

ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H121 **Lab ID: 60191164022** Collected: 04/02/15 10:40 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:05	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:05	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:05	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:05	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:05	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:05	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:05	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:27	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:24	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:24	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:24	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:24	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:24	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:24		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:24	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 11:24	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:24	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 11:24	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:24	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	96	%	33-120	1	04/17/15 13:24	04/20/15 11:24	4165-60-0	
2-Fluorobiphenyl (S)	59	%	34-117	1	04/17/15 13:24	04/20/15 11:24	321-60-8	
Terphenyl-d14 (S)	82	%	24-133	1	04/17/15 13:24	04/20/15 11:24	1718-51-0	
Phenol-d6 (S)	28	%	15-134	1	04/17/15 13:24	04/20/15 11:24	13127-88-3	
2-Fluorophenol (S)	34	%	10-118	1	04/17/15 13:24	04/20/15 11:24	367-12-4	
2,4,6-Tribromophenol (S)	91	%	25-145	1	04/17/15 13:24	04/20/15 11:24	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 17:05	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 17:05	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 17:05	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 17:05	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 17:05	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 17:05	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 17:05	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 17:05	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 17:05	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 17:05	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H121 **Lab ID: 60191164022** Collected: 04/02/15 10:40 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	82	%.	70-130	20		04/17/15 17:05	2037-26-5	
4-Bromofluorobenzene (S)	86	%.	62-134	20		04/17/15 17:05	460-00-4	
Dibromofluoromethane (S)	81	%.	64-130	20		04/17/15 17:05	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H122 **Lab ID: 60191164023** Collected: 04/02/15 10:45 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/16/15 12:00								
Arsenic	ND	mg/L	0.20	1	04/17/15 10:45	04/17/15 13:19	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 10:45	04/17/15 13:19	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 10:45	04/17/15 13:19	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 10:45	04/17/15 13:19	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 10:45	04/17/15 13:19	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 10:45	04/17/15 13:19	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 10:45	04/17/15 13:19	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/16/15 12:00								
Mercury	ND	mg/L	0.00020	1	04/17/15 10:50	04/17/15 13:18	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/16/15 12:00								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 22:43	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 22:43	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 22:43	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 22:43	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 22:43	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 22:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 22:43		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 22:43	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 12:43	04/17/15 22:43	87-86-5	M1
Pyridine	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 22:43	110-86-1	M1
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 12:43	04/17/15 22:43	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 22:43	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	101	%	33-120	1	04/17/15 12:43	04/17/15 22:43	4165-60-0	
2-Fluorobiphenyl (S)	68	%	34-117	1	04/17/15 12:43	04/17/15 22:43	321-60-8	
Terphenyl-d14 (S)	92	%	24-133	1	04/17/15 12:43	04/17/15 22:43	1718-51-0	
Phenol-d6 (S)	26	%	15-134	1	04/17/15 12:43	04/17/15 22:43	13127-88-3	
2-Fluorophenol (S)	30	%	10-118	1	04/17/15 12:43	04/17/15 22:43	367-12-4	
2,4,6-Tribromophenol (S)	111	%	25-145	1	04/17/15 12:43	04/17/15 22:43	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 17:22	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 17:22	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 17:22	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 17:22	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 17:22	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 17:22	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 17:22	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 17:22	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 17:22	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 17:22	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H122 **Lab ID: 60191164023** Collected: 04/02/15 10:45 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	78	%.	70-130	20		04/17/15 17:22	2037-26-5	
4-Bromofluorobenzene (S)	84	%.	62-134	20		04/17/15 17:22	460-00-4	
Dibromofluoromethane (S)	81	%.	64-130	20		04/17/15 17:22	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H123 **Lab ID: 60191164024** Collected: 04/02/15 10:55 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:09	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:09	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:09	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:09	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:09	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:09	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:09	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	0.011	mg/L	0.0020	10	04/17/15 07:45	04/17/15 13:50	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:15	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:15	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:15	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:15	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:15	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:15		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:15	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 12:15	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:15	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 12:15	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:15	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	110	%	33-120	1	04/17/15 13:24	04/20/15 12:15	4165-60-0	
2-Fluorobiphenyl (S)	71	%	34-117	1	04/17/15 13:24	04/20/15 12:15	321-60-8	
Terphenyl-d14 (S)	95	%	24-133	1	04/17/15 13:24	04/20/15 12:15	1718-51-0	
Phenol-d6 (S)	30	%	15-134	1	04/17/15 13:24	04/20/15 12:15	13127-88-3	
2-Fluorophenol (S)	38	%	10-118	1	04/17/15 13:24	04/20/15 12:15	367-12-4	
2,4,6-Tribromophenol (S)	94	%	25-145	1	04/17/15 13:24	04/20/15 12:15	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 17:40	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 17:40	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 17:40	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 17:40	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 17:40	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 17:40	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 17:40	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 17:40	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 17:40	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 17:40	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H123 **Lab ID: 60191164024** Collected: 04/02/15 10:55 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	80	%.	70-130	20		04/17/15 17:40	2037-26-5	
4-Bromofluorobenzene (S)	84	%.	62-134	20		04/17/15 17:40	460-00-4	
Dibromofluoromethane (S)	80	%.	64-130	20		04/17/15 17:40	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H138 **Lab ID: 60191164025** Collected: 04/02/15 06:05 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:13	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:13	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:13	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:13	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:13	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:13	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:13	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:31	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:41	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:41	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:41	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:41	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:41	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:41		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:41	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 12:41	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:41	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 12:41	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 12:41	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	106	%	33-120	1	04/17/15 13:24	04/20/15 12:41	4165-60-0	
2-Fluorobiphenyl (S)	58	%	34-117	1	04/17/15 13:24	04/20/15 12:41	321-60-8	
Terphenyl-d14 (S)	88	%	24-133	1	04/17/15 13:24	04/20/15 12:41	1718-51-0	
Phenol-d6 (S)	30	%	15-134	1	04/17/15 13:24	04/20/15 12:41	13127-88-3	
2-Fluorophenol (S)	41	%	10-118	1	04/17/15 13:24	04/20/15 12:41	367-12-4	
2,4,6-Tribromophenol (S)	93	%	25-145	1	04/17/15 13:24	04/20/15 12:41	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 17:57	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 17:57	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 17:57	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 17:57	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 17:57	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 17:57	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 17:57	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 17:57	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 17:57	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 17:57	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H138 **Lab ID: 60191164025** Collected: 04/02/15 06:05 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	78	%.	70-130	20		04/17/15 17:57	2037-26-5	
4-Bromofluorobenzene (S)	85	%.	62-134	20		04/17/15 17:57	460-00-4	
Dibromofluoromethane (S)	85	%.	64-130	20		04/17/15 17:57	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H139 **Lab ID: 60191164026** Collected: 04/02/15 06:10 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:17	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:17	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:17	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:17	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:17	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:17	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:17	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:33	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:07	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:07	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:07	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:07	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:07	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:07		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:07	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 13:07	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:07	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 13:07	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:07	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	108	%	33-120	1	04/17/15 13:24	04/20/15 13:07	4165-60-0	
2-Fluorobiphenyl (S)	54	%	34-117	1	04/17/15 13:24	04/20/15 13:07	321-60-8	
Terphenyl-d14 (S)	80	%	24-133	1	04/17/15 13:24	04/20/15 13:07	1718-51-0	
Phenol-d6 (S)	30	%	15-134	1	04/17/15 13:24	04/20/15 13:07	13127-88-3	
2-Fluorophenol (S)	34	%	10-118	1	04/17/15 13:24	04/20/15 13:07	367-12-4	
2,4,6-Tribromophenol (S)	85	%	25-145	1	04/17/15 13:24	04/20/15 13:07	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 18:15	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 18:15	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 18:15	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 18:15	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 18:15	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 18:15	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 18:15	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 18:15	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 18:15	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 18:15	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H139 **Lab ID: 60191164026** Collected: 04/02/15 06:10 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	77	%.	70-130	20		04/17/15 18:15	2037-26-5	
4-Bromofluorobenzene (S)	77	%.	62-134	20		04/17/15 18:15	460-00-4	
Dibromofluoromethane (S)	85	%.	64-130	20		04/17/15 18:15	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H140A **Lab ID: 60191164027** Collected: 04/02/15 06:20 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:21	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:21	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:21	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:21	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:21	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:21	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:21	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:35	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:33	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:33	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:33	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:33	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:33	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:33		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:33	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 13:33	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:33	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 13:33	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:33	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	102	%	33-120	1	04/17/15 13:24	04/20/15 13:33	4165-60-0	
2-Fluorobiphenyl (S)	59	%	34-117	1	04/17/15 13:24	04/20/15 13:33	321-60-8	
Terphenyl-d14 (S)	89	%	24-133	1	04/17/15 13:24	04/20/15 13:33	1718-51-0	
Phenol-d6 (S)	27	%	15-134	1	04/17/15 13:24	04/20/15 13:33	13127-88-3	
2-Fluorophenol (S)	25	%	10-118	1	04/17/15 13:24	04/20/15 13:33	367-12-4	
2,4,6-Tribromophenol (S)	79	%	25-145	1	04/17/15 13:24	04/20/15 13:33	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 18:32	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 18:32	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 18:32	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 18:32	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 18:32	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 18:32	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 18:32	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 18:32	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 18:32	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 18:32	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H140A **Lab ID: 60191164027** Collected: 04/02/15 06:20 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	75	%.	70-130	20		04/17/15 18:32	2037-26-5	
4-Bromofluorobenzene (S)	84	%.	62-134	20		04/17/15 18:32	460-00-4	
Dibromofluoromethane (S)	83	%.	64-130	20		04/17/15 18:32	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H140B **Lab ID: 60191164028** Collected: 04/02/15 06:25 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:32	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:32	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:32	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:32	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:32	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:32	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:32	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:41	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:58	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:58	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:58	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:58	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:58	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:58		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:58	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 13:58	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:58	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 13:58	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 13:58	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	78	%	33-120	1	04/17/15 13:24	04/20/15 13:58	4165-60-0	
2-Fluorobiphenyl (S)	47	%	34-117	1	04/17/15 13:24	04/20/15 13:58	321-60-8	
Terphenyl-d14 (S)	62	%	24-133	1	04/17/15 13:24	04/20/15 13:58	1718-51-0	
Phenol-d6 (S)	21	%	15-134	1	04/17/15 13:24	04/20/15 13:58	13127-88-3	
2-Fluorophenol (S)	18	%	10-118	1	04/17/15 13:24	04/20/15 13:58	367-12-4	
2,4,6-Tribromophenol (S)	62	%	25-145	1	04/17/15 13:24	04/20/15 13:58	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 18:50	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 18:50	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 18:50	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 18:50	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 18:50	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 18:50	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 18:50	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 18:50	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 18:50	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 18:50	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H140B **Lab ID: 60191164028** Collected: 04/02/15 06:25 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	78	%.	70-130	20		04/17/15 18:50	2037-26-5	
4-Bromofluorobenzene (S)	78	%.	62-134	20		04/17/15 18:50	460-00-4	
Dibromofluoromethane (S)	81	%.	64-130	20		04/17/15 18:50	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H141 **Lab ID: 60191164029** Collected: 04/02/15 06:30 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:36	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:36	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:36	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:36	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:36	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:36	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:36	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:43	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:24	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:24	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:24	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:24	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:24	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:24		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:24	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 14:24	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:24	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 14:24	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:24	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	105	%	33-120	1	04/17/15 13:24	04/20/15 14:24	4165-60-0	
2-Fluorobiphenyl (S)	51	%	34-117	1	04/17/15 13:24	04/20/15 14:24	321-60-8	
Terphenyl-d14 (S)	82	%	24-133	1	04/17/15 13:24	04/20/15 14:24	1718-51-0	
Phenol-d6 (S)	28	%	15-134	1	04/17/15 13:24	04/20/15 14:24	13127-88-3	
2-Fluorophenol (S)	35	%	10-118	1	04/17/15 13:24	04/20/15 14:24	367-12-4	
2,4,6-Tribromophenol (S)	86	%	25-145	1	04/17/15 13:24	04/20/15 14:24	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 19:08	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 19:08	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 19:08	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 19:08	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 19:08	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 19:08	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 19:08	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 19:08	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 19:08	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 19:08	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H141 **Lab ID: 60191164029** Collected: 04/02/15 06:30 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	76	%.	70-130	20		04/17/15 19:08	2037-26-5	
4-Bromofluorobenzene (S)	80	%.	62-134	20		04/17/15 19:08	460-00-4	
Dibromofluoromethane (S)	78	%.	64-130	20		04/17/15 19:08	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H142 **Lab ID: 60191164030** Collected: 04/02/15 06:35 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:40	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:40	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:40	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:40	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:40	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:40	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:40	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:45	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:50	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:50	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:50	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:50	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:50	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:50		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:50	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 14:50	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:50	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 14:50	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 14:50	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	114	%	33-120	1	04/17/15 13:24	04/20/15 14:50	4165-60-0	
2-Fluorobiphenyl (S)	60	%	34-117	1	04/17/15 13:24	04/20/15 14:50	321-60-8	
Terphenyl-d14 (S)	80	%	24-133	1	04/17/15 13:24	04/20/15 14:50	1718-51-0	
Phenol-d6 (S)	25	%	15-134	1	04/17/15 13:24	04/20/15 14:50	13127-88-3	
2-Fluorophenol (S)	30	%	10-118	1	04/17/15 13:24	04/20/15 14:50	367-12-4	
2,4,6-Tribromophenol (S)	92	%	25-145	1	04/17/15 13:24	04/20/15 14:50	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 19:25	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 19:25	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 19:25	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 19:25	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 19:25	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 19:25	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 19:25	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 19:25	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 19:25	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 19:25	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H142 **Lab ID: 60191164030** Collected: 04/02/15 06:35 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	79	%.	70-130	20		04/17/15 19:25	2037-26-5	
4-Bromofluorobenzene (S)	81	%.	62-134	20		04/17/15 19:25	460-00-4	
Dibromofluoromethane (S)	81	%.	64-130	20		04/17/15 19:25	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H143 **Lab ID: 60191164031** Collected: 04/02/15 06:40 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:44	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:44	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:44	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:44	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:44	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:44	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:44	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:47	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:15	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:15	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:15	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:15	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:15	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:15		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:15	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 15:15	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:15	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 15:15	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:15	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	99	%	33-120	1	04/17/15 13:24	04/20/15 15:15	4165-60-0	
2-Fluorobiphenyl (S)	72	%	34-117	1	04/17/15 13:24	04/20/15 15:15	321-60-8	
Terphenyl-d14 (S)	82	%	24-133	1	04/17/15 13:24	04/20/15 15:15	1718-51-0	
Phenol-d6 (S)	24	%	15-134	1	04/17/15 13:24	04/20/15 15:15	13127-88-3	
2-Fluorophenol (S)	29	%	10-118	1	04/17/15 13:24	04/20/15 15:15	367-12-4	
2,4,6-Tribromophenol (S)	84	%	25-145	1	04/17/15 13:24	04/20/15 15:15	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 19:43	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 19:43	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 19:43	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 19:43	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 19:43	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 19:43	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 19:43	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 19:43	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 19:43	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 19:43	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H143 **Lab ID: 60191164031** Collected: 04/02/15 06:40 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	80	%.	70-130	20		04/17/15 19:43	2037-26-5	
4-Bromofluorobenzene (S)	82	%.	62-134	20		04/17/15 19:43	460-00-4	
Dibromofluoromethane (S)	84	%.	64-130	20		04/17/15 19:43	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H144 **Lab ID: 60191164032** Collected: 04/02/15 06:45 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:47	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:47	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:47	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:47	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:47	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:47	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:47	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:49	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:41	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:41	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:41	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:41	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:41	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:41		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:41	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 15:41	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:41	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 15:41	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 15:41	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	103	%	33-120	1	04/17/15 13:24	04/20/15 15:41	4165-60-0	
2-Fluorobiphenyl (S)	60	%	34-117	1	04/17/15 13:24	04/20/15 15:41	321-60-8	
Terphenyl-d14 (S)	80	%	24-133	1	04/17/15 13:24	04/20/15 15:41	1718-51-0	
Phenol-d6 (S)	26	%	15-134	1	04/17/15 13:24	04/20/15 15:41	13127-88-3	
2-Fluorophenol (S)	31	%	10-118	1	04/17/15 13:24	04/20/15 15:41	367-12-4	
2,4,6-Tribromophenol (S)	96	%	25-145	1	04/17/15 13:24	04/20/15 15:41	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 20:00	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 20:00	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 20:00	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 20:00	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 20:00	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 20:00	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 20:00	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 20:00	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 20:00	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 20:00	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H144 **Lab ID: 60191164032** Collected: 04/02/15 06:45 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	80	%.	70-130	20		04/17/15 20:00	2037-26-5	
4-Bromofluorobenzene (S)	80	%.	62-134	20		04/17/15 20:00	460-00-4	
Dibromofluoromethane (S)	83	%.	64-130	20		04/17/15 20:00	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H145 **Lab ID: 60191164033** Collected: 04/02/15 06:50 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:51	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:51	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:51	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:51	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:51	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:51	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:51	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:51	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:07	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:07	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:07	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:07	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:07	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:07		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:07	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 16:07	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:07	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 16:07	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:07	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	110	%	33-120	1	04/17/15 13:24	04/20/15 16:07	4165-60-0	
2-Fluorobiphenyl (S)	64	%	34-117	1	04/17/15 13:24	04/20/15 16:07	321-60-8	
Terphenyl-d14 (S)	87	%	24-133	1	04/17/15 13:24	04/20/15 16:07	1718-51-0	
Phenol-d6 (S)	30	%	15-134	1	04/17/15 13:24	04/20/15 16:07	13127-88-3	
2-Fluorophenol (S)	34	%	10-118	1	04/17/15 13:24	04/20/15 16:07	367-12-4	
2,4,6-Tribromophenol (S)	102	%	25-145	1	04/17/15 13:24	04/20/15 16:07	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 20:18	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 20:18	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 20:18	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 20:18	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 20:18	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 20:18	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 20:18	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 20:18	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 20:18	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 20:18	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H145 **Lab ID: 60191164033** Collected: 04/02/15 06:50 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	79	%.	70-130	20		04/17/15 20:18	2037-26-5	
4-Bromofluorobenzene (S)	87	%.	62-134	20		04/17/15 20:18	460-00-4	
Dibromofluoromethane (S)	83	%.	64-130	20		04/17/15 20:18	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H146 **Lab ID: 60191164034** Collected: 04/02/15 06:55 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:55	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:55	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:55	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:55	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:55	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:55	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:55	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:53	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:33	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:33	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:33	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:33	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:33	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:33		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:33	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 16:33	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:33	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 16:33	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:33	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	100	%	33-120	1	04/17/15 13:24	04/20/15 16:33	4165-60-0	
2-Fluorobiphenyl (S)	63	%	34-117	1	04/17/15 13:24	04/20/15 16:33	321-60-8	
Terphenyl-d14 (S)	74	%	24-133	1	04/17/15 13:24	04/20/15 16:33	1718-51-0	
Phenol-d6 (S)	28	%	15-134	1	04/17/15 13:24	04/20/15 16:33	13127-88-3	
2-Fluorophenol (S)	35	%	10-118	1	04/17/15 13:24	04/20/15 16:33	367-12-4	
2,4,6-Tribromophenol (S)	84	%	25-145	1	04/17/15 13:24	04/20/15 16:33	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 20:35	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 20:35	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 20:35	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 20:35	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 20:35	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 20:35	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 20:35	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 20:35	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 20:35	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 20:35	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H146 **Lab ID: 60191164034** Collected: 04/02/15 06:55 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	79	%	70-130	20		04/17/15 20:35	2037-26-5	
4-Bromofluorobenzene (S)	80	%	62-134	20		04/17/15 20:35	460-00-4	
Dibromofluoromethane (S)	80	%	64-130	20		04/17/15 20:35	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H147 **Lab ID: 60191164035** Collected: 04/02/15 07:00 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:59	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 16:59	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 16:59	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:59	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:59	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:59	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 16:59	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:55	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:58	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:58	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:58	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:58	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:58	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:58		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:58	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 16:58	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:58	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 16:58	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 16:58	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	97	%	33-120	1	04/17/15 13:24	04/20/15 16:58	4165-60-0	
2-Fluorobiphenyl (S)	57	%	34-117	1	04/17/15 13:24	04/20/15 16:58	321-60-8	
Terphenyl-d14 (S)	75	%	24-133	1	04/17/15 13:24	04/20/15 16:58	1718-51-0	
Phenol-d6 (S)	31	%	15-134	1	04/17/15 13:24	04/20/15 16:58	13127-88-3	
2-Fluorophenol (S)	36	%	10-118	1	04/17/15 13:24	04/20/15 16:58	367-12-4	
2,4,6-Tribromophenol (S)	91	%	25-145	1	04/17/15 13:24	04/20/15 16:58	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 20:53	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 20:53	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 20:53	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 20:53	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 20:53	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 20:53	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 20:53	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 20:53	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 20:53	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 20:53	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-TCES-H147 **Lab ID: 60191164035** Collected: 04/02/15 07:00 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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8260 MSV TCLP

