	< 20	< 1.9	< 0.2	< 0.2	< 2	< 0.19
Aroclor 1232	11141-16-5	< 0.2	< 0.2	< 0.2	< 20	< 1.9	< 0.2	< 0.2	< 2	< 0.19
Aroclor 1242	53469-21-9	< 0.2	< 0.2	< 0.2	**44**	**11**	0.17	**0.43**	**12**	0.082
Aroclor 1248	12672-29-6	< 0.2	< 0.2	< 0.2	< 20	< 1.9	< 0.2	< 0.2	< 2	< 0.19
Aroclor 1254	11097-69-1	< 0.2	< 0.2	< 0.2	< 20	< 1.9	< 0.2	< 0.2	< 2	< 0.19
Aroclor 1260	11096-82-5	< 0.2	< 0.2	< 0.2	< 20	< 1.9	< 0.2	< 0.2	< 2	< 0.19

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Table A-30
Comparison of Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	
		10/22/2002	10/22/2002	10/22/2002	1/14/2003	4/16/2003	7/14/2003	10/13/2003	1/21/2004	4/28/2004	
		SDOF2IC-021022-02	SDOF2IC-021022-03	SDOF2IC-021022-04	SDOF2IC-030114-04	SDOF2IC-030416-04	SDOF2IC-030714-04	SDOF2IC-031013-04	SDOF2IC-040121-04	SDOF2IC-040428-04	SDO
PCBs and Dioxins											
Aroclor 1016	12674-11-2	< 0.2	< 0.19	< 1.6	< 0.2	< 0.033	< 0.033	< 0.033	< 0.16	< 0.033	<
Aroclor 1221	11104-28-2	< 0.2	< 0.19	< 1.6	< 0.2	< 0.033	< 0.033	< 0.033	< 0.16	< 0.033	<
Aroclor 1232	11141-16-5	< 0.2	< 0.19	< 1.6	< 0.2	< 0.033	< 0.033	< 0.033	< 0.16	< 0.033	<
Aroclor 1242	53469-21-9	**0.26**	**1.8**	**7.5**	< 0.2	< 0.033	< 0.033	0.056	< 0.16	< 0.033	
Aroclor 1248	12672-29-6	< 0.2	< 0.19	< 1.6	< 0.2	< 0.033	**0.11**	< 0.033	**0.96**	**0.075**	<
Aroclor 1254	11097-69-1	< 0.2	< 0.19	< 1.6	< 0.2	< 0.033	< 0.033	< 0.033	< 0.16	< 0.033	<
Aroclor 1260	11096-82-5	< 0.2	< 0.19	< 1.6	< 0.2	< 0.033	< 0.033	0.047	**0.19**	0.046	

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Table A-30
Comparison of Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		7/21/2004	10/20/2004	1/20/2005	4/22/2005	7/25/2005	10/17/2005	10/27/2005	2/6/2006	4/14/2006
		OF2IC-040721-04	SDOF2IC-041020-04	SDOF2IC-050120-04	SDOF2IC-050422-04	SDOF2IC-050725-04	SDOF2IC-051017-04	SDOF2IC-051027-04	SDOF2IC-060206-04	SDOF2IC-060403-04
PCBs and Dioxins										
Aroclor 1016	12674-11-2	0.033	< 0.033	< 0.33	< 0.16	< 0.033	< 0.329	< 0.329	< 0.329	< 0.0329
Aroclor 1221	11104-28-2	0.033	< 0.033	< 0.33	< 0.16	< 0.033	< 0.329	< 0.329	< 0.329	< 0.0329
Aroclor 1232	11141-16-5	0.033	< 0.033	< 0.33	< 0.16	< 0.033	< 0.329	< 0.329	< 0.329	< 0.0329
Aroclor 1242	53469-21-9	**0.45**	**0.49**	**1.7**	**0.27**	0.034	**2.82**	**0.454**	< 0.329	**0.478**
Aroclor 1248	12672-29-6	0.033	< 0.033	< 0.33	< 0.16	< 0.033	< 0.329	< 0.329	< 0.329	< 0.0329
Aroclor 1254	11097-69-1	0.033	< 0.033	< 0.33	< 0.16	< 0.033	< 0.329	< 0.329	< 0.329	< 0.0329
Aroclor 1260	11096-82-5	0.073	< 0.033	< 0.33	< 0.16	< 0.033	< 0.329	< 0.329	< 0.329	< 0.0329

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Comparison of Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		7/17/2006	10/9/2006	10/9/2006	10/9/2006	10/9/2006	1/8/2007	1/8/2007	1/8/2007	4/5/2007
		SDOF2IC-060717-04	SDOF2IC-061009-01	SDOF2IC-061009-02	SDOF2IC-061009-03	SDOF2IC-061009-04	SDOF2IC-070108-01	SDOF2IC-070108-02	SDOF2IC-070108-03	SDOF2IC-070405-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.033	< 0.033	< 0.033	< 0.0329	< 0.033	< 0.033	< 0.0658	< 0.659	< 0.0327
Aroclor 1221	11104-28-2	< 0.033	< 0.033	< 0.033	< 0.0329	< 0.033	< 0.033	< 0.0658	< 0.659	< 0.0327
Aroclor 1232	11141-16-5	< 0.033	< 0.033	< 0.033	< 0.0329	< 0.033	< 0.033	< 0.0658	< 0.659	< 0.0327
Aroclor 1242	53469-21-9	**0.213**	< 0.033	< 0.033	**0.436**	**0.16**	< 0.033	< 0.0658	< 0.659	< 0.0327
Aroclor 1248	12672-29-6	< 0.033	< 0.033	< 0.033	< 0.0329	< 0.033	< 0.033	**0.905**	**3.36**	< 0.0327
Aroclor 1254	11097-69-1	< 0.033	< 0.033	**0.145**	< 0.0329	< 0.033	< 0.033	< 0.0658	< 0.659	< 0.0327
Aroclor 1260	11096-82-5	< 0.033	< 0.033	< 0.033	< 0.0329	< 0.033	< 0.033	< 0.0658	< 0.659	< 0.0327