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00

Surrogates

Toluene-d8 (S)	78	%	70-130	20		04/17/15 20:53	2037-26-5	
4-Bromofluorobenzene (S)	82	%	62-134	20		04/17/15 20:53	460-00-4	
Dibromofluoromethane (S)	83	%	64-130	20		04/17/15 20:53	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H124 **Lab ID: 60191164036** Collected: 04/02/15 11:10 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:03	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 17:03	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 17:03	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:03	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:03	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:03	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:03	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:57	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:24	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:24	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:24	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:24	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:24	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:24		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:24	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 17:24	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:24	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 17:24	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:24	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	103	%	33-120	1	04/17/15 13:24	04/20/15 17:24	4165-60-0	
2-Fluorobiphenyl (S)	63	%	34-117	1	04/17/15 13:24	04/20/15 17:24	321-60-8	
Terphenyl-d14 (S)	83	%	24-133	1	04/17/15 13:24	04/20/15 17:24	1718-51-0	
Phenol-d6 (S)	29	%	15-134	1	04/17/15 13:24	04/20/15 17:24	13127-88-3	
2-Fluorophenol (S)	39	%	10-118	1	04/17/15 13:24	04/20/15 17:24	367-12-4	
2,4,6-Tribromophenol (S)	100	%	25-145	1	04/17/15 13:24	04/20/15 17:24	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 21:10	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 21:10	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 21:10	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 21:10	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 21:10	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 21:10	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 21:10	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 21:10	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 21:10	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 21:10	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H124 **Lab ID: 60191164036** Collected: 04/02/15 11:10 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	78	%.	70-130	20		04/17/15 21:10	2037-26-5	
4-Bromofluorobenzene (S)	85	%.	62-134	20		04/17/15 21:10	460-00-4	
Dibromofluoromethane (S)	79	%.	64-130	20		04/17/15 21:10	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-ETCA-H101 **Lab ID: 60191164037** Collected: 04/02/15 14:10 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/16/15 12:00								
Arsenic	ND	mg/L	0.20	1	04/17/15 10:45	04/17/15 13:34	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 10:45	04/17/15 13:34	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 10:45	04/17/15 13:34	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 10:45	04/17/15 13:34	7440-47-3	
Lead	1.9	mg/L	0.20	1	04/17/15 10:45	04/17/15 13:34	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 10:45	04/17/15 13:34	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 10:45	04/17/15 13:34	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/16/15 12:00								
Mercury	ND	mg/L	0.00020	1	04/17/15 10:50	04/17/15 13:24	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/16/15 12:00								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 23:09	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 23:09	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 23:09	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 23:09	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 23:09	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 23:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 23:09		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 23:09	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 12:43	04/17/15 23:09	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 23:09	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 12:43	04/17/15 23:09	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 12:43	04/17/15 23:09	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	92	%	33-120	1	04/17/15 12:43	04/17/15 23:09	4165-60-0	
2-Fluorobiphenyl (S)	71	%	34-117	1	04/17/15 12:43	04/17/15 23:09	321-60-8	
Terphenyl-d14 (S)	94	%	24-133	1	04/17/15 12:43	04/17/15 23:09	1718-51-0	
Phenol-d6 (S)	27	%	15-134	1	04/17/15 12:43	04/17/15 23:09	13127-88-3	
2-Fluorophenol (S)	34	%	10-118	1	04/17/15 12:43	04/17/15 23:09	367-12-4	
2,4,6-Tribromophenol (S)	98	%	25-145	1	04/17/15 12:43	04/17/15 23:09	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 21:28	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 21:28	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 21:28	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 21:28	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 21:28	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 21:28	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 21:28	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 21:28	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 21:28	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 21:28	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-ETCA-H101 **Lab ID: 60191164037** Collected: 04/02/15 14:10 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	97	%.	70-130	20		04/17/15 21:28	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	62-134	20		04/17/15 21:28	460-00-4	
Dibromofluoromethane (S)	106	%.	64-130	20		04/17/15 21:28	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-ETCA-H102 **Lab ID: 60191164038** Collected: 04/02/15 14:25 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:07	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 17:07	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 17:07	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:07	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:07	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:07	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:07	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 13:00	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:50	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:50	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:50	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:50	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:50	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:50		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:50	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 17:50	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:50	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 17:50	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 17:50	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	96	%	33-120	1	04/17/15 13:24	04/20/15 17:50	4165-60-0	
2-Fluorobiphenyl (S)	63	%	34-117	1	04/17/15 13:24	04/20/15 17:50	321-60-8	
Terphenyl-d14 (S)	67	%	24-133	1	04/17/15 13:24	04/20/15 17:50	1718-51-0	
Phenol-d6 (S)	28	%	15-134	1	04/17/15 13:24	04/20/15 17:50	13127-88-3	
2-Fluorophenol (S)	36	%	10-118	1	04/17/15 13:24	04/20/15 17:50	367-12-4	
2,4,6-Tribromophenol (S)	93	%	25-145	1	04/17/15 13:24	04/20/15 17:50	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 21:45	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 21:45	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 21:45	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 21:45	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 21:45	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 21:45	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 21:45	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 21:45	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 21:45	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 21:45	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-ETCA-H102 **Lab ID: 60191164038** Collected: 04/02/15 14:25 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	78	%.	70-130	20		04/17/15 21:45	2037-26-5	
4-Bromofluorobenzene (S)	82	%.	62-134	20		04/17/15 21:45	460-00-4	
Dibromofluoromethane (S)	82	%.	64-130	20		04/17/15 21:45	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-ETCA-H103 **Lab ID: 60191164039** Collected: 04/02/15 14:40 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:11	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 17:11	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 17:11	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:11	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:11	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:11	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:11	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 13:06	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:16	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:16	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:16	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:16	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:16	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:16		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:16	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 18:16	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:16	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 18:16	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:16	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	106	%	33-120	1	04/17/15 13:24	04/20/15 18:16	4165-60-0	
2-Fluorobiphenyl (S)	71	%	34-117	1	04/17/15 13:24	04/20/15 18:16	321-60-8	
Terphenyl-d14 (S)	80	%	24-133	1	04/17/15 13:24	04/20/15 18:16	1718-51-0	
Phenol-d6 (S)	26	%	15-134	1	04/17/15 13:24	04/20/15 18:16	13127-88-3	
2-Fluorophenol (S)	32	%	10-118	1	04/17/15 13:24	04/20/15 18:16	367-12-4	
2,4,6-Tribromophenol (S)	98	%	25-145	1	04/17/15 13:24	04/20/15 18:16	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 23:13	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 23:13	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 23:13	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 23:13	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 23:13	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 23:13	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 23:13	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 23:13	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 23:13	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 23:13	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-ETCA-H103 **Lab ID: 60191164039** Collected: 04/02/15 14:40 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	83	%.	70-130	20		04/17/15 23:13	2037-26-5	
4-Bromofluorobenzene (S)	86	%.	62-134	20		04/17/15 23:13	460-00-4	
Dibromofluoromethane (S)	84	%.	64-130	20		04/17/15 23:13	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-ETCA-H104 **Lab ID: 60191164040** Collected: 04/02/15 14:50 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:22	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 17:22	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 17:22	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:22	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:22	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:22	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 17:22	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 13:08	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:41	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:41	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:41	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:41	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:41	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:41		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:41	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 18:41	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:41	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 18:41	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 18:41	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	97	%	33-120	1	04/17/15 13:24	04/20/15 18:41	4165-60-0	
2-Fluorobiphenyl (S)	74	%	34-117	1	04/17/15 13:24	04/20/15 18:41	321-60-8	
Terphenyl-d14 (S)	90	%	24-133	1	04/17/15 13:24	04/20/15 18:41	1718-51-0	
Phenol-d6 (S)	28	%	15-134	1	04/17/15 13:24	04/20/15 18:41	13127-88-3	
2-Fluorophenol (S)	34	%	10-118	1	04/17/15 13:24	04/20/15 18:41	367-12-4	
2,4,6-Tribromophenol (S)	99	%	25-145	1	04/17/15 13:24	04/20/15 18:41	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 23:30	71-43-2	
2-Butanone (MEK)	0.54	mg/L	0.20	20		04/17/15 23:30	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 23:30	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 23:30	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 23:30	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 23:30	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 23:30	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 23:30	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 23:30	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 23:30	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-ETCA-H104 **Lab ID: 60191164040** Collected: 04/02/15 14:50 Received: 04/02/15 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	78	%.	70-130	20		04/17/15 23:30	2037-26-5	
4-Bromofluorobenzene (S)	87	%.	62-134	20		04/17/15 23:30	460-00-4	
Dibromofluoromethane (S)	79	%.	64-130	20		04/17/15 23:30	1868-53-7	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191164

QC Batch: MERP/1861 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 60191164001, 60191164002, 60191164003, 60191164004, 60191164005, 60191164006, 60191164007, 60191164008, 60191164009, 60191164010, 60191164011, 60191164012, 60191164013, 60191164014, 60191164015, 60191164016, 60191164017, 60191164018, 60191164019, 60191164020

METHOD BLANK: 111980 Matrix: Water
Associated Lab Samples: 60191164001, 60191164002, 60191164003, 60191164004, 60191164005, 60191164006, 60191164007, 60191164008, 60191164009, 60191164010, 60191164011, 60191164012, 60191164013, 60191164014, 60191164015, 60191164016, 60191164017, 60191164018, 60191164019, 60191164020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	04/16/15 15:12	

METHOD BLANK: 111322 Matrix: Water
Associated Lab Samples: 60191164001, 60191164002, 60191164003, 60191164004, 60191164005, 60191164006, 60191164007, 60191164008, 60191164009, 60191164010, 60191164011, 60191164012, 60191164013, 60191164014, 60191164015, 60191164016, 60191164017, 60191164018, 60191164019, 60191164020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	04/16/15 16:09	

LABORATORY CONTROL SAMPLE: 111981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.001	0.0011	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 111982 111983

Parameter	Units	60191164001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	.001	.001	0.0011	0.0011	109	110	75-125	1	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191164

QC Batch: MERP/1866 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 60191164021, 60191164022, 60191164024, 60191164025, 60191164026, 60191164027, 60191164028, 60191164029, 60191164030, 60191164031, 60191164032, 60191164033, 60191164034, 60191164035, 60191164036, 60191164038, 60191164039, 60191164040

METHOD BLANK: 112387 Matrix: Water
Associated Lab Samples: 60191164021, 60191164022, 60191164024, 60191164025, 60191164026, 60191164027, 60191164028, 60191164029, 60191164030, 60191164031, 60191164032, 60191164033, 60191164034, 60191164035, 60191164036, 60191164038, 60191164039, 60191164040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	04/17/15 12:16	

METHOD BLANK: 111846 Matrix: Water
Associated Lab Samples: 60191164021, 60191164022, 60191164024, 60191164025, 60191164026, 60191164027, 60191164028, 60191164029, 60191164030, 60191164031, 60191164032, 60191164033, 60191164034, 60191164035, 60191164036, 60191164038, 60191164039, 60191164040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	04/17/15 13:12	

LABORATORY CONTROL SAMPLE: 112388

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.001	0.0010	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112389 112390

Parameter	Units	60191164021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	.001	.001	0.0010	0.0011	103	108	75-125	5	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191164

QC Batch: MERP/1867 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 60191164023, 60191164037

METHOD BLANK: 112557 Matrix: Water
Associated Lab Samples: 60191164023, 60191164037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	04/17/15 13:14	

METHOD BLANK: 112062 Matrix: Water
Associated Lab Samples: 60191164023, 60191164037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	04/17/15 13:37	

METHOD BLANK: 112378 Matrix: Water
Associated Lab Samples: 60191164023, 60191164037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	04/17/15 13:39	

LABORATORY CONTROL SAMPLE: 112558

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.001	0.0010	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112559 112560

Parameter	Units	60191164023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	.001	.001	0.0010	0.0011	104	107	75-125	3	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

QC Batch: MPRP/2585

Analysis Method: EPA 6010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET TCLP

Associated Lab Samples: 60191164001, 60191164002, 60191164003, 60191164004, 60191164005, 60191164006, 60191164007, 60191164008, 60191164009, 60191164010, 60191164011, 60191164012, 60191164013, 60191164014, 60191164015, 60191164016, 60191164017, 60191164018, 60191164019, 60191164020

METHOD BLANK: 111984

Matrix: Water

Associated Lab Samples: 60191164001, 60191164002, 60191164003, 60191164004, 60191164005, 60191164006, 60191164007, 60191164008, 60191164009, 60191164010, 60191164011, 60191164012, 60191164013, 60191164014, 60191164015, 60191164016, 60191164017, 60191164018, 60191164019, 60191164020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.20	04/17/15 10:02	
Barium	mg/L	ND	2.0	04/17/15 10:02	
Cadmium	mg/L	ND	0.10	04/17/15 10:02	
Chromium	mg/L	ND	0.20	04/17/15 10:02	
Lead	mg/L	ND	0.20	04/17/15 10:02	
Selenium	mg/L	ND	0.20	04/17/15 10:02	
Silver	mg/L	ND	0.20	04/17/15 10:02	

METHOD BLANK: 111322

Matrix: Water

Associated Lab Samples: 60191164001, 60191164002, 60191164003, 60191164004, 60191164005, 60191164006, 60191164007, 60191164008, 60191164009, 60191164010, 60191164011, 60191164012, 60191164013, 60191164014, 60191164015, 60191164016, 60191164017, 60191164018, 60191164019, 60191164020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.20	04/17/15 11:52	
Barium	mg/L	ND	2.0	04/17/15 11:52	
Cadmium	mg/L	ND	0.10	04/17/15 11:52	
Chromium	mg/L	ND	0.20	04/17/15 11:52	
Lead	mg/L	ND	0.20	04/17/15 11:52	
Selenium	mg/L	ND	0.20	04/17/15 11:52	
Silver	mg/L	ND	0.20	04/17/15 11:52	

LABORATORY CONTROL SAMPLE: 111985

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	2	2.1	104	84-117	
Barium	mg/L	2	2.1	104	85-118	
Cadmium	mg/L	2	2.1	106	85-115	
Chromium	mg/L	2	2.1	104	83-117	
Lead	mg/L	2	2.1	107	84-118	
Selenium	mg/L	2	2.1	105	85-116	
Silver	mg/L	1	1.0	104	80-120	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 111986		111987		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60191164001 Result	MS Spike Conc.	MSD Spike Conc.									
Arsenic	mg/L	ND	2	2	2.0	1.9	98	97	80-120	1	20		
Barium	mg/L	ND	2	2	2.4	2.4	99	98	80-120	1	20		
Cadmium	mg/L	ND	2	2	1.8	1.7	89	87	80-120	2	20		
Chromium	mg/L	ND	2	2	2.0	1.9	96	94	80-120	2	20		
Lead	mg/L	ND	2	2	1.7	1.7	85	84	80-120	2	20		
Selenium	mg/L	ND	2	2	2.0	1.9	97	97	80-120	1	20		
Silver	mg/L	ND	1	1	0.96	0.94	96	94	80-120	2	20		

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112385		112386		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60191164021 Result	MS Spike Conc.	MSD Spike Conc.									
Arsenic	mg/L	ND	2	2	2.0	2.0	97	98	80-120	1	20		
Barium	mg/L	ND	2	2	2.4	2.4	99	99	80-120	0	20		
Cadmium	mg/L	ND	2	2	1.7	1.7	86	86	80-120	0	20		
Chromium	mg/L	ND	2	2	1.9	1.9	95	95	80-120	0	20		
Lead	mg/L	ND	2	2	1.6	1.6	82	82	80-120	0	20		
Selenium	mg/L	ND	2	2	1.9	1.9	96	97	80-120	1	20		
Silver	mg/L	ND	1	1	0.95	0.95	95	95	80-120	0	20		

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191164

QC Batch: MPRP/2594 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
Associated Lab Samples: 60191164023, 60191164037

METHOD BLANK: 112553 Matrix: Water
Associated Lab Samples: 60191164023, 60191164037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.20	04/17/15 13:04	
Barium	mg/L	ND	2.0	04/17/15 13:04	
Cadmium	mg/L	ND	0.10	04/17/15 13:04	
Chromium	mg/L	ND	0.20	04/17/15 13:04	
Lead	mg/L	ND	0.20	04/17/15 13:04	
Selenium	mg/L	ND	0.20	04/17/15 13:04	
Silver	mg/L	ND	0.20	04/17/15 13:04	

METHOD BLANK: 112062 Matrix: Water
Associated Lab Samples: 60191164023, 60191164037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.20	04/17/15 13:11	
Barium	mg/L	ND	2.0	04/17/15 13:11	
Cadmium	mg/L	ND	0.10	04/17/15 13:11	
Chromium	mg/L	ND	0.20	04/17/15 13:11	
Lead	mg/L	ND	0.20	04/17/15 13:11	
Selenium	mg/L	ND	0.20	04/17/15 13:11	
Silver	mg/L	ND	0.20	04/17/15 13:11	

METHOD BLANK: 112378 Matrix: Water
Associated Lab Samples: 60191164023, 60191164037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.20	04/17/15 13:15	
Barium	mg/L	ND	2.0	04/17/15 13:15	
Cadmium	mg/L	ND	0.10	04/17/15 13:15	
Chromium	mg/L	ND	0.20	04/17/15 13:15	
Lead	mg/L	ND	0.20	04/17/15 13:15	
Selenium	mg/L	ND	0.20	04/17/15 13:15	
Silver	mg/L	ND	0.20	04/17/15 13:15	

LABORATORY CONTROL SAMPLE: 112554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	2	2.1	103	84-117	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

LABORATORY CONTROL SAMPLE: 112554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	mg/L	2	2.0	101	85-118	
Cadmium	mg/L	2	2.2	108	85-115	
Chromium	mg/L	2	2.1	104	83-117	
Lead	mg/L	2	2.2	108	84-118	
Selenium	mg/L	2	2.1	103	85-116	
Silver	mg/L	1	1.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112555 112556

Parameter	Units	60191164023		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Arsenic	mg/L	ND	2	2	1.9	1.9	95	97	80-120	2	20				
Barium	mg/L	ND	2	2	2.1	2.2	91	94	80-120	3	20				
Cadmium	mg/L	ND	2	2	1.7	1.8	86	88	80-120	3	20				
Chromium	mg/L	ND	2	2	1.8	1.9	90	94	80-120	4	20				
Lead	mg/L	ND	2	2	1.6	1.7	82	84	80-120	3	20				
Selenium	mg/L	ND	2	2	1.9	1.9	93	95	80-120	2	20				
Silver	mg/L	ND	1	1	0.92	0.95	92	95	80-120	3	20				

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

QC Batch:	MSV/2880	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV TCLP
Associated Lab Samples:	60191164001, 60191164002, 60191164003, 60191164004, 60191164005, 60191164006, 60191164007, 60191164008, 60191164009, 60191164010, 60191164011, 60191164012, 60191164013, 60191164014, 60191164015, 60191164016, 60191164017, 60191164018		

METHOD BLANK: 111847 Matrix: Water

Associated Lab Samples:

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	mg/L	ND	0.10	04/16/15 13:09	
1,2-Dichloroethane	mg/L	ND	0.10	04/16/15 13:09	
2-Butanone (MEK)	mg/L	ND	0.20	04/16/15 13:09	
Benzene	mg/L	ND	0.10	04/16/15 13:09	
Carbon tetrachloride	mg/L	ND	0.10	04/16/15 13:09	
Chlorobenzene	mg/L	ND	0.10	04/16/15 13:09	
Chloroform	mg/L	ND	0.10	04/16/15 13:09	
Tetrachloroethene	mg/L	ND	0.10	04/16/15 13:09	
Trichloroethene	mg/L	ND	0.10	04/16/15 13:09	
Vinyl chloride	mg/L	ND	0.10	04/16/15 13:09	
4-Bromofluorobenzene (S)	%	78	62-134	04/16/15 13:09	
Dibromofluoromethane (S)	%	87	64-130	04/16/15 13:09	
Toluene-d8 (S)	%	86	70-130	04/16/15 13:09	

LABORATORY CONTROL SAMPLE: 112289

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	mg/L	.4	0.36	89	50-151	
1,2-Dichloroethane	mg/L	.4	0.30	76	58-150	
2-Butanone (MEK)	mg/L	.4	0.38	96	18-173	
Benzene	mg/L	.4	0.36	91	68-129	
Carbon tetrachloride	mg/L	.4	0.32	79	56-146	
Chlorobenzene	mg/L	.4	0.31	78	74-131	
Chloroform	mg/L	.4	0.32	81	71-132	
Tetrachloroethene	mg/L	.4	0.36	89	57-151	
Trichloroethene	mg/L	.4	0.30	75	71-131	
Vinyl chloride	mg/L	.4	0.28	71	42-148	
4-Bromofluorobenzene (S)	%			76	62-134	
Dibromofluoromethane (S)	%			86	64-130	
Toluene-d8 (S)	%			80	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112290 112291