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Comparison of Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		4/5/2007	4/5/2007	7/2/2007	7/2/2007	7/2/2007	10/1/2007	10/1/2007	10/1/2007	1/7/2008
		SDOF2IC-070405-02	SDOF2IC-070405-03	SDOF2IC-07072-01	SDOF2IC-07072-02	SDOF2IC-07072-03	SDOF2IC-071001-01	SDOF2IC-071001-02	SDOF2IC-071001-03	SDOF2IC-080107-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.033	< 0.0328	< 0.032	< 0.0328	< 0.0325	< 0.0607	< 0.327	< 0.041	< 0.0321
Aroclor 1221	11104-28-2	< 0.033	< 0.0328	< 0.032	< 0.0328	< 0.0325	< 0.0607	< 0.327	< 0.041	< 0.0321
Aroclor 1232	11141-16-5	< 0.033	< 0.0328	< 0.032	< 0.0328	< 0.0325	< 0.0607	< 0.327	< 0.041	< 0.0321
Aroclor 1242	53469-21-9	0.0562	< 0.0328	< 0.032	< 0.0328	**0.0661**	< 0.0607	< 0.327	< 0.041	< 0.0321
Aroclor 1248	12672-29-6	< 0.033	< 0.0328	< 0.032	< 0.0328	< 0.0325	< 0.0607	**1.14**	< 0.041	< 0.0321
Aroclor 1254	11097-69-1	< 0.033	< 0.0328	< 0.032	< 0.0328	< 0.0325	< 0.0607	< 0.327	< 0.041	< 0.0321
Aroclor 1260	11096-82-5	< 0.033	< 0.0328	< 0.032	< 0.0328	< 0.0325	< 0.0607	< 0.327	< 0.041	< 0.0321

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Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		1/7/2008	1/7/2008	4/30/2008	4/30/2008	4/30/2008	7/2/2008	7/2/2008	7/2/2008	10/1/2008
		SDOF2IC-080107-02	SDOF2IC-080107-03	SDOF2IC-080430-01	SDOF2IC-080430-02	SDOF2IC-080430-03	SDOF2IC-080702-01	SDOF2IC-080702-02	SDOF2IC-080702-03	SDOF2IC-081001-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.0322	< 0.0319	< 0.0326	< 0.0325	< 0.0324	< 0.0327	< 0.322	< 0.322	< 0.0328
Aroclor 1221	11104-28-2	< 0.0322	< 0.0319	< 0.0326	< 0.0325	< 0.0324	< 0.0327	< 0.322	< 0.322	< 0.0328
Aroclor 1232	11141-16-5	< 0.0322	< 0.0319	< 0.0326	< 0.0325	< 0.0324	< 0.0327	< 0.322	< 0.322	< 0.0328
Aroclor 1242	53469-21-9	**12.7**	< 0.0319	< 0.0326	< 0.0325	< 0.0324	< 0.0327	**1.9**	**1.12**	**0.0675**
Aroclor 1248	12672-29-6	**2.31**	0.0856	< 0.0326	< 0.0325	< 0.0324	< 0.0327	< 0.322	< 0.322	< 0.0328
Aroclor 1254	11097-69-1	< 0.0322	< 0.0319	< 0.0326	< 0.0325	< 0.0324	< 0.0327	< 0.322	< 0.322	< 0.0328
Aroclor 1260	11096-82-5	< 0.0322	< 0.0319	< 0.0326	< 0.0325	< 0.0324	< 0.0327	< 0.322	< 0.322	< 0.0328

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Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		10/1/2008	10/1/2008	2/2/2009	2/2/2009	2/2/2009	4/17/2009	4/17/2009	4/17/2009	7/14/2009
		SDOF2IC-081001-02	SDOF2IC-081001-03	SDOF2IC-090202-01	SDOF2IC-090202-02	SDOF2IC-090202-03	SDOF2IC-090417-01	SDOF2IC-090417-02	SDOF2IC-090417-03	SDOF2IC-090714-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.0321	< 0.0326	< 0.0327	< 0.0325	< 0.0325	< 0.642	< 0.333	< 0.732	< 0.0327
Aroclor 1221	11104-28-2	< 0.0321	< 0.0326	< 0.0327	< 0.0325	< 0.0325	< 0.642	< 0.333	< 0.732	< 0.0327
Aroclor 1232	11141-16-5	< 0.0321	< 0.0326	< 0.0327	< 0.0325	< 0.0325	< 0.642	< 0.333	< 0.732	< 0.0327
Aroclor 1242	53469-21-9	**0.259**	**0.336**	< 0.0327	**0.582**	**0.602**	< 0.642	**1.77**	< 0.732	< 0.0327
Aroclor 1248	12672-29-6	< 0.0321	< 0.0326	< 0.0327	< 0.0325	< 0.0325	< 0.642	< 0.333	< 0.732	< 0.0327
Aroclor 1254	11097-69-1	< 0.0321	< 0.0326	< 0.0327	< 0.0325	< 0.0325	< 0.642	< 0.333	< 0.732	< 0.0327
Aroclor 1260	11096-82-5	< 0.0321	< 0.0326	< 0.0327	< 0.0325	< 0.0325	< 0.642	< 0.333	< 0.732	< 0.0327

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Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		7/14/2009	7/14/2009	10/13/2009	10/13/2009	10/13/2009	2/12/2010	2/12/2010	2/12/2010	4/13/2010
		SDOF2IC-090714-02	SDOF2IC-090714-03	SDOF2IC-091013-01	SDOF2IC-091013-02	SDOF2IC-091013-03	SDOF2IC-100212-01	SDOF2IC-100212-02	SDOF2IC-100212-03	SDOF2IC-100413-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.326	< 0.0328	< 0.0329	< 0.0325	< 0.033	< 0.0326	< 0.0329	< 0.0325	< 0.0325
Aroclor 1221	11104-28-2	< 0.326	< 0.0328	< 0.0329	< 0.0325	< 0.033	< 0.0326	< 0.0329	< 0.0325	< 0.0325
Aroclor 1232	11141-16-5	< 0.326	< 0.0328	< 0.0329	< 0.0325	< 0.033	< 0.0326	< 0.0329	< 0.0325	< 0.0325
Aroclor 1242	53469-21-9	**1.5**	**0.224**	**0.0842**	**1.88**	**0.609**	< 0.0326	**0.0742**	< 0.0325	< 0.0325
Aroclor 1248	12672-29-6	< 0.326	< 0.0328	< 0.0329	< 0.0325	< 0.033	< 0.0326	< 0.0329	< 0.0325	< 0.0325
Aroclor 1254	11097-69-1	< 0.326	< 0.0328	< 0.0329	< 0.0325	< 0.033	< 0.0326	< 0.0329	< 0.0325	< 0.0325
Aroclor 1260	11096-82-5	< 0.326	< 0.0328	< 0.0329	< 0.0325	< 0.033	< 0.0326	< 0.0329	< 0.0325	< 0.0325

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Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		4/13/2010	4/13/2010	8/6/2010	8/6/2010	8/6/2010	10/25/2010	10/25/2010	10/25/2010	2/18/2011
		SDOF2IC-100413-02	SDOF2IC-100413-03	SDOF2IC-0806-01	SDOF2IC-0806-02	SDOF2IC-0806-03	SDOF2IC-101025-01	SDOF2IC-101025-02	SDOF2IC-101025-03	SDOF2IC-110218-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.0918	< 0.0329	< 0.396	< 0.411	< 0.493	< 0.0325	< 0.33	< 0.0328	< 0.0326
Aroclor 1221	11104-28-2	< 0.0918	< 0.0329	< 0.396	< 0.411	< 0.493	< 0.0325	< 0.33	< 0.0328	< 0.0326
Aroclor 1232	11141-16-5	< 0.0918	< 0.0329	< 0.396	< 0.411	< 0.493	< 0.0325	< 0.33	< 0.0328	< 0.0326
Aroclor 1242	53469-21-9	< 0.0918	**0.103**	< 0.396	< 0.411	**1.43**	< 0.0325	**5.63**	< 0.0328	**0.0737**
Aroclor 1248	12672-29-6	< 0.0918	< 0.0329	< 0.396	< 0.411	< 0.493	< 0.0325	< 0.33	< 0.0328	< 0.0326
Aroclor 1254	11097-69-1	< 0.0918	< 0.0329	< 0.396	< 0.411	< 0.493	< 0.0325	< 0.33	< 0.0328	< 0.0326
Aroclor 1260	11096-82-5	< 0.0918	< 0.0329	< 0.396	< 0.411	< 0.493	< 0.0325	< 0.33	< 0.0328	< 0.0326

Notes:
< = Result is non-detect, less than the reporting limit given.
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BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-30
Comparison of Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		2/18/2011	2/18/2011	3/15/2011	3/15/2011	3/15/2011	4/18/2011	4/18/2011	4/18/2011	7/19/2011
		SDOF2IC-110218-02	SDOF2IC-110218-03	SDOF2IC-110315-01	SDOF2IC-110315-02	SDOF2IC-110315-03	SDOF2IC-110418-01	SDOF2IC-110418-02	SDOF2IC-110418-03	SDOF2IC-110719-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.325	< 0.0326	< 0.0326	< 0.163	< 0.0326	< 0.0329	< 0.0325	< 0.0323	< 0.0161
Aroclor 1221	11104-28-2	< 0.325	< 0.0326	< 0.0326	< 0.163	< 0.0326	< 0.0329	< 0.0325	< 0.0323	< 0.0161
Aroclor 1232	11141-16-5	< 0.325	< 0.0326	< 0.0326	< 0.163	< 0.0326	< 0.0329	< 0.0325	< 0.0323	< 0.0161
Aroclor 1242	53469-21-9	**2.31**	< 0.0326	< 0.0326	< 0.163	< 0.0326	< 0.0329	< 0.0325	< 0.0323	< 0.0161
Aroclor 1248	12672-29-6	< 0.325	< 0.0326	< 0.0326	**1.18**	< 0.0326	< 0.0329	**0.583**	< 0.0323	< 0.0161
Aroclor 1254	11097-69-1	< 0.325	< 0.0326	< 0.0326	< 0.163	< 0.0326	< 0.0329	< 0.0325	< 0.0323	< 0.0161
Aroclor 1260	11096-82-5	< 0.325	0.0373	< 0.0326	< 0.163	< 0.0326	< 0.0329	< 0.0325	< 0.0323	< 0.0161

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Table A-30
Comparison of Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		7/19/2011	7/19/2011	10/21/2011	10/21/2011	10/21/2011	1/9/2012	1/9/2012	1/9/2012	4/10/2012
		SDOF2IC-110719-02	SDOF2IC-110719-03	SDOF2IC-111021-01	SDOF2IC-111021-02	SDOF2IC-111021-03	SDOF2IC-120109-01	SDOF2IC-120109-02	SDOF2IC-120109-03	SDOF2IC-120410-01
PCBs and Dioxins										
Aroclor 1016	12674-11-2	< 0.0326	< 0.0163	< 0.0986	< 0.0972	< 0.0939	< 0.0327	< 0.329	< 0.0329	< 0.033
Aroclor 1221	11104-28-2	< 0.0326	< 0.0163	< 0.197	< 0.194	< 0.188	< 0.0655	< 0.657	< 0.0659	< 0.066
Aroclor 1232	11141-16-5	< 0.0326	< 0.0163	< 0.0986	< 0.0972	< 0.0939	< 0.0327	< 0.329	< 0.0329	< 0.033
Aroclor 1242	53469-21-9	< 0.0326	**0.269**	0.143	**0.671**	< 0.0939	< 0.0327	< 0.329	< 0.0329	< 0.033
Aroclor 1248	12672-29-6	< 0.0326	< 0.0163	< 0.0986	< 0.0972	< 0.0939	< 0.0327	**2.8**	**0.176**	< 0.033
Aroclor 1254	11097-69-1	< 0.0326	< 0.0163	< 0.0986	**0.628**	< 0.0939	< 0.0327	< 0.329	< 0.0329	< 0.033
Aroclor 1260	11096-82-5	< 0.0326	< 0.0163	< 0.0986	< 0.0972	< 0.0939	< 0.0327	< 0.329	< 0.0329	< 0.033