Parameter	Units	60191164018 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Spike Conc.	MSD Spike Conc.	MS Result						
1,1-Dichloroethene	mg/L	ND	.4	.4	.4	0.40	0.45	100	112	40-163	11	20
1,2-Dichloroethane	mg/L	ND	.4	.4	.4	0.37	0.34	93	84	57-155	9	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112290		112291		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60191164018 Result	MS Spike Conc.	MSD Spike Conc.									
2-Butanone (MEK)	mg/L	ND	.4	.4	0.37	0.51	93	129	14-184	32	20	R1	
Benzene	mg/L	ND	.4	.4	0.39	0.37	99	93	60-138	6	20		
Carbon tetrachloride	mg/L	ND	.4	.4	0.35	0.34	88	85	51-151	3	20		
Chlorobenzene	mg/L	ND	.4	.4	0.34	0.33	86	84	71-135	3	20		
Chloroform	mg/L	ND	.4	.4	0.36	0.40	91	99	67-138	8	20		
Tetrachloroethene	mg/L	ND	.4	.4	0.36	0.34	90	84	48-160	6	20		
Trichloroethene	mg/L	ND	.4	.4	0.33	0.32	83	81	62-142	2	20		
Vinyl chloride	mg/L	ND	.4	.4	0.33	0.33	82	82	35-153	0	20		
4-Bromofluorobenzene (S)	%						77	76	62-134				
Dibromofluoromethane (S)	%						88	96	64-130				
Toluene-d8 (S)	%						81	82	70-130				

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191164

QC Batch: MSV/2885 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60191164019, 60191164020, 60191164021, 60191164022, 60191164023, 60191164024, 60191164025, 60191164026, 60191164027, 60191164028, 60191164029, 60191164030, 60191164031, 60191164032, 60191164033, 60191164034, 60191164035, 60191164036, 60191164037, 60191164038

METHOD BLANK: 112169 Matrix: Water
Associated Lab Samples:

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	mg/L	ND	0.10	04/17/15 15:37	
1,2-Dichloroethane	mg/L	ND	0.10	04/17/15 15:37	
2-Butanone (MEK)	mg/L	ND	0.20	04/17/15 15:37	
Benzene	mg/L	ND	0.10	04/17/15 15:37	
Carbon tetrachloride	mg/L	ND	0.10	04/17/15 15:37	
Chlorobenzene	mg/L	ND	0.10	04/17/15 15:37	
Chloroform	mg/L	ND	0.10	04/17/15 15:37	
Tetrachloroethene	mg/L	ND	0.10	04/17/15 15:37	
Trichloroethene	mg/L	ND	0.10	04/17/15 15:37	
Vinyl chloride	mg/L	ND	0.10	04/17/15 15:37	
4-Bromofluorobenzene (S)	%	84	62-134	04/17/15 15:37	
Dibromofluoromethane (S)	%	85	64-130	04/17/15 15:37	
Toluene-d8 (S)	%	80	70-130	04/17/15 15:37	

LABORATORY CONTROL SAMPLE: 112766

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	mg/L	.4	0.36	91	50-151	
1,2-Dichloroethane	mg/L	.4	0.29	72	58-150	
2-Butanone (MEK)	mg/L	.4	0.42	104	18-173	
Benzene	mg/L	.4	0.34	85	68-129	
Carbon tetrachloride	mg/L	.4	0.32	80	56-146	
Chlorobenzene	mg/L	.4	0.33	83	74-131	
Chloroform	mg/L	.4	0.32	81	71-132	
Tetrachloroethene	mg/L	.4	0.35	87	57-151	
Trichloroethene	mg/L	.4	0.29	72	71-131	
Vinyl chloride	mg/L	.4	0.27	68	42-148	
4-Bromofluorobenzene (S)	%			81	62-134	
Dibromofluoromethane (S)	%			79	64-130	
Toluene-d8 (S)	%			77	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112767 112768

Parameter	Units	60191164038 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Conc.	Spike Conc.	MSD Conc.						
1,1-Dichloroethene	mg/L	ND	.4	.4	0.39	0.36	97	91	40-163	6	20	
1,2-Dichloroethane	mg/L	ND	.4	.4	0.28	0.29	70	72	57-155	3	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112767		112768		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60191164038 Result	MS Spike Conc.	MSD Spike Conc.									
2-Butanone (MEK)	mg/L	ND	.4	.4	0.30	0.32	74	80	14-184	7	20		
Benzene	mg/L	ND	.4	.4	0.38	0.35	95	88	60-138	8	20		
Carbon tetrachloride	mg/L	ND	.4	.4	0.33	0.34	83	84	51-151	1	20		
Chlorobenzene	mg/L	ND	.4	.4	0.35	0.32	88	81	71-135	8	20		
Chloroform	mg/L	ND	.4	.4	0.33	0.34	82	85	67-138	3	20		
Tetrachloroethene	mg/L	ND	.4	.4	0.36	0.37	90	94	48-160	4	20		
Trichloroethene	mg/L	ND	.4	.4	0.30	0.30	76	74	62-142	2	20		
Vinyl chloride	mg/L	ND	.4	.4	0.30	0.30	75	75	35-153	0	20		
4-Bromofluorobenzene (S)	%						78	80	62-134				
Dibromofluoromethane (S)	%						77	82	64-130				
Toluene-d8 (S)	%						80	77	70-130				

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191164

QC Batch: MSV/2886 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60191164039, 60191164040

METHOD BLANK: 112772 Matrix: Water
Associated Lab Samples:

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	mg/L	ND	0.10	04/17/15 22:38	
1,2-Dichloroethane	mg/L	ND	0.10	04/17/15 22:38	
2-Butanone (MEK)	mg/L	ND	0.20	04/17/15 22:38	
Benzene	mg/L	ND	0.10	04/17/15 22:38	
Carbon tetrachloride	mg/L	ND	0.10	04/17/15 22:38	
Chlorobenzene	mg/L	ND	0.10	04/17/15 22:38	
Chloroform	mg/L	ND	0.10	04/17/15 22:38	
Tetrachloroethene	mg/L	ND	0.10	04/17/15 22:38	
Trichloroethene	mg/L	ND	0.10	04/17/15 22:38	
Vinyl chloride	mg/L	ND	0.10	04/17/15 22:38	
4-Bromofluorobenzene (S)	%	83	62-134	04/17/15 22:38	
Dibromofluoromethane (S)	%	85	64-130	04/17/15 22:38	
Toluene-d8 (S)	%	79	70-130	04/17/15 22:38	

LABORATORY CONTROL SAMPLE: 112769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	mg/L	.4	0.39	98	50-151	
1,2-Dichloroethane	mg/L	.4	0.32	80	58-150	
2-Butanone (MEK)	mg/L	.4	0.29	73	18-173	
Benzene	mg/L	.4	0.37	92	68-129	
Carbon tetrachloride	mg/L	.4	0.32	80	56-146	
Chlorobenzene	mg/L	.4	0.35	86	74-131	
Chloroform	mg/L	.4	0.34	85	71-132	
Tetrachloroethene	mg/L	.4	0.37	91	57-151	
Trichloroethene	mg/L	.4	0.31	77	71-131	
Vinyl chloride	mg/L	.4	0.30	76	42-148	
4-Bromofluorobenzene (S)	%			80	62-134	
Dibromofluoromethane (S)	%			85	64-130	
Toluene-d8 (S)	%			78	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112770 112771

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		60191164040 Result	Spike Conc.	Spike Conc.	Result							
1,1-Dichloroethene	mg/L	ND	.4	.4	0.38	0.40	96	101	40-163	5	20	
1,2-Dichloroethane	mg/L	ND	.4	.4	0.31	0.31	76	77	57-155	0	20	
2-Butanone (MEK)	mg/L	0.54	.4	.4	0.86	0.87	82	83	14-184	0	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112770		112771		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60191164040 Result	MS Spike Conc.	MSD Spike Conc.									
Benzene	mg/L	ND	.4	.4	0.36	0.37	89	93	60-138	5	20		
Carbon tetrachloride	mg/L	ND	.4	.4	0.36	0.34	89	86	51-151	4	20		
Chlorobenzene	mg/L	ND	.4	.4	0.34	0.36	85	90	71-135	5	20		
Chloroform	mg/L	ND	.4	.4	0.33	0.35	83	86	67-138	4	20		
Tetrachloroethene	mg/L	ND	.4	.4	0.37	0.40	92	100	48-160	8	20		
Trichloroethene	mg/L	ND	.4	.4	0.31	0.32	77	80	62-142	4	20		
Vinyl chloride	mg/L	ND	.4	.4	0.30	0.30	75	75	35-153	1	20		
4-Bromofluorobenzene (S)	%						84	81	62-134				
Dibromofluoromethane (S)	%						82	84	64-130				
Toluene-d8 (S)	%						80	82	70-130				

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191164

QC Batch: OEXT/4903 Analysis Method: EPA 8270
QC Batch Method: EPA 3535 Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 60191164001, 60191164002, 60191164003, 60191164004, 60191164005, 60191164006, 60191164007, 60191164008, 60191164009, 60191164010, 60191164011, 60191164012, 60191164013, 60191164014

METHOD BLANK: 111322 Matrix: Water
Associated Lab Samples: 60191164001, 60191164002, 60191164003, 60191164004, 60191164005, 60191164006, 60191164007, 60191164008, 60191164009, 60191164010, 60191164011, 60191164012, 60191164013, 60191164014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	mg/L	ND	0.10	04/16/15 09:50	
2,4,5-Trichlorophenol	mg/L	ND	0.25	04/16/15 09:50	
2,4,6-Trichlorophenol	mg/L	ND	0.10	04/16/15 09:50	
2,4-Dinitrotoluene	mg/L	ND	0.10	04/16/15 09:50	
2-Methylphenol(o-Cresol)	mg/L	ND	0.10	04/16/15 09:50	
3&4-Methylphenol(m&p Cresol)	mg/L	ND	0.10	04/16/15 09:50	
Hexachloro-1,3-butadiene	mg/L	ND	0.10	04/16/15 09:50	
Hexachlorobenzene	mg/L	ND	0.10	04/16/15 09:50	
Hexachloroethane	mg/L	ND	0.10	04/16/15 09:50	
Nitrobenzene	mg/L	ND	0.10	04/16/15 09:50	
Pentachlorophenol	mg/L	ND	0.25	04/16/15 09:50	
Pyridine	mg/L	ND	0.10	04/16/15 09:50	
2,4,6-Tribromophenol (S)	%	99	25-145	04/16/15 09:50	
2-Fluorobiphenyl (S)	%	72	34-117	04/16/15 09:50	
2-Fluorophenol (S)	%	38	10-118	04/16/15 09:50	
Nitrobenzene-d5 (S)	%	91	33-120	04/16/15 09:50	
Phenol-d6 (S)	%	33	15-134	04/16/15 09:50	
Terphenyl-d14 (S)	%	94	24-133	04/16/15 09:50	

LABORATORY CONTROL SAMPLE: 111851

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	mg/L	.5	0.25	51	45-110	
2,4,5-Trichlorophenol	mg/L	.5	0.33	67	44-110	
2,4,6-Trichlorophenol	mg/L	.5	0.34	69	43-110	
2,4-Dinitrotoluene	mg/L	.5	0.31	62	49-124	
2-Methylphenol(o-Cresol)	mg/L	.5	0.26	52	46-110	
3&4-Methylphenol(m&p Cresol)	mg/L	1	0.54	54	45-117	
Hexachloro-1,3-butadiene	mg/L	.5	0.33	65	34-110	
Hexachlorobenzene	mg/L	.5	0.33	66	52-115	
Hexachloroethane	mg/L	.5	0.25	51	43-110	
Nitrobenzene	mg/L	.5	0.40	81	41-112	
Pentachlorophenol	mg/L	.5	0.26	51	38-135	
Pyridine	mg/L	.5	0.18	36	24-118	
2,4,6-Tribromophenol (S)	%			99	25-145	
2-Fluorobiphenyl (S)	%			74	34-117	
2-Fluorophenol (S)	%			40	10-118	
Nitrobenzene-d5 (S)	%			98	33-120	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

LABORATORY CONTROL SAMPLE: 111851

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol-d6 (S)	%.			34	15-134	
Terphenyl-d14 (S)	%.			90	24-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 111852 111853

Parameter	Units	60191164002		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
1,4-Dichlorobenzene	mg/L	ND	.5	.5	0.28	.08J	56	16	35-110		20	M1	
2,4,5-Trichlorophenol	mg/L	ND	.5	.5	0.30	.078J	59	16	35-144		20	M1	
2,4,6-Trichlorophenol	mg/L	ND	.5	.5	0.26	.067J	53	13	33-140		20	M1	
2,4-Dinitrotoluene	mg/L	ND	.5	.5	0.30	.069J	60	14	33-128		20	M1	
2-Methylphenol(o-Cresol)	mg/L	ND	.5	.5	0.25	.07J	51	14	10-126		20		
3&4-Methylphenol(m&p Cresol)	mg/L	ND	1	1	0.50	0.13	50	13	38-128	116	20	M1,R1	
Hexachloro-1,3-butadiene	mg/L	ND	.5	.5	0.29	0.10	59	20	27-110	97	20	M1,R1	
Hexachlorobenzene	mg/L	ND	.5	.5	0.34	.09J	69	18	40-111		20	M1	
Hexachloroethane	mg/L	ND	.5	.5	0.29	.086J	58	17	35-110		20	M1	
Nitrobenzene	mg/L	ND	.5	.5	0.32	0.11	64	21	29-118	99	20	M1,R1	
Pentachlorophenol	mg/L	ND	.5	.5	.2J	.037J	41	7	24-168		20	M1	
Pyridine	mg/L	ND	.5	.5	0.25	0.15	51	29	40-112	54	20	M1,R1	
2,4,6-Tribromophenol (S)	%.						95	40	25-145				
2-Fluorobiphenyl (S)	%.						68	29	34-117			S0	
2-Fluorophenol (S)	%.						36	18	10-118				
Nitrobenzene-d5 (S)	%.						75	33	33-120				
Phenol-d6 (S)	%.						43	22	15-134				
Terphenyl-d14 (S)	%.						82	37	24-133				

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

QC Batch: OEXT/4904 Analysis Method: EPA 8270
 QC Batch Method: EPA 3535 Analysis Description: 8270 TCLP MSSV
 Associated Lab Samples: 60191164015, 60191164016, 60191164017, 60191164018, 60191164019, 60191164020

METHOD BLANK: 111857 Matrix: Solid
 Associated Lab Samples: 60191164015, 60191164016, 60191164017, 60191164018, 60191164019, 60191164020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	mg/L	ND	0.10	04/17/15 09:12	
2,4,5-Trichlorophenol	mg/L	ND	0.25	04/17/15 09:12	
2,4,6-Trichlorophenol	mg/L	ND	0.10	04/17/15 09:12	
2,4-Dinitrotoluene	mg/L	ND	0.10	04/17/15 09:12	
2-Methylphenol(o-Cresol)	mg/L	ND	0.10	04/17/15 09:12	
3&4-Methylphenol(m&p Cresol)	mg/L	ND	0.10	04/17/15 09:12	
Hexachloro-1,3-butadiene	mg/L	ND	0.10	04/17/15 09:12	
Hexachlorobenzene	mg/L	ND	0.10	04/17/15 09:12	
Hexachloroethane	mg/L	ND	0.10	04/17/15 09:12	
Nitrobenzene	mg/L	ND	0.10	04/17/15 09:12	
Pentachlorophenol	mg/L	ND	0.25	04/17/15 09:12	
Pyridine	mg/L	ND	0.10	04/17/15 09:12	
2,4,6-Tribromophenol (S)	%	95	25-145	04/17/15 09:12	
2-Fluorobiphenyl (S)	%	68	34-117	04/17/15 09:12	
2-Fluorophenol (S)	%	37	10-118	04/17/15 09:12	
Nitrobenzene-d5 (S)	%	106	33-120	04/17/15 09:12	
Phenol-d6 (S)	%	28	15-134	04/17/15 09:12	
Terphenyl-d14 (S)	%	97	24-133	04/17/15 09:12	

METHOD BLANK: 111858 Matrix: Solid
 Associated Lab Samples: 60191164015, 60191164016, 60191164017, 60191164018, 60191164019, 60191164020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	mg/L	ND	0.10	04/17/15 09:37	
2,4,5-Trichlorophenol	mg/L	ND	0.25	04/17/15 09:37	
2,4,6-Trichlorophenol	mg/L	ND	0.10	04/17/15 09:37	
2,4-Dinitrotoluene	mg/L	ND	0.10	04/17/15 09:37	
2-Methylphenol(o-Cresol)	mg/L	ND	0.10	04/17/15 09:37	
3&4-Methylphenol(m&p Cresol)	mg/L	ND	0.10	04/17/15 09:37	
Hexachloro-1,3-butadiene	mg/L	ND	0.10	04/17/15 09:37	
Hexachlorobenzene	mg/L	ND	0.10	04/17/15 09:37	
Hexachloroethane	mg/L	ND	0.10	04/17/15 09:37	
Nitrobenzene	mg/L	ND	0.10	04/17/15 09:37	
Pentachlorophenol	mg/L	ND	0.25	04/17/15 09:37	
Pyridine	mg/L	ND	0.10	04/17/15 09:37	
2,4,6-Tribromophenol (S)	%	95	25-145	04/17/15 09:37	
2-Fluorobiphenyl (S)	%	69	34-117	04/17/15 09:37	
2-Fluorophenol (S)	%	29	10-118	04/17/15 09:37	
Nitrobenzene-d5 (S)	%	85	33-120	04/17/15 09:37	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191164

METHOD BLANK: 111858

Matrix: Solid

Associated Lab Samples: 60191164015, 60191164016, 60191164017, 60191164018, 60191164019, 60191164020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phenol-d6 (S)	%	24	15-134	04/17/15 09:37	
Terphenyl-d14 (S)	%	98	24-133	04/17/15 09:37	

LABORATORY CONTROL SAMPLE: 111854

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	mg/L	.5	0.28	57	45-110	
2,4,5-Trichlorophenol	mg/L	.5	0.35	69	44-110	
2,4,6-Trichlorophenol	mg/L	.5	0.37	73	43-110	
2,4-Dinitrotoluene	mg/L	.5	0.35	70	49-124	
2-Methylphenol(o-Cresol)	mg/L	.5	0.30	61	46-110	
3&4-Methylphenol(m&p Cresol)	mg/L	1	0.58	58	45-117	
Hexachloro-1,3-butadiene	mg/L	.5	0.36	72	34-110	
Hexachlorobenzene	mg/L	.5	0.37	73	52-115	
Hexachloroethane	mg/L	.5	0.28	56	43-110	
Nitrobenzene	mg/L	.5	0.45	89	41-112	
Pentachlorophenol	mg/L	.5	0.27	54	38-135	
Pyridine	mg/L	.5	0.19	37	24-118	
2,4,6-Tribromophenol (S)	%			100	25-145	
2-Fluorobiphenyl (S)	%			73	34-117	
2-Fluorophenol (S)	%			39	10-118	
Nitrobenzene-d5 (S)	%			99	33-120	
Phenol-d6 (S)	%			34	15-134	
Terphenyl-d14 (S)	%			96	24-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 111855

111856

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		60191164015 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,4-Dichlorobenzene	mg/L	ND	.5	.5	0.31	0.36	62	71	35-110	15	20	
2,4,5-Trichlorophenol	mg/L	ND	.5	.5	0.34	0.39	68	79	35-144	14	20	
2,4,6-Trichlorophenol	mg/L	ND	.5	.5	0.34	0.42	68	83	33-140	20	20	
2,4-Dinitrotoluene	mg/L	ND	.5	.5	0.33	0.37	66	75	33-128	12	20	
2-Methylphenol(o-Cresol)	mg/L	ND	.5	.5	0.23	0.26	47	53	10-126	13	20	
3&4-Methylphenol(m&p Cresol)	mg/L	ND	1	1	0.49	0.53	49	53	38-128	8	20	
Hexachloro-1,3-butadiene	mg/L	ND	.5	.5	0.41	0.44	81	89	27-110	9	20	
Hexachlorobenzene	mg/L	ND	.5	.5	0.42	0.39	83	78	40-111	6	20	
Hexachloroethane	mg/L	ND	.5	.5	0.32	0.33	63	65	35-110	3	20	
Nitrobenzene	mg/L	ND	.5	.5	0.43	0.46	87	92	29-118	7	20	
Pentachlorophenol	mg/L	ND	.5	.5	.21J	0.25	41	50	24-168		20	
Pyridine	mg/L	ND	.5	.5	0.29	0.22	58	44	40-112	28	20	R1
2,4,6-Tribromophenol (S)	%						152	107	25-145			S0

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 111855		111856		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60191164015 Result	MS Spike Conc.	MSD Spike Conc.									
2-Fluorobiphenyl (S)	%.							112	77	34-117			
2-Fluorophenol (S)	%.							70	32	10-118			
Nitrobenzene-d5 (S)	%.							149	101	33-120			S0
Phenol-d6 (S)	%.							64	25	15-134			
Terphenyl-d14 (S)	%.							161	98	24-133			S0

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191164

QC Batch: OEXT/4916 Analysis Method: EPA 8270
QC Batch Method: EPA 3535 Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 60191164021, 60191164022, 60191164024, 60191164025, 60191164026, 60191164027, 60191164028, 60191164029, 60191164030, 60191164031, 60191164032, 60191164033, 60191164034, 60191164035, 60191164036, 60191164038, 60191164039, 60191164040

METHOD BLANK: 111846 Matrix: Water
Associated Lab Samples: 60191164021, 60191164022, 60191164024, 60191164025, 60191164026, 60191164027, 60191164028, 60191164029, 60191164030, 60191164031, 60191164032, 60191164033, 60191164034, 60191164035, 60191164036, 60191164038, 60191164039, 60191164040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	mg/L	ND	0.10	04/20/15 09:41	
2,4,5-Trichlorophenol	mg/L	ND	0.25	04/20/15 09:41	
2,4,6-Trichlorophenol	mg/L	ND	0.10	04/20/15 09:41	
2,4-Dinitrotoluene	mg/L	ND	0.10	04/20/15 09:41	
2-Methylphenol(o-Cresol)	mg/L	ND	0.10	04/20/15 09:41	
3&4-Methylphenol(m&p Cresol)	mg/L	ND	0.10	04/20/15 09:41	
Hexachloro-1,3-butadiene	mg/L	ND	0.10	04/20/15 09:41	
Hexachlorobenzene	mg/L	ND	0.10	04/20/15 09:41	
Hexachloroethane	mg/L	ND	0.10	04/20/15 09:41	
Nitrobenzene	mg/L	ND	0.10	04/20/15 09:41	
Pentachlorophenol	mg/L	ND	0.25	04/20/15 09:41	
Pyridine	mg/L	ND	0.10	04/20/15 09:41	
2,4,6-Tribromophenol (S)	%	80	25-145	04/20/15 09:41	
2-Fluorobiphenyl (S)	%	67	34-117	04/20/15 09:41	
2-Fluorophenol (S)	%	34	10-118	04/20/15 09:41	
Nitrobenzene-d5 (S)	%	102	33-120	04/20/15 09:41	
Phenol-d6 (S)	%	28	15-134	04/20/15 09:41	
Terphenyl-d14 (S)	%	87	24-133	04/20/15 09:41	

LABORATORY CONTROL SAMPLE: 112398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	mg/L	.5	0.42	84	45-110	
2,4,5-Trichlorophenol	mg/L	.5	0.40	79	44-110	
2,4,6-Trichlorophenol	mg/L	.5	0.42	84	43-110	
2,4-Dinitrotoluene	mg/L	.5	0.40	80	49-124	
2-Methylphenol(o-Cresol)	mg/L	.5	0.27	54	46-110	
3&4-Methylphenol(m&p Cresol)	mg/L	1	0.53	53	45-117	
Hexachloro-1,3-butadiene	mg/L	.5	0.48	97	34-110	
Hexachlorobenzene	mg/L	.5	0.48	96	52-115	
Hexachloroethane	mg/L	.5	0.42	85	43-110	
Nitrobenzene	mg/L	.5	0.49	98	41-112	
Pentachlorophenol	mg/L	.5	0.25	51	38-135	
Pyridine	mg/L	.5	0.24	49	24-118	
2,4,6-Tribromophenol (S)	%			96	25-145	
2-Fluorobiphenyl (S)	%			73	34-117	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

LABORATORY CONTROL SAMPLE: 112398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Fluorophenol (S)	%.			28	10-118	
Nitrobenzene-d5 (S)	%.			86	33-120	
Phenol-d6 (S)	%.			26	15-134	
Terphenyl-d14 (S)	%.			95	24-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112399 112400

Parameter	Units	60191164021		MS		MSD		MS		MSD		% Rec		Max	
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual		
1,4-Dichlorobenzene	mg/L	ND	.5	.5	.5	0.26	0.28	52	57	35-110	9	20			
2,4,5-Trichlorophenol	mg/L	ND	.5	.5	.5	0.31	0.34	61	67	35-144	9	20			
2,4,6-Trichlorophenol	mg/L	ND	.5	.5	.5	0.31	0.35	62	70	33-140	12	20			
2,4-Dinitrotoluene	mg/L	ND	.5	.5	.5	0.31	0.35	62	71	33-128	13	20			
2-Methylphenol(o-Cresol)	mg/L	ND	.5	.5	.5	0.25	0.28	49	57	10-126	15	20			
3&4-Methylphenol(m&p Cresol)	mg/L	ND	1	1	1	0.47	0.56	47	56	38-128	19	20			
Hexachloro-1,3-butadiene	mg/L	ND	.5	.5	.5	0.37	0.41	74	81	27-110	9	20			
Hexachlorobenzene	mg/L	ND	.5	.5	.5	0.34	0.34	69	69	40-111	0	20			
Hexachloroethane	mg/L	ND	.5	.5	.5	0.27	0.32	53	63	35-110	17	20			
Nitrobenzene	mg/L	ND	.5	.5	.5	0.38	0.42	76	85	29-118	11	20			
Pentachlorophenol	mg/L	ND	.5	.5	.5	.2J	.21J	40	42	24-168		20			
Pyridine	mg/L	ND	.5	.5	.5	0.25	0.27	49	55	40-112	11	20			
2,4,6-Tribromophenol (S)	%.							98	100	25-145					
2-Fluorobiphenyl (S)	%.							61	69	34-117					
2-Fluorophenol (S)	%.							34	38	10-118					
Nitrobenzene-d5 (S)	%.							86	97	33-120					
Phenol-d6 (S)	%.							30	32	15-134					
Terphenyl-d14 (S)	%.							86	90	24-133					

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

QC Batch: OEXT/4924

Analysis Method: EPA 8270

QC Batch Method: EPA 3535

Analysis Description: 8270 TCLP MSSV

Associated Lab Samples: 60191164023, 60191164037

METHOD BLANK: 112062

Matrix: Water

Associated Lab Samples: 60191164023, 60191164037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	mg/L	ND	0.10	04/17/15 17:09	
2,4,5-Trichlorophenol	mg/L	ND	0.25	04/17/15 17:09	
2,4,6-Trichlorophenol	mg/L	ND	0.10	04/17/15 17:09	
2,4-Dinitrotoluene	mg/L	ND	0.10	04/17/15 17:09	
2-Methylphenol(o-Cresol)	mg/L	ND	0.10	04/17/15 17:09	
3&4-Methylphenol(m&p Cresol)	mg/L	ND	0.10	04/17/15 17:09	
Hexachloro-1,3-butadiene	mg/L	ND	0.10	04/17/15 17:09	
Hexachlorobenzene	mg/L	ND	0.10	04/17/15 17:09	
Hexachloroethane	mg/L	ND	0.10	04/17/15 17:09	
Nitrobenzene	mg/L	ND	0.10	04/17/15 17:09	
Pentachlorophenol	mg/L	ND	0.25	04/17/15 17:09	
Pyridine	mg/L	ND	0.10	04/17/15 17:09	
2,4,6-Tribromophenol (S)	%	86	25-145	04/17/15 17:09	
2-Fluorobiphenyl (S)	%	69	34-117	04/17/15 17:09	
2-Fluorophenol (S)	%	32	10-118	04/17/15 17:09	
Nitrobenzene-d5 (S)	%	94	33-120	04/17/15 17:09	
Phenol-d6 (S)	%	26	15-134	04/17/15 17:09	
Terphenyl-d14 (S)	%	91	24-133	04/17/15 17:09	