Notes:
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Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-30
Comparison of Sediment Data to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC	SDOF2IC
		4/10/2012	4/10/2012	7/10/2012	7/10/2012	7/10/2012
		SDOF2IC-120410-02	SDOF2IC-120410-03	SDOF2IC-120710-01	SDOF2IC-120710-02	SDOF2IC-120710-03
PCBs and Dioxins						
Aroclor 1016	12674-11-2	< 0.0328	< 0.0326	< 0.0327	< 0.0322	< 0.0328
Aroclor 1221	11104-28-2	< 0.0657	< 0.0652	< 0.0654	< 0.0643	< 0.0656
Aroclor 1232	11141-16-5	< 0.0328	< 0.0326	< 0.0327	< 0.0322	< 0.0328
Aroclor 1242	53469-21-9	< 0.0328	0.0989	< 0.0327	< 0.0322	< 0.0328
Aroclor 1248	12672-29-6	< 0.0328	< 0.0326	< 0.0327	< 0.0322	0.057
Aroclor 1254	11097-69-1	< 0.0328	< 0.0326	< 0.0327	< 0.0322	< 0.0328
Aroclor 1260	11096-82-5	< 0.0328	< 0.0326	< 0.0327	< 0.0322	< 0.0328

Notes:
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BOLD indicates concentration greater than ecological screening criteria.
Yellow highlighting indicates concentration greater than human health industrial screening criteria.
Orange highlighting indicates concentration greater than human health residential and industrial screening criteria.

Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BCK0.2	BCK0.2	BCK0.2	BCK0.2	BLK25	BLK25	BLK25	BLK25	BLK25
		6/7/2007	6/7/2007	6/7/2007	6/7/2007	6/5/2007	6/5/2007	6/5/2007	6/6/2007	6/6/2007
		12967	12968	12969	13249	13150	13151	13171	13152	13153
PCBs and Dioxins										
Aroclor 1248	12672-29-6	0.14	0.31	0.19		0.18	0.3	0.065	0.3	0.2
Aroclor 1254	11097-69-1	0.076	0.28	0.1		0.14	0.25	0.04	0.24	0.15
Aroclor 1260	11096-82-5	<	<	<		0.056	<	0.024	<	0.061
PCB Sum of 209	NA	0.28768	0.52426	0.32197	0.08896	0.59806	0.92662	0.06569	0.94008	0.54704
PCB-077	32598-13-3	0.00032	0.00054	0.0003	0.00002	0.00009	<	0.00012	<	8.2E-05
PCB-081	70362-50-4	<	<	<	<	<	<	<	<	<
PCB-105	32598-14-4	0.0015	0.0041	0.0018	0.00029	0.0026	0.0045	0.00034	0.0045	0.0027
PCB-114	74472-37-0	0.00011	0.00032	0.00011	2.3E-05	0.00016	0.00045	2.1E-05	0.00028	0.00025
PCB-118	31508-00-6	0.0037	0.011	0.0043	0.00078	0.0063	0.011	0.00074	0.011	0.0067
PCB-123	65510-44-3	6.9E-05	0.00011	5.8E-05	1.3E-05	0.00013	0.00022	1.1E-05	0.00029	0.00015
PCB-126	57465-28-8	<	<	3.7E-05	<	0.00018	0.00023	<	0.00015	0.00013
PCB-157	69782-90-7	0.00036	0.0013	0.00039	8.8E-05	0.00045	0.0007	7.2E-05	0.00066	0.00044
PCB-167	52663-72-6	0.0001	0.00034	0.00011	3.2E-05	0.00021	0.00028	2.5E-05	0.00034	0.00022
PCB-169	32774-16-6	<	<	<	<	<	<	<	<	<
PCB-189	39635-31-9	<	4.4E-05	<	<	5.3E-05	8.6E-05	<	<	4.5E-05
Other										
% Lipids		0.0016	0.0017	0.0019		0.0064	0.0056	0.0018	0.0056	0.0046

Notes:
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Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLK25	BLK25	BLK25	BLK25	BLK25	BLK25	BLK25	BLK25	BLK25
		6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007
		13154	13155	13156	13157	13172	13173	13174	13175	13176
PCBs and Dioxins										
Aroclor 1248	12672-29-6	0.2	0.17	0.014	0.26	0.036	0.062	0.043	0.09	0.095
Aroclor 1254	11097-69-1	0.18	0.12	0.009 j	0.19	0.019	0.043	0.032	0.044	0.042
Aroclor 1260	11096-82-5	0.07	0.044	0.008 j	0.12	<	<	<	<	<
PCB Sum of 209	NA	0.59359	0.57662	0.04567	0.8491	0.1308	0.09247	0.07905	0.31386	0.07573
PCB-077	32598-13-3	6.2E-05	7.4E-05	<	0.00013	0.00017	0.00016	0.00011	0.00047	0.00013
PCB-081	70362-50-4	1.9E-05	2.6E-05	<	4.2E-05	<	<	<	2.6E-05	<
PCB-105	32598-14-4	0.0032	0.0025	0.00016	0.0039	0.00071	0.00036	0.00028	0.0014	0.00029
PCB-114	74472-37-0	0.00028	0.00022	1.2E-05	0.00034	5.8E-05	1.6E-05	1.7E-05	0.00012	0.00002
PCB-118	31508-00-6	0.0084	0.0063	0.0004	0.011	0.0014	0.00076	0.00055	0.0032	0.00064
PCB-123	65510-44-3	0.00018	0.00017	1.4E-05	0.0003	3.4E-05	0.00002	1.4E-05	0.00008	1.4E-05
PCB-126	57465-28-8	0.00019	7.9E-05	<	0.00017	<	2.4E-05	<	5.5E-05	1.3E-05
PCB-157	69782-90-7	0.00054	0.00038	4.4E-05	0.00094	8.7E-05	6.6E-05	4.8E-05	0.00023	5.9E-05
PCB-167	52663-72-6	0.00028	0.00022	2.2E-05	0.0005	3.1E-05	2.1E-05	<	0.00009	2.5E-05
PCB-169	32774-16-6	4.6E-05	<	<	<	<	<	<	2.3E-05	<
PCB-189	39635-31-9	5.3E-05	4.9E-05	<	0.00012	<	<	<	2.1E-05	<
Other										
% Lipids		0.0054	0.0041	<	0.0027	<	0.0014	0.0011	0.0013	0.0016

Notes:
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Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLK25	BLK25	BLK27	BLK27	BLK27	BLK27	BLK27	BLK27	BLK27
		6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007
		13177	13178	13220	13221	13222	13223	13224	13225	13226
PCBs and Dioxins										
Aroclor 1248	12672-29-6	0.083	0.095	0.44	0.17	0.11	0.1	0.15	0.11	0.21
Aroclor 1254	11097-69-1	0.048	0.059	0.29	0.17	0.13	0.14	0.16	0.12	0.18
Aroclor 1260	11096-82-5	<	<	0.11	0.069	0.048	0.063	0.064	0.045	0.059
PCB Sum of 209	NA	0.08664	0.0733	1.3934	0.58695	0.42658	0.42463	0.60365	0.4109	0.71286
PCB-077	32598-13-3	0.00013	0.00012	0.00013	7.5E-05	0.00007	7.6E-05	8.7E-05	5.4E-05	0.00013
PCB-081	70362-50-4	<	<	0.00009	4.6E-05	2.3E-05	2.6E-05	2.2E-05	2.3E-05	5.8E-05
PCB-105	32598-14-4	0.00032	0.00032	0.0074	0.0038	0.0023	0.0032	0.0033	0.002	0.0047
PCB-114	74472-37-0	1.9E-05	0.00002	0.00055	0.00035	0.00021	0.00023	0.00028	0.00016	0.00038
PCB-118	31508-00-6	0.00075	0.00067	0.02	0.01	0.0061	0.0085	0.0088	0.0057	0.012
PCB-123	65510-44-3	1.3E-05	8.8E-06	0.00051	0.00021	0.00016	0.00018	0.00021	9.5E-05	0.00029
PCB-126	57465-28-8	<	1.8E-05	0.00016	7.8E-05	6.1E-05	0.00013	0.00011	7.4E-05	0.00013
PCB-157	69782-90-7	5.4E-05	3.6E-05	0.0011	0.00093	0.0006	0.00074	0.00089	0.00058	0.001
PCB-167	52663-72-6	0.00002	1.7E-05	0.00061	0.0004	0.00024	0.00031	0.00038	0.00024	0.00042
PCB-169	32774-16-6	<	<	6.8E-05	0.00003	1.9E-05	2.5E-05	3.8E-05	2.9E-05	4.4E-05
PCB-189	39635-31-9	<	7.5E-06	6.1E-05	5.8E-05	2.9E-05	4.7E-05	6.1E-05	3.7E-05	6.4E-05
Other										
% Lipids		0.0018	0.0011	0.0071	0.0046	0.0037	0.0041	0.0055	0.004	0.0055

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Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLK27	BLK27	BLK27	BLK27	BLK27	BLK27	BLK27	BLK27	BLK27
		6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007
		13227	13240	13241	13242	13243	13244	13245	13246	13247
PCBs and Dioxins										
Aroclor 1248	12672-29-6	0.23	0.033	0.022	0.016	0.12	0.044	0.028	0.076	0.084
Aroclor 1254	11097-69-1	0.2	0.039	0.031	0.034	0.067	0.024	0.024	0.084	0.085
Aroclor 1260	11096-82-5	0.068	0.015	<	0.014	<	<	<	<	<
PCB Sum of 209	NA	0.75339	0.0799	0.02886	0.09151	0.0872	0.05614	0.04259	0.07401	0.28117
PCB-077	32598-13-3	9.4E-05	0.00013	4.4E-05	8.4E-05	0.00014	0.00007	5.8E-05	8.6E-05	0.00037
PCB-081	70362-50-4	3.5E-05	<	<	<	<	<	<	<	2.1E-05
PCB-105	32598-14-4	0.0053	0.00032	0.00015	0.00036	0.00036	0.00022	0.00021	0.00035	0.00091
PCB-114	74472-37-0	0.00039	1.8E-05	<	3.3E-05	2.2E-05	<	1.3E-05	1.8E-05	8.8E-05
PCB-118	31508-00-6	0.013	0.00073	0.00039	0.00092	0.00075	0.00047	0.0005	0.0009	0.0021
PCB-123	65510-44-3	0.00031	1.7E-05	6.6E-06	1.6E-05	2.2E-05	1.4E-05	1.2E-05	1.7E-05	5.5E-05
PCB-126	57465-28-8	0.00013	0.00002	1.5E-05	2.8E-05	1.5E-05	1.4E-05	<	<	7.7E-05
PCB-157	69782-90-7	0.0011	5.4E-05	3.1E-05	0.00011	6.1E-05	6.3E-05	0.00006	6.4E-05	0.00014
PCB-167	52663-72-6	0.00043	2.3E-05	1.3E-05	5.4E-05	2.4E-05	2.1E-05	1.9E-05	2.4E-05	6.5E-05
PCB-169	32774-16-6	3.7E-05	<	<	<	<	<	<	<	<
PCB-189	39635-31-9	7.8E-05	1.1E-05	<	1.6E-05	<	1.1E-05	<	<	2.6E-05
Other										
% Lipids		0.0058	0.0011	<	<	0.0013	<	<	0.0011	0.0029