METHOD BLANK: 112378

Matrix: Water

Associated Lab Samples: 60191164023, 60191164037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	mg/L	ND	0.10	04/17/15 17:35	
2,4,5-Trichlorophenol	mg/L	ND	0.25	04/17/15 17:35	
2,4,6-Trichlorophenol	mg/L	ND	0.10	04/17/15 17:35	
2,4-Dinitrotoluene	mg/L	ND	0.10	04/17/15 17:35	
2-Methylphenol(o-Cresol)	mg/L	ND	0.10	04/17/15 17:35	
3&4-Methylphenol(m&p Cresol)	mg/L	ND	0.10	04/17/15 17:35	
Hexachloro-1,3-butadiene	mg/L	ND	0.10	04/17/15 17:35	
Hexachlorobenzene	mg/L	ND	0.10	04/17/15 17:35	
Hexachloroethane	mg/L	ND	0.10	04/17/15 17:35	
Nitrobenzene	mg/L	ND	0.10	04/17/15 17:35	
Pentachlorophenol	mg/L	ND	0.25	04/17/15 17:35	
Pyridine	mg/L	ND	0.10	04/17/15 17:35	
2,4,6-Tribromophenol (S)	%	74	25-145	04/17/15 17:35	
2-Fluorobiphenyl (S)	%	69	34-117	04/17/15 17:35	
2-Fluorophenol (S)	%	35	10-118	04/17/15 17:35	
Nitrobenzene-d5 (S)	%	96	33-120	04/17/15 17:35	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191164

METHOD BLANK: 112378 Matrix: Water

Associated Lab Samples: 60191164023, 60191164037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phenol-d6 (S)	%	28	15-134	04/17/15 17:35	
Terphenyl-d14 (S)	%	72	24-133	04/17/15 17:35	

LABORATORY CONTROL SAMPLE: 112571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	mg/L	.5	0.37	73	45-110	
2,4,5-Trichlorophenol	mg/L	.5	0.37	73	44-110	
2,4,6-Trichlorophenol	mg/L	.5	0.41	81	43-110	
2,4-Dinitrotoluene	mg/L	.5	0.37	73	49-124	
2-Methylphenol(o-Cresol)	mg/L	.5	0.25	49	46-110	
3&4-Methylphenol(m&p Cresol)	mg/L	1	0.47	47	45-117	
Hexachloro-1,3-butadiene	mg/L	.5	0.46	93	34-110	
Hexachlorobenzene	mg/L	.5	0.47	94	52-115	
Hexachloroethane	mg/L	.5	0.38	77	43-110	
Nitrobenzene	mg/L	.5	0.44	88	41-112	
Pentachlorophenol	mg/L	.5	0.25	50	38-135	
Pyridine	mg/L	.5	0.20	41	24-118	
2,4,6-Tribromophenol (S)	%			99	25-145	
2-Fluorobiphenyl (S)	%			74	34-117	
2-Fluorophenol (S)	%			27	10-118	
Nitrobenzene-d5 (S)	%			89	33-120	
Phenol-d6 (S)	%			24	15-134	
Terphenyl-d14 (S)	%			92	24-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112572 112573

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		60191164023 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,4-Dichlorobenzene	mg/L	ND	.5	.5	0.31	0.36	61	72	35-110	16	20	
2,4,5-Trichlorophenol	mg/L	ND	.5	.5	0.40	0.43	79	86	35-144	7	20	
2,4,6-Trichlorophenol	mg/L	ND	.5	.5	0.40	0.44	80	87	33-140	8	20	
2,4-Dinitrotoluene	mg/L	ND	.5	.5	0.34	0.35	68	71	33-128	4	20	
2-Methylphenol(o-Cresol)	mg/L	ND	.5	.5	0.28	0.29	55	57	10-126	3	20	
3&4-Methylphenol(m&p Cresol)	mg/L	ND	1	1	0.55	0.57	55	57	38-128	2	20	
Hexachloro-1,3-butadiene	mg/L	ND	.5	.5	0.38	0.45	76	90	27-110	18	20	
Hexachlorobenzene	mg/L	ND	.5	.5	0.35	0.40	69	79	40-111	14	20	
Hexachloroethane	mg/L	ND	.5	.5	0.31	0.35	62	71	35-110	13	20	
Nitrobenzene	mg/L	ND	.5	.5	0.40	0.44	80	88	29-118	9	20	
Pentachlorophenol	mg/L	ND	.5	.5	.055J	.044J	11	9	24-168		20	M1
Pyridine	mg/L	ND	.5	.5	0.15	0.14	31	27	40-112	13	20	M1
2,4,6-Tribromophenol (S)	%						104	104	25-145			

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191164

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 112572		112573		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		60191164023 Result	MS Spike Conc.	MSD Spike Conc.									
2-Fluorobiphenyl (S)	%.							81	83	34-117			
2-Fluorophenol (S)	%.							34	34	10-118			
Nitrobenzene-d5 (S)	%.							93	100	33-120			
Phenol-d6 (S)	%.							29	30	15-134			
Terphenyl-d14 (S)	%.							114	138	24-133			S0

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QUALIFIERS

Project: Bannister IL1561

Pace Project No.: 60191164

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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TNI - The NELAC Institute.

LABORATORIES

PASI-N Pace Analytical Services - New Orleans

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60191164

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60191164001	BFC-FOAM-H101	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164002	BFC-FOAM-H102	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164003	BFC-FOAM-H103	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164004	BFC-FOAM-H104	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164005	BFC-FOAM-H105	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164006	BFC-FOAM-H106	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164007	BFC-FOAM-H107	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164008	BFC-FOAM-H108	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164009	BFC-FOAM-H109	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164010	BFC-FOAM-H110	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164011	BFC-FOAM-H111	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164012	BFC-FOAM-H112	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164013	BFC-FOAM-H113	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164014	BFC-FOAM-H114	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164015	BFC-FOAM-H115	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164016	BFC-FOAM-H116	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164017	BFC-FOAM-H117	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164018	BFC-FOAM-H118	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164019	BFC-FOAM-H119	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164020	BFC-FOAM-H120A	EPA 3010	MPRP/2585	EPA 6010	ICP/2514
60191164021	BFC-FOAM-H120B	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164022	BFC-FOAM-H121	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164023	BFC-FOAM-H122	EPA 3010	MPRP/2594	EPA 6010	ICP/2520
60191164024	BFC-FOAM-H123	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164025	BFC-TCES-H138	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164026	BFC-TCES-H139	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164027	BFC-TCES-H140A	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164028	BFC-TCES-H140B	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164029	BFC-TCES-H141	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164030	BFC-TCES-H142	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164031	BFC-TCES-H143	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164032	BFC-TCES-H144	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164033	BFC-TCES-H145	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164034	BFC-TCES-H146	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164035	BFC-TCES-H147	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164036	BFC-FOAM-H124	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164037	BFC-ETCA-H101	EPA 3010	MPRP/2594	EPA 6010	ICP/2520
60191164038	BFC-ETCA-H102	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164039	BFC-ETCA-H103	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164040	BFC-ETCA-H104	EPA 3010	MPRP/2592	EPA 6010	ICP/2517
60191164001	BFC-FOAM-H101	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164002	BFC-FOAM-H102	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164003	BFC-FOAM-H103	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164004	BFC-FOAM-H104	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164005	BFC-FOAM-H105	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164006	BFC-FOAM-H106	EPA 7470	MERP/1861	EPA 7470	MERC/2130

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60191164

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60191164007	BFC-FOAM-H107	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164008	BFC-FOAM-H108	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164009	BFC-FOAM-H109	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164010	BFC-FOAM-H110	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164011	BFC-FOAM-H111	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164012	BFC-FOAM-H112	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164013	BFC-FOAM-H113	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164014	BFC-FOAM-H114	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164015	BFC-FOAM-H115	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164016	BFC-FOAM-H116	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164017	BFC-FOAM-H117	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164018	BFC-FOAM-H118	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164019	BFC-FOAM-H119	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164020	BFC-FOAM-H120A	EPA 7470	MERP/1861	EPA 7470	MERC/2130
60191164021	BFC-FOAM-H120B	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164022	BFC-FOAM-H121	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164023	BFC-FOAM-H122	EPA 7470	MERP/1867	EPA 7470	MERC/2136
60191164024	BFC-FOAM-H123	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164025	BFC-TCES-H138	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164026	BFC-TCES-H139	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164027	BFC-TCES-H140A	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164028	BFC-TCES-H140B	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164029	BFC-TCES-H141	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164030	BFC-TCES-H142	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164031	BFC-TCES-H143	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164032	BFC-TCES-H144	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164033	BFC-TCES-H145	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164034	BFC-TCES-H146	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164035	BFC-TCES-H147	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164036	BFC-FOAM-H124	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164037	BFC-ETCA-H101	EPA 7470	MERP/1867	EPA 7470	MERC/2136
60191164038	BFC-ETCA-H102	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164039	BFC-ETCA-H103	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164040	BFC-ETCA-H104	EPA 7470	MERP/1866	EPA 7470	MERC/2134
60191164001	BFC-FOAM-H101	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164002	BFC-FOAM-H102	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164003	BFC-FOAM-H103	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164004	BFC-FOAM-H104	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164005	BFC-FOAM-H105	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164006	BFC-FOAM-H106	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164007	BFC-FOAM-H107	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164008	BFC-FOAM-H108	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164009	BFC-FOAM-H109	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164010	BFC-FOAM-H110	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164011	BFC-FOAM-H111	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164012	BFC-FOAM-H112	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561
Pace Project No.: 60191164

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60191164013	BFC-FOAM-H113	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164014	BFC-FOAM-H114	EPA 3535	OEXT/4903	EPA 8270	MSSV/2312
60191164015	BFC-FOAM-H115	EPA 3535	OEXT/4904	EPA 8270	MSSV/2318
60191164016	BFC-FOAM-H116	EPA 3535	OEXT/4904	EPA 8270	MSSV/2318
60191164017	BFC-FOAM-H117	EPA 3535	OEXT/4904	EPA 8270	MSSV/2318
60191164018	BFC-FOAM-H118	EPA 3535	OEXT/4904	EPA 8270	MSSV/2318
60191164019	BFC-FOAM-H119	EPA 3535	OEXT/4904	EPA 8270	MSSV/2318
60191164020	BFC-FOAM-H120A	EPA 3535	OEXT/4904	EPA 8270	MSSV/2318
60191164021	BFC-FOAM-H120B	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164022	BFC-FOAM-H121	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164023	BFC-FOAM-H122	EPA 3535	OEXT/4924	EPA 8270	MSSV/2319
60191164024	BFC-FOAM-H123	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164025	BFC-TCES-H138	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164026	BFC-TCES-H139	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164027	BFC-TCES-H140A	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164028	BFC-TCES-H140B	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164029	BFC-TCES-H141	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164030	BFC-TCES-H142	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164031	BFC-TCES-H143	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164032	BFC-TCES-H144	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164033	BFC-TCES-H145	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164034	BFC-TCES-H146	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164035	BFC-TCES-H147	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164036	BFC-FOAM-H124	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164037	BFC-ETCA-H101	EPA 3535	OEXT/4924	EPA 8270	MSSV/2319
60191164038	BFC-ETCA-H102	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164039	BFC-ETCA-H103	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164040	BFC-ETCA-H104	EPA 3535	OEXT/4916	EPA 8270	MSSV/2324
60191164001	BFC-FOAM-H101	EPA 8260	MSV/2880		
60191164002	BFC-FOAM-H102	EPA 8260	MSV/2880		
60191164003	BFC-FOAM-H103	EPA 8260	MSV/2880		
60191164004	BFC-FOAM-H104	EPA 8260	MSV/2880		
60191164005	BFC-FOAM-H105	EPA 8260	MSV/2880		
60191164006	BFC-FOAM-H106	EPA 8260	MSV/2880		
60191164007	BFC-FOAM-H107	EPA 8260	MSV/2880		
60191164008	BFC-FOAM-H108	EPA 8260	MSV/2880		
60191164009	BFC-FOAM-H109	EPA 8260	MSV/2880		
60191164010	BFC-FOAM-H110	EPA 8260	MSV/2880		
60191164011	BFC-FOAM-H111	EPA 8260	MSV/2880		
60191164012	BFC-FOAM-H112	EPA 8260	MSV/2880		
60191164013	BFC-FOAM-H113	EPA 8260	MSV/2880		
60191164014	BFC-FOAM-H114	EPA 8260	MSV/2880		
60191164015	BFC-FOAM-H115	EPA 8260	MSV/2880		
60191164016	BFC-FOAM-H116	EPA 8260	MSV/2880		
60191164017	BFC-FOAM-H117	EPA 8260	MSV/2880		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60191164

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60191164018	BFC-FOAM-H118	EPA 8260	MSV/2880		
60191164019	BFC-FOAM-H119	EPA 8260	MSV/2885		
60191164020	BFC-FOAM-H120A	EPA 8260	MSV/2885		
60191164021	BFC-FOAM-H120B	EPA 8260	MSV/2885		
60191164022	BFC-FOAM-H121	EPA 8260	MSV/2885		
60191164023	BFC-FOAM-H122	EPA 8260	MSV/2885		
60191164024	BFC-FOAM-H123	EPA 8260	MSV/2885		
60191164025	BFC-TCES-H138	EPA 8260	MSV/2885		
60191164026	BFC-TCES-H139	EPA 8260	MSV/2885		
60191164027	BFC-TCES-H140A	EPA 8260	MSV/2885		
60191164028	BFC-TCES-H140B	EPA 8260	MSV/2885		
60191164029	BFC-TCES-H141	EPA 8260	MSV/2885		
60191164030	BFC-TCES-H142	EPA 8260	MSV/2885		
60191164031	BFC-TCES-H143	EPA 8260	MSV/2885		
60191164032	BFC-TCES-H144	EPA 8260	MSV/2885		
60191164033	BFC-TCES-H145	EPA 8260	MSV/2885		
60191164034	BFC-TCES-H146	EPA 8260	MSV/2885		
60191164035	BFC-TCES-H147	EPA 8260	MSV/2885		
60191164036	BFC-FOAM-H124	EPA 8260	MSV/2885		
60191164037	BFC-ETCA-H101	EPA 8260	MSV/2885		
60191164038	BFC-ETCA-H102	EPA 8260	MSV/2885		
60191164039	BFC-ETCA-H103	EPA 8260	MSV/2886		
60191164040	BFC-ETCA-H104	EPA 8260	MSV/2886		

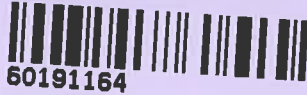
REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60191164



Client Name: Brandenburg

Optional
Proj Due Date:
Proj Name:

Courier: FedEx UPS VIA Clay PEX ECI Pace Other Client

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: T-239 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 3.7/5.1

Date and initials of person examining contents: pu 4/3/15

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Short Hold Time analyses (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.	
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.	
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.	
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.	
Includes date/time/ID/analyses	Matrix: <u>SL</u>	13.	
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Exceptions: VOA, Coliform, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed	Lot # of added preservative
Trip Blank present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.	
Pace Trip Blank lot # (if purchased):			
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.	
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	17. List State: <u>MD</u>	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AAF Date: 04/03/15



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:
 Company: Brandenburg Industrial Service Co.
 Address: 2625 S. Loomis St.
 Chicago, IL 60608
 Email: rojnic@brandenburg.com
 Phone: 312-405-0704
 Requested Due Date: 5/12/15

Section B
Required Project Information:
 Report To: Nick Rojas
 Copy To:
 Purchase Order #: 506848
 Project Name: Bannister
 Project #: IL1561

Section C
Invoice Information:
 Attention: Bryan Roberson/Accounts Payable
 Company Name: Brandenburg Industrial Service Co.
 Address: 2625 S. Loomis St. Chicago, IL 60608
 Pace Quote: 18296
 Pace Project Manager: Alice Flanagan, 913-563-1409
 Pace Profile #: 8372

Regulatory Agency
 State / Location
 MO

ITEM #	MATRIX	MATRIX CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	RELINQUISHED BY / AFFILIATION		DATE		TIME	ACCEPTED BY / AFFILIATION		DATE		TIME	SAMPLE CONDITIONS		
			START DATE	END TIME			DATE	TIME	DATE	TIME		DATE	TIME	Received on	Intact (Y/N)		Custody Sealed (Y/N)	Cooler (Y/N)	Samples (Y/N)
1	FOAM - H 113		4/25 9:30	4/25 9:30															
2	FOAM - H 114		4/25 9:35	4/25 9:35															
3	FOAM - H 115		4/25 9:40	4/25 9:40															
4	FOAM - H 116		4/25 9:45	4/25 9:45															
5	FOAM - H 117		4/25 9:50	4/25 9:50															
6	FOAM - H 118		4/25 10:10	4/25 10:10															
7	FOAM - H 119		4/25 10:12	4/25 10:12															
8	FOAM - H 120 A		4/25 10:30	4/25 10:30															
9	FOAM - H 120 B		4/25 10:35	4/25 10:35															
10	FOAM - H 121		4/25 10:40	4/25 10:40															
11	FOAM - H 122		4/25 10:45	4/25 10:45															
12	FOAM - H 123		4/25 10:50	4/25 10:50															

Requested Analysis Filtered (Y/N)

Residual Chlorine (Y/N)	
Flashpoint	
B260 VOCs full list	
TCLP VOCs	
TCLP SVOCs	
TCLP Metals	
Spec Gravity	
B270 SVOC	
pH, % moisture	
Metals - Total Be	
Reactivities	
PCBs by 8082	
Analyses Test	Y/N
Unpreserved	
H2SO4	
HNO3	
HCl	
NaOH	
Na2S2O3	
Methanol	
Other	

TEMP in C

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Nick Rojas
 SIGNATURE of SAMPLER: [Signature]
 DATE Signed: 4/21/15

April 20, 2015

Nick Rojas
Brandenburg Industrial Service Co.
2625 S. Loomis St
Chicago, IL 60608

RE: Project: Bannister IL1561
Pace Project No.: 60191344

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Alice Flanagan
alice.flanagan@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Bannister IL1561

Pace Project No.: 60191344

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268

Illinois Certification #: 200074

Indiana Certification #: C-49-06

Kansas Certification #: E-10177/ E-10247

Kentucky UST Certification #: 0042

Kentucky WW Certification #: 98019

Louisiana/NELAP Certification #: 04076

Ohio VAP Certification #: CL-0065

Oklahoma Certification #: 2014-148

Pennsylvania Certification #: 68-05340

Texas Certification #: T104704355-15-8

West Virginia Certification #: 330

Wisconsin Certification #: 999788130

USDA Soil Permit #: P330-10-00128

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL1561

Pace Project No.: 60191344

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60191344001	BFC-ETCA-H105	Solid	04/06/15 06:10	04/06/15 17:00
60191344002	BFC-ETCA-H106	Solid	04/06/15 06:20	04/06/15 17:00
60191344003	BFC-DECN-H101	Solid	04/06/15 06:30	04/06/15 17:00
60191344004	BFC-DECN-H102	Solid	04/06/15 06:35	04/06/15 17:00
60191344005	BFC-DECN-H103	Solid	04/06/15 06:40	04/06/15 17:00
60191344006	BFC-DECN-H104	Solid	04/06/15 06:45	04/06/15 17:00
60191344007	BFC-DECN-H105	Solid	04/06/15 06:50	04/06/15 17:00
60191344008	BFC-DECN-H106	Solid	04/06/15 06:55	04/06/15 17:00
60191344009	BFC-WBF1-T101	Solid	04/06/15 07:10	04/06/15 17:00
60191344010	BFC-WBF1-H101	Solid	04/06/15 07:20	04/06/15 17:00
60191344011	BFC-WBF2-T101	Solid	04/06/15 07:25	04/06/15 17:00
60191344012	BFC-WBF2-T102	Solid	04/06/15 07:30	04/06/15 17:00
60191344013	BFC-WBF1-T102	Solid	04/06/15 07:25	04/06/15 17:00
60191344014	BFC-WBF2-T103	Solid	04/06/15 07:30	04/06/15 17:00
60191344015	BFC-WBF2-T104	Solid	04/06/15 07:35	04/06/15 17:00
60191344016	BFC-WBF2-H101	Solid	04/06/15 07:40	04/06/15 17:00
60191344017	BFC-WBF2-T102	Solid	04/06/15 07:45	04/06/15 17:00
60191344018	BFC-WBF2-H102	Solid	04/06/15 07:50	04/06/15 17:00
60191344019	BFC-BD77-H101	Solid	04/06/15 08:10	04/06/15 17:00
60191344020	BFC-BD77-H102	Solid	04/06/15 08:20	04/06/15 17:00
60191344021	BFC-BD77-H103	Solid	04/06/15 08:25	04/06/15 17:00
60191344022	BFC-BD77-H104	Solid	04/06/15 08:35	04/06/15 17:00
60191344023	BFC-BD77-H105	Solid	04/06/15 08:40	04/06/15 17:00
60191344024	BFC-BD77-H106	Solid	04/06/15 08:45	04/06/15 17:00
60191344025	BFC-BD77-H107	Solid	04/06/15 08:50	04/06/15 17:00
60191344026	BFC-BD77-H108	Solid	04/06/15 08:55	04/06/15 17:00
60191344027	Trip Blank	Solid	04/06/15 08:00	04/06/15 17:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60191344

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60191344001	BFC-ETCA-H105	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I
60191344002	BFC-ETCA-H106	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I
60191344003	BFC-DECN-H101	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I
60191344004	BFC-DECN-H102	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I
60191344005	BFC-DECN-H103	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I
60191344006	BFC-DECN-H104	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I
60191344007	BFC-DECN-H105	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I
60191344008	BFC-DECN-H106	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I
60191344009	BFC-WBF1-T101	EPA 8082	JDH	8	PASI-K
		ASTM D2974	DWC	1	PASI-K
60191344010	BFC-WBF1-H101	EPA 8082	JDH	8	PASI-K
		ASTM D2974	DWC	1	PASI-K
60191344011	BFC-WBF2-T101	EPA 8082	JDH	8	PASI-K

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60191344

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60191344014	BFC-WBF2-T103	ASTM D2974	DWC	1	PASI-K
		EPA 8082	JDH	8	PASI-K
60191344015	BFC-WBF2-T104	ASTM D2974	DWC	1	PASI-K
		EPA 8082	JDH	8	PASI-K
60191344016	BFC-WBF2-H101	ASTM D2974	DWC	1	PASI-K
		EPA 8082	JDH	8	PASI-K
60191344017	BFC-WBF2-T102	ASTM D2974	DWC	1	PASI-K
		EPA 8082	JDH	8	PASI-K
60191344018	BFC-WBF2-H102	ASTM D2974	DWC	1	PASI-K
		EPA 8082	JDH	8	PASI-K
60191344019	BFC-BD77-H101	ASTM D2974	DWC	1	PASI-K
		EPA 6010	JPK	7	PASI-I
60191344020	BFC-BD77-H102	EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I
		EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
60191344021	BFC-BD77-H103	EPA 8260	DAE	13	PASI-I
		EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
60191344022	BFC-BD77-H104	EPA 8260	DAE	13	PASI-I
		EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
60191344023	BFC-BD77-H105	EPA 8260	DAE	13	PASI-I
		EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
60191344024	BFC-BD77-H106	EPA 8260	DAE	13	PASI-I
		EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
60191344025	BFC-BD77-H107	EPA 8260	DAE	13	PASI-I
		EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60191344

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60191344026	BFC-BD77-H108	EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I
		EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270	TBP	18	PASI-I
		EPA 8260	DAE	13	PASI-I