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Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLK31	BLK31	BLK31	BLK31	BLK31	BLK31	BLK31	BLK31	BLK31
		6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007
		13250	13251	13252	13253	13254	13255	13256	13257	13280
PCBs and Dioxins										
Aroclor 1248	12672-29-6	0.029	0.015	0.023	<	<	0.02	0.15	0.02	<
Aroclor 1254	11097-69-1	0.034	0.019	0.024	0.011	0.011	0.025	0.19	0.02	0.004 j
Aroclor 1260	11096-82-5	0.012	<	0.012	<	<	<	0.07	<	<
PCB Sum of 209	NA	0.07917	0.04914	0.0477	0.03671	0.02366	0.01381	0.83321	0.06061	0.00216
PCB-077	32598-13-3	<	<	<	<	<	<	9.7E-05	8.3E-06	<
PCB-081	70362-50-4	<	<	<	<	<	<	3.5E-05	1.3E-05	<
PCB-105	32598-14-4	0.00076	0.00055	0.00064	0.00038	0.00024	0.00015	0.0053	0.00061	0.00001
PCB-114	74472-37-0	6.5E-05	5.9E-05	3.3E-05	2.3E-05	1.7E-05	<	0.00034	4.3E-05	<
PCB-118	31508-00-6	0.0017	0.0012	0.0015	0.00094	0.00056	0.00044	0.015	0.0013	2.7E-05
PCB-123	65510-44-3	0.00003	0.00005	2.8E-05	1.6E-05	1.1E-05	<	0.00033	2.6E-05	<
PCB-126	57465-28-8	1.3E-05	<	1.1E-05	<	<	<	0.00018	8.6E-06	<
PCB-157	69782-90-7	0.00013	0.00012	0.00012	7.3E-05	4.7E-05	2.7E-05	0.0016	9.4E-05	6.2E-06
PCB-167	52663-72-6	6.5E-05	6.2E-05	0.00005	0.00003	0.00003	<	0.00063	3.7E-05	<
PCB-169	32774-16-6	<	<	<	<	<	<	5.5E-05	<	<
PCB-189	39635-31-9	<	<	1.1E-05	<	<	<	0.00009	<	<
Other										
% Lipids		0.0051	0.0024	0.005	0.0034	0.0025	0.0037	0.0055	0.0046	<

Notes:
< = Result is non-detect, less than the reporting limit given.
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Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	BLK31	BLK31	BLK31	BLK31	BLK31	BLK31	BLK31	ICK0.2	ICK0.2
		6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/6/2007	6/5/2007	6/5/2007
		13281	13282	13283	13284	13285	13286	13287	13110	13111
PCBs and Dioxins										
Aroclor 1248	12672-29-6	<	0.014 j	<	0.007 j	<	<	0.002 j	0.33	0.6
Aroclor 1254	11097-69-1	0.007 j	0.009 j	<	0.008 j	<	<	<	0.38	0.24
Aroclor 1260	11096-82-5	<	<	<	<	<	<	<	0.16	<
PCB Sum of 209	NA	0.00733	0.02726	0.0024	0.00857	0.01271	0.00262	0.00524	0.86776	1.13126
PCB-077	32598-13-3	9.9E-06	8.3E-05	<	<	0.00001	<	5.1E-06	9.9E-05	0.0002
PCB-081	70362-50-4	<	<	<	<	<	<	<	6.2E-05	0.00017
PCB-105	32598-14-4	4.7E-05	0.00027	1.3E-05	5.7E-05	0.00008	1.7E-05	3.8E-05	0.004	0.0061
PCB-114	74472-37-0	<	1.8E-05	<	<	1.1E-05	<	<	0.00041	0.00063
PCB-118	31508-00-6	0.00013	0.00052	3.8E-05	0.00015	0.00024	0.00004	9.1E-05	0.01	0.013
PCB-123	65510-44-3	1.7E-06	1.3E-05	<	<	4.1E-06	<	<	0.00031	0.00043
PCB-126	57465-28-8	<	<	<	<	<	<	<	0.00011	0.00018
PCB-157	69782-90-7	1.7E-05	3.2E-05	3.8E-06	1.1E-05	3.7E-05	<	1.2E-05	0.0014	0.00081
PCB-167	52663-72-6	7.8E-06	1.1E-05	<	<	1.3E-05	<	<	0.00055	0.00034
PCB-169	32774-16-6	<	<	<	<	<	<	<	<	<
PCB-189	39635-31-9	<	<	<	<	<	<	<	0.00013	0.00011
Other										
% Lipids		<	<	0.0012	0.0012	<	<	<	0.001	0.0041

Notes:
< = Result is non-detect, less than the reporting limit given.
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Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ICK0.2	ICK0.2	ICK0.2	ICK0.2	ICK0.2	ICK0.2	ICK0.2	ICK0.2	ICK0.2
		6/5/2007	6/5/2007	6/5/2007	6/5/2007	6/5/2007	6/5/2007	6/5/2007	6/5/2007	6/5/2007
		13112	13113	13114	13115	13116	13117	13120	13121	13122
PCBs and Dioxins										
Aroclor 1248	12672-29-6	0.19	0.052	0.046	0.11	0.06	0.31	0.059	0.54	0.052
Aroclor 1254	11097-69-1	0.13	0.063	0.055	0.14	0.06	0.14	0.031	0.13	0.042
Aroclor 1260	11096-82-5	<	0.039	0.043	0.11	0.038	<	<	<	<
PCB Sum of 209	NA	0.38297	0.19456	0.15234	0.39556	0.18884	0.62154	0.07966	0.85286	0.03393
PCB-077	32598-13-3	6.7E-05	4.1E-05	<	6.2E-05	0.00003	0.00013	0.00015	0.0013	2.5E-05
PCB-081	70362-50-4	2.8E-05	1.3E-05	<	2.6E-05	<	9.8E-05	<	8.9E-05	<
PCB-105	32598-14-4	0.0018	0.0013	0.00059	0.002	0.0015	0.0032	0.00039	0.003	0.00015
PCB-114	74472-37-0	0.00017	0.00011	0.00004	0.00018	0.00015	0.00038	2.7E-05	0.00035	1.2E-05
PCB-118	31508-00-6	0.0042	0.0036	0.0016	0.0051	0.0044	0.0066	0.00093	0.0058	0.0004
PCB-123	65510-44-3	0.00012	8.6E-05	4.9E-05	7.8E-05	0.00008	0.00022	2.5E-05	0.00018	5.5E-06
PCB-126	57465-28-8	4.7E-05	7.2E-05	4.7E-05	0.00012	6.9E-05	8.5E-05	<	4.6E-05	<
PCB-157	69782-90-7	0.00033	0.00039	0.00022	0.00065	0.00076	0.00048	4.2E-05	0.00022	2.2E-05
PCB-167	52663-72-6	0.00015	0.00019	0.00011	0.00033	0.00031	0.0002	2.4E-05	8.7E-05	9.1E-06
PCB-169	32774-16-6	<	2.9E-05	<	<	<	<	<	<	<
PCB-189	39635-31-9	3.4E-05	5.8E-05	3.6E-05	0.00012	5.3E-05	5.3E-05	<	2.5E-05	<
Other										
% Lipids		0.0053	0.0027	0.0044	0.0043	0.0027	0.0029	0.0012	0.0014	0.0013

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Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ICK0.2	ICK0.2	ICK0.2	ICK0.2	ICK0.2	ICK1.0	ICK1.0	ICK1.0	ICK1.0
		6/5/2007	6/5/2007	6/5/2007	6/5/2007	6/5/2007	6/5/2007	6/5/2007	6/5/2007	6/5/2007
		13123	13124	13125	13126	13127	12890	12891	12892	12893
PCBs and Dioxins										
Aroclor 1248	12672-29-6	0.024	0.012	0.19	0.058	0.042	0.083	0.016	0.06	0.12
Aroclor 1254	11097-69-1	0.015	0.014	0.046	0.026	0.019	0.038	0.018	0.033	0.051
Aroclor 1260	11096-82-5	<	<	<	<	<	<	<	<	<
PCB Sum of 209	NA	0.03472	0.02842	0.13756	0.09079	0.06809	0.05044	0.01161	0.11074	0.05559
PCB-077	32598-13-3	4.8E-05	2.7E-05	0.00012	0.0001	6.7E-05	8.3E-05	<	0.00016	8.6E-05
PCB-081	70362-50-4	<	<	<	<	<	<	<	7.4E-06	<
PCB-105	32598-14-4	0.00016	0.00011	0.00023	0.00036	0.00013	0.00019	4.9E-05	0.00038	0.00022
PCB-114	74472-37-0	8.8E-06	<	1.9E-05	3.4E-05	1.1E-05	1.4E-05	<	2.9E-05	1.5E-05
PCB-118	31508-00-6	0.00037	0.00027	0.00069	0.00073	0.00037	0.00041	0.00013	0.00092	0.00045
PCB-123	65510-44-3	1.6E-05	<	1.1E-05	1.9E-05	1.1E-05	0.00001	<	2.2E-05	1.2E-05
PCB-126	57465-28-8	<	<	<	<	<	<	<	1.7E-05	<
PCB-157	69782-90-7	3.4E-05	3.6E-05	2.3E-05	4.2E-05	4.2E-05	2.9E-05	1.5E-05	8.5E-05	2.5E-05
PCB-167	52663-72-6	1.5E-05	1.6E-05	8.6E-06	1.7E-05	1.6E-05	6.6E-06	<	3.5E-05	1.1E-05
PCB-169	32774-16-6	<	<	<	<	<	<	<	<	<
PCB-189	39635-31-9	<	<	<	<	<	<	<	<	<
Other										
% Lipids		<	<	0.001	<	0.0012	0.0011	0.0014	0.0016	0.0015

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Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ICK1.0 6/5/2007 12894	ICK1.0 6/5/2007 12895	ICK1.0 6/5/2007 12896	ICK1.0 6/5/2007 12897	ICK1.0 6/5/2007 13210	ICK1.0 6/5/2007 13211	ICK1.0 6/5/2007 13212	ICK1.0 6/5/2007 13213	ICK1.0 6/5/2007 13214
PCBs and Dioxins										
Aroclor 1248	12672-29-6	0.048	<	0.03	<	<	<	0.16	0.16	0.063
Aroclor 1254	11097-69-1	0.029	0.009 j	0.021	0.009 j	0.046	<	0.14	0.12	0.068
Aroclor 1260	11096-82-5	<	<	<	<	0.03	<	0.069	0.06	0.041
PCB Sum of 209	NA	0.08677	0.01409	0.03134	0.0178	0.09391	0.00776	0.42931	0.44683	0.22588
PCB-077	32598-13-3	8.7E-05	7.4E-06	3.2E-05	<	<	<	5.1E-05	5.4E-05	1.9E-05
PCB-081	70362-50-4	<	<	<	<	<	<	0.00003	1.9E-05	<
PCB-105	32598-14-4	0.00037	4.4E-05	0.00018	9.1E-05	0.00037	5.8E-05	0.0023	0.0022	0.001
PCB-114	74472-37-0	2.8E-05	<	<	<	3.2E-05	<	0.00024	0.0002	8.8E-05
PCB-118	31508-00-6	0.00082	0.00016	0.00042	0.00024	0.001	0.00017	0.0059	0.0061	0.0027
PCB-123	65510-44-3	2.7E-05	2.9E-06	9.2E-06	<	2.2E-05	<	0.00015	0.00017	4.1E-05
PCB-126	57465-28-8	1.4E-05	<	<	<	4.2E-05	<	0.00012	9.2E-05	2.3E-05
PCB-157	69782-90-7	5.8E-05	1.9E-05	3.1E-05	3.6E-05	0.00016	2.3E-05	0.00047	0.00044	0.00027
PCB-167	52663-72-6	2.7E-05	5.7E-06	1.5E-05	1.4E-05	6.8E-05	<	0.00024	0.00024	0.0001
PCB-169	32774-16-6	<	<	<	<	1.7E-05	<	5.7E-05	2.9E-05	<
PCB-189	39635-31-9	<	<	<	<	2.3E-05	<	5.4E-05	4.4E-05	3.4E-05
Other										
% Lipids		<	<	<	<	0.0033	0.0017	0.0032	0.0021	0.0048

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Yellow highlighting indicates concentration greater than human health screening criteria.

Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ICK1.0	ICK1.0	ICK1.0	ICK3.0	ICK3.0	ICK3.0	ICK3.0	ICK3.0	ICK3.0
		6/5/2007	6/5/2007	6/5/2007	6/7/2007	6/7/2007	6/7/2007	6/7/2007	6/7/2007	6/7/2007
		13215	13216	13217	13190	13191	13192	13194	13195	13196
PCBs and Dioxins										
Aroclor 1248	12672-29-6	0.35	0.034	<	<	<	<	<	<	<
Aroclor 1254	11097-69-1	0.25	0.048	0.034	0.009 j	0.008 j	0.006 j	0.007 j	0.025	0.006 j
Aroclor 1260	11096-82-5	0.14	<	<	<	<	<	<	0.011 j	<
PCB Sum of 209	NA	0.89828	0.11278	0.08854	0.00386	0.00259	0.00556	0.00351	0.00889	0.00596
PCB-077	32598-13-3	8.8E-05	1.2E-05	<	<	<	<	<	<	<
PCB-081	70362-50-4	8.9E-05	<	<	<	<	<	<	<	<
PCB-105	32598-14-4	0.0043	0.00068	0.00057	2.3E-05	1.8E-05	3.8E-05	2.5E-05	0.00013	5.9E-05
PCB-114	74472-37-0	0.00043	0.00006	4.9E-05	<	2.3E-06	<	<	8.9E-06	<
PCB-118	31508-00-6	0.012	0.0019	0.0018	7.3E-05	5.2E-05	0.00011	6.8E-05	0.00033	0.00013
PCB-123	65510-44-3	0.00033	2.7E-05	3.5E-05	<	<	<	<	<	<
PCB-126	57465-28-8	0.0002	0.00003	5.6E-05	<	<	<	<	<	<
PCB-157	69782-90-7	0.00077	0.00027	0.00029	<	<	<	<	5.2E-05	2.8E-05
PCB-167	52663-72-6	0.00041	0.0001	0.00017	<	<	<	<	1.2E-05	<
PCB-169	32774-16-6	<	<	<	<	<	<	<	<	<
PCB-189	39635-31-9	6.8E-05	1.9E-05	5.6E-05	<	<	<	<	<	<
Other										
% Lipids		0.0064	0.0046	0.0028	0.0013	0.001	0.001	0.0011	0.0016	0.0011

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Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ICK3.0	ICK3.0	ICK3.0	ICK3.0	ICK3.0	ICK3.0	ICK3.0	ICK3.0	ICK3.0
		6/7/2007	6/7/2007	6/7/2007	6/7/2007	6/7/2007	6/7/2007	6/7/2007	6/7/2007	6/7/2007
		13197	13198	13228	13229	13271	13272	13273	13274	13275
PCBs and Dioxins										
Aroclor 1248	12672-29-6	<	0.005 j			0.038	0.018	0.051	0.09	0.023
Aroclor 1254	11097-69-1	0.007 j	0.007 j			0.026	0.024	0.052	0.088	0.031
Aroclor 1260	11096-82-5	<	<			<	0.011	0.024	0.044	0.019
PCB Sum of 209	NA	0.00355	0.00491	0.0042	0.00659	0.26155	0.03859	0.06	0.29402	0.04533
PCB-077	32598-13-3	<	<	<	<	2.7E-05	<	<	0.00002	<
PCB-081	70362-50-4	<	<	<	<	1.3E-05	<	<	1.1E-05	<
PCB-105	32598-14-4	3.3E-05	3.7E-05	4.5E-05	4.6E-05	0.0022	0.00027	0.00043	0.0016	0.00037
PCB-114	74472-37-0	<	<	<	<	0.00016	1.9E-05	3.8E-05	0.00013	2.1E-05
PCB-118	31508-00-6	7.8E-05	0.00011	0.00012	0.00017	0.0053	0.00075	0.0013	0.0043	0.0011
PCB-123	65510-44-3	<	<	<	<	8.9E-05	1.3E-05	1.7E-05	0.0001	1.5E-05
PCB-126	57465-28-8	<	<	<	<	1.6E-05	0.00002	<	4.6E-05	1.5E-05
PCB-157	69782-90-7	<	1.6E-05	1.7E-05	1.4E-05	0.00046	8.2E-05	0.00012	0.0003	0.0001
PCB-167	52663-72-6	<	<	7E-06	9.2E-06	0.00012	3.2E-05	6.6E-05	0.00015	4.1E-05
PCB-169	32774-16-6	<	<	<	<	<	<	<	<	<
PCB-189	39635-31-9	<	<	<	<	9.2E-06	<	<	2.5E-05	1.1E-05
Other										
% Lipids		<	<			0.0042	0.0038	0.0055	0.0042	0.0038

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Table A-31
Comparison of Fish Tissue Data (Filets) to Human Health and Ecological Screening Criteria
Bannister Federal Complex

Chemical	CAS	ICK3.0	ICK3.0	ICK3.0
		6/7/2007	6/7/2007	6/7/2007
		13276	13277	13278
PCBs and Dioxins				
Aroclor 1248	12672-29-6	0.027	0.046	0.044
Aroclor 1254	11097-69-1	0.036	0.042	0.038
Aroclor 1260	11096-82-5	0.02	0.021	<
PCB Sum of 209	NA	0.07172	0.113	0.1125
PCB-077	32598-13-3	<	<	<
PCB-081	70362-50-4	<	<	<
PCB-105	32598-14-4	0.0004	0.00056	0.00055
PCB-114	74472-37-0	3.1E-05	4.7E-05	3.8E-05
PCB-118	31508-00-6	0.0011	0.0014	0.0014
PCB-123	65510-44-3	1.7E-05	2.7E-05	3.6E-05
PCB-126	57465-28-8	1.7E-05	1.6E-05	1.6E-05
PCB-157	69782-90-7	0.00012	0.00014	0.00015
PCB-167	52663-72-6	4.3E-05	5.5E-05	5.9E-05
PCB-169	32774-16-6	<	<	<
PCB-189	39635-31-9	1.4E-05	1.5E-05	0.00001
Other				
% Lipids		0.0032	0.0032	0.003

Notes:
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"<0" = Result is non-detect, reporting limit not available.
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