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-ETCA-H105 **Lab ID: 60191344001** Collected: 04/06/15 06:10 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
Arsenic	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:13	7440-38-2	
Barium	ND	mg/L	5.0	1	04/10/15 14:46	04/11/15 05:13	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/10/15 14:46	04/11/15 05:13	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:13	7440-47-3	
Lead	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:13	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:13	7782-49-2	
Silver	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:13	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
Mercury	ND	mg/L	0.0020	1	04/14/15 09:37	04/15/15 10:28	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 12:31	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 12:31	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 12:31	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 12:31	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/10/15 15:16	04/13/15 12:31	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/10/15 15:16	04/13/15 12:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/10/15 15:16	04/13/15 12:31		
Nitrobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 12:31	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 12:31	87-86-5	
Pyridine	ND	ug/L	100	1	04/10/15 15:16	04/13/15 12:31	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 12:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/10/15 15:16	04/13/15 12:31	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	72	%	29-126	1	04/10/15 15:16	04/13/15 12:31	4165-60-0	
2-Fluorobiphenyl (S)	68	%	31-118	1	04/10/15 15:16	04/13/15 12:31	321-60-8	
p-Terphenyl-d14 (S)	57	%	28-129	1	04/10/15 15:16	04/13/15 12:31	1718-51-0	
Phenol-d5 (S)	13	%	10-47	1	04/10/15 15:16	04/13/15 12:31	4165-62-2	
2-Fluorophenol (S)	24	%	10-67	1	04/10/15 15:16	04/13/15 12:31	367-12-4	
2,4,6-Tribromophenol (S)	84	%	31-161	1	04/10/15 15:16	04/13/15 12:31	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/13/15 15:30								
Benzene	ND	ug/L	50.0	1		04/15/15 16:13	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/15/15 16:13	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/15/15 16:13	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/15/15 16:13	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/15/15 16:13	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/15/15 16:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/15/15 16:13	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/15/15 16:13	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/15/15 16:13	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/15/15 16:13	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-ETCA-H105 **Lab ID: 60191344001** Collected: 04/06/15 06:10 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/13/15 15:30						
Surrogates								
Toluene-d8 (S)	98	%	81-110	1		04/15/15 16:13	2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-114	1		04/15/15 16:13	460-00-4	
Dibromofluoromethane (S)	101	%	79-116	1		04/15/15 16:13	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-ETCA-H106 **Lab ID: 60191344002** Collected: 04/06/15 06:20 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
Arsenic	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:32	7440-38-2	
Barium	ND	mg/L	5.0	1	04/10/15 14:46	04/11/15 05:32	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/10/15 14:46	04/11/15 05:32	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:32	7440-47-3	
Lead	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:32	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:32	7782-49-2	
Silver	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:32	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
Mercury	ND	mg/L	0.0020	1	04/14/15 09:37	04/15/15 10:32	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:13	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:13	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:13	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:13	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:13	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/10/15 15:16	04/13/15 13:13		
Nitrobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:13	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 13:13	87-86-5	
Pyridine	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 13:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:13	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	74	%	29-126	1	04/10/15 15:16	04/13/15 13:13	4165-60-0	
2-Fluorobiphenyl (S)	69	%	31-118	1	04/10/15 15:16	04/13/15 13:13	321-60-8	
p-Terphenyl-d14 (S)	65	%	28-129	1	04/10/15 15:16	04/13/15 13:13	1718-51-0	
Phenol-d5 (S)	14	%	10-47	1	04/10/15 15:16	04/13/15 13:13	4165-62-2	
2-Fluorophenol (S)	25	%	10-67	1	04/10/15 15:16	04/13/15 13:13	367-12-4	
2,4,6-Tribromophenol (S)	85	%	31-161	1	04/10/15 15:16	04/13/15 13:13	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44								
Benzene	ND	ug/L	50.0	1		04/14/15 13:36	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 13:36	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 13:36	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 13:36	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 13:36	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 13:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 13:36	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 13:36	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 13:36	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 13:36	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-ETCA-H106 **Lab ID: 60191344002** Collected: 04/06/15 06:20 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Surrogates								
Toluene-d8 (S)	98	%.	81-110	1		04/14/15 13:36	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	80-114	1		04/14/15 13:36	460-00-4	
Dibromofluoromethane (S)	104	%.	79-116	1		04/14/15 13:36	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H101 **Lab ID: 60191344003** Collected: 04/06/15 06:30 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 04/09/15 15:45						
Arsenic	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:34	7440-38-2	
Barium	ND	mg/L	5.0	1	04/10/15 14:46	04/11/15 05:34	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/10/15 14:46	04/11/15 05:34	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:34	7440-47-3	
Lead	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:34	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:34	7782-49-2	
Silver	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:34	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/09/15 15:45						
Mercury	ND	mg/L	0.0020	1	04/14/15 09:37	04/15/15 10:34	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/09/15 15:45						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:34	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:34	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:34	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:34	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:34	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/10/15 15:16	04/13/15 13:34		
Nitrobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:34	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 13:34	87-86-5	
Pyridine	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:34	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 13:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:34	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	74	%	29-126	1	04/10/15 15:16	04/13/15 13:34	4165-60-0	
2-Fluorobiphenyl (S)	70	%	31-118	1	04/10/15 15:16	04/13/15 13:34	321-60-8	
p-Terphenyl-d14 (S)	62	%	28-129	1	04/10/15 15:16	04/13/15 13:34	1718-51-0	
Phenol-d5 (S)	14	%	10-47	1	04/10/15 15:16	04/13/15 13:34	4165-62-2	
2-Fluorophenol (S)	25	%	10-67	1	04/10/15 15:16	04/13/15 13:34	367-12-4	
2,4,6-Tribromophenol (S)	79	%	31-161	1	04/10/15 15:16	04/13/15 13:34	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Benzene	ND	ug/L	50.0	1		04/14/15 14:08	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 14:08	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 14:08	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 14:08	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 14:08	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 14:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 14:08	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 14:08	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 14:08	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 14:08	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H101 **Lab ID: 60191344003** Collected: 04/06/15 06:30 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Surrogates								
Toluene-d8 (S)	99	%	81-110	1		04/14/15 14:08	2037-26-5	
4-Bromofluorobenzene (S)	106	%	80-114	1		04/14/15 14:08	460-00-4	
Dibromofluoromethane (S)	103	%	79-116	1		04/14/15 14:08	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H102 **Lab ID: 60191344004** Collected: 04/06/15 06:35 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
Arsenic	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:36	7440-38-2	
Barium	ND	mg/L	5.0	1	04/10/15 14:46	04/11/15 05:36	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/10/15 14:46	04/11/15 05:36	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:36	7440-47-3	
Lead	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:36	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:36	7782-49-2	
Silver	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:36	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
Mercury	ND	mg/L	0.0020	1	04/14/15 09:37	04/15/15 10:36	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:54	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:54	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:54	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:54	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:54	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/10/15 15:16	04/13/15 13:54		
Nitrobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:54	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 13:54	87-86-5	
Pyridine	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:54	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 13:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/10/15 15:16	04/13/15 13:54	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	72	%	29-126	1	04/10/15 15:16	04/13/15 13:54	4165-60-0	
2-Fluorobiphenyl (S)	70	%	31-118	1	04/10/15 15:16	04/13/15 13:54	321-60-8	
p-Terphenyl-d14 (S)	48	%	28-129	1	04/10/15 15:16	04/13/15 13:54	1718-51-0	
Phenol-d5 (S)	14	%	10-47	1	04/10/15 15:16	04/13/15 13:54	4165-62-2	
2-Fluorophenol (S)	25	%	10-67	1	04/10/15 15:16	04/13/15 13:54	367-12-4	
2,4,6-Tribromophenol (S)	74	%	31-161	1	04/10/15 15:16	04/13/15 13:54	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44								
Benzene	ND	ug/L	50.0	1		04/14/15 14:41	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 14:41	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 14:41	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 14:41	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 14:41	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 14:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 14:41	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 14:41	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 14:41	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 14:41	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H102 **Lab ID: 60191344004** Collected: 04/06/15 06:35 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Surrogates								
Toluene-d8 (S)	99	%.	81-110	1		04/14/15 14:41	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	80-114	1		04/14/15 14:41	460-00-4	
Dibromofluoromethane (S)	104	%.	79-116	1		04/14/15 14:41	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H103 **Lab ID: 60191344005** Collected: 04/06/15 06:40 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
Arsenic	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:38	7440-38-2	
Barium	ND	mg/L	5.0	1	04/10/15 14:46	04/11/15 05:38	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/10/15 14:46	04/11/15 05:38	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:38	7440-47-3	
Lead	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:38	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:38	7782-49-2	
Silver	0.14	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:38	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
Mercury	ND	mg/L	0.0020	1	04/14/15 09:37	04/15/15 10:38	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:15	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:15	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:15	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:15	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:15	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/10/15 15:16	04/13/15 14:15		
Nitrobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:15	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 14:15	87-86-5	
Pyridine	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:15	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 14:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:15	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	77	%	29-126	1	04/10/15 15:16	04/13/15 14:15	4165-60-0	
2-Fluorobiphenyl (S)	70	%	31-118	1	04/10/15 15:16	04/13/15 14:15	321-60-8	
p-Terphenyl-d14 (S)	55	%	28-129	1	04/10/15 15:16	04/13/15 14:15	1718-51-0	
Phenol-d5 (S)	14	%	10-47	1	04/10/15 15:16	04/13/15 14:15	4165-62-2	
2-Fluorophenol (S)	25	%	10-67	1	04/10/15 15:16	04/13/15 14:15	367-12-4	
2,4,6-Tribromophenol (S)	82	%	31-161	1	04/10/15 15:16	04/13/15 14:15	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44								
Benzene	ND	ug/L	50.0	1		04/14/15 15:46	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 15:46	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 15:46	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 15:46	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 15:46	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 15:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 15:46	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 15:46	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 15:46	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 15:46	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H103 **Lab ID: 60191344005** Collected: 04/06/15 06:40 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Surrogates								
Toluene-d8 (S)	99	%.	81-110	1		04/14/15 15:46	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	80-114	1		04/14/15 15:46	460-00-4	
Dibromofluoromethane (S)	101	%.	79-116	1		04/14/15 15:46	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H104 **Lab ID: 60191344006** Collected: 04/06/15 06:45 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
Arsenic	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:41	7440-38-2	
Barium	ND	mg/L	5.0	1	04/10/15 14:46	04/11/15 05:41	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/10/15 14:46	04/11/15 05:41	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:41	7440-47-3	
Lead	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:41	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:41	7782-49-2	
Silver	0.61	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:41	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
Mercury	ND	mg/L	0.0020	1	04/14/15 09:37	04/15/15 10:40	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/09/15 15:45								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:36	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:36	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:36	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:36	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:36	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/10/15 15:16	04/13/15 14:36		
Nitrobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:36	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 14:36	87-86-5	
Pyridine	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:36	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 14:36	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:36	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	78	%	29-126	1	04/10/15 15:16	04/13/15 14:36	4165-60-0	
2-Fluorobiphenyl (S)	69	%	31-118	1	04/10/15 15:16	04/13/15 14:36	321-60-8	
p-Terphenyl-d14 (S)	62	%	28-129	1	04/10/15 15:16	04/13/15 14:36	1718-51-0	
Phenol-d5 (S)	14	%	10-47	1	04/10/15 15:16	04/13/15 14:36	4165-62-2	
2-Fluorophenol (S)	27	%	10-67	1	04/10/15 15:16	04/13/15 14:36	367-12-4	
2,4,6-Tribromophenol (S)	82	%	31-161	1	04/10/15 15:16	04/13/15 14:36	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44								
Benzene	ND	ug/L	50.0	1		04/14/15 16:19	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 16:19	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 16:19	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 16:19	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 16:19	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 16:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 16:19	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 16:19	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 16:19	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 16:19	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H104 **Lab ID: 60191344006** Collected: 04/06/15 06:45 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Surrogates								
Toluene-d8 (S)	100	%	81-110	1		04/14/15 16:19	2037-26-5	
4-Bromofluorobenzene (S)	106	%	80-114	1		04/14/15 16:19	460-00-4	
Dibromofluoromethane (S)	103	%	79-116	1		04/14/15 16:19	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H105 **Lab ID: 60191344007** Collected: 04/06/15 06:50 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 04/09/15 15:45						
Arsenic	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:43	7440-38-2	
Barium	ND	mg/L	5.0	1	04/10/15 14:46	04/11/15 05:43	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/10/15 14:46	04/11/15 05:43	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:43	7440-47-3	
Lead	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:43	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:43	7782-49-2	
Silver	0.13	mg/L	0.10	1	04/10/15 14:46	04/11/15 05:43	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/09/15 15:45						
Mercury	ND	mg/L	0.0020	1	04/14/15 09:37	04/15/15 10:42	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/09/15 15:45						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:57	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:57	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:57	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:57	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:57	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/10/15 15:16	04/13/15 14:57		
Nitrobenzene	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:57	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 14:57	87-86-5	
Pyridine	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:57	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/10/15 15:16	04/13/15 14:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/10/15 15:16	04/13/15 14:57	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	71	%	29-126	1	04/10/15 15:16	04/13/15 14:57	4165-60-0	
2-Fluorobiphenyl (S)	66	%	31-118	1	04/10/15 15:16	04/13/15 14:57	321-60-8	
p-Terphenyl-d14 (S)	56	%	28-129	1	04/10/15 15:16	04/13/15 14:57	1718-51-0	
Phenol-d5 (S)	13	%	10-47	1	04/10/15 15:16	04/13/15 14:57	4165-62-2	
2-Fluorophenol (S)	24	%	10-67	1	04/10/15 15:16	04/13/15 14:57	367-12-4	
2,4,6-Tribromophenol (S)	76	%	31-161	1	04/10/15 15:16	04/13/15 14:57	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Benzene	ND	ug/L	50.0	1		04/14/15 16:51	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 16:51	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 16:51	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 16:51	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 16:51	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 16:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 16:51	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 16:51	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 16:51	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 16:51	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H105 **Lab ID: 60191344007** Collected: 04/06/15 06:50 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Surrogates								
Toluene-d8 (S)	101	%	81-110	1		04/14/15 16:51	2037-26-5	
4-Bromofluorobenzene (S)	103	%	80-114	1		04/14/15 16:51	460-00-4	
Dibromofluoromethane (S)	102	%	79-116	1		04/14/15 16:51	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H106 **Lab ID: 60191344008** Collected: 04/06/15 06:55 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Arsenic	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 01:59	7440-38-2	
Barium	ND	mg/L	5.0	1	04/11/15 15:30	04/14/15 01:59	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/11/15 15:30	04/14/15 01:59	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 01:59	7440-47-3	
Lead	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 01:59	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 01:59	7782-49-2	
Silver	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 01:59	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Mercury	ND	mg/L	0.0020	1	04/16/15 11:49	04/17/15 18:31	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 09:28	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 09:28	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 09:28	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 09:28	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/15/15 13:05	04/16/15 09:28	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/15/15 13:05	04/16/15 09:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/15/15 13:05	04/16/15 09:28		
Nitrobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 09:28	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 09:28	87-86-5	
Pyridine	ND	ug/L	100	1	04/15/15 13:05	04/16/15 09:28	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 09:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/15/15 13:05	04/16/15 09:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%	29-126	1	04/15/15 13:05	04/16/15 09:28	4165-60-0	
2-Fluorobiphenyl (S)	59	%	31-118	1	04/15/15 13:05	04/16/15 09:28	321-60-8	
p-Terphenyl-d14 (S)	56	%	28-129	1	04/15/15 13:05	04/16/15 09:28	1718-51-0	
Phenol-d5 (S)	13	%	10-47	1	04/15/15 13:05	04/16/15 09:28	4165-62-2	
2-Fluorophenol (S)	24	%	10-67	1	04/15/15 13:05	04/16/15 09:28	367-12-4	
2,4,6-Tribromophenol (S)	84	%	31-161	1	04/15/15 13:05	04/16/15 09:28	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44								
Benzene	ND	ug/L	50.0	1		04/14/15 17:24	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 17:24	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 17:24	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 17:24	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 17:24	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 17:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 17:24	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 17:24	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 17:24	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 17:24	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-DECN-H106 **Lab ID: 60191344008** Collected: 04/06/15 06:55 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Surrogates								
Toluene-d8 (S)	100	%.	81-110	1		04/14/15 17:24	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	80-114	1		04/14/15 17:24	460-00-4	
Dibromofluoromethane (S)	103	%.	79-116	1		04/14/15 17:24	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-WBF1-T101 **Lab ID: 60191344009** Collected: 04/06/15 07:10 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	204	2	04/09/15 00:00	04/13/15 11:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	408	2	04/09/15 00:00	04/13/15 11:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	204	2	04/09/15 00:00	04/13/15 11:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	204	2	04/09/15 00:00	04/13/15 11:38	53469-21-9	
PCB-1248 (Aroclor 1248)	9910	ug/kg	1020	10	04/09/15 00:00	04/13/15 12:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	204	2	04/09/15 00:00	04/13/15 11:38	11097-69-1	
PCB-1260 (Aroclor 1260)	1150	ug/kg	204	2	04/09/15 00:00	04/13/15 11:38	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	70	%	26-127	2	04/09/15 00:00	04/13/15 11:38	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	5.7	%	0.50	1		04/10/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-WBF1-H101 **Lab ID: 60191344010** Collected: 04/06/15 07:20 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	97.9	1	04/09/15 00:00	04/13/15 13:04	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	196	1	04/09/15 00:00	04/13/15 13:04	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	97.9	1	04/09/15 00:00	04/13/15 13:04	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	97.9	1	04/09/15 00:00	04/13/15 13:04	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	97.9	1	04/09/15 00:00	04/13/15 13:04	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	97.9	1	04/09/15 00:00	04/13/15 13:04	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	97.9	1	04/09/15 00:00	04/13/15 13:04	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	04/09/15 00:00	04/13/15 13:04	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.2	%	0.50	1		04/10/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-WBF2-T101 **Lab ID: 60191344011** Collected: 04/06/15 07:25 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	208	2	04/09/15 00:00	04/13/15 13:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	416	2	04/09/15 00:00	04/13/15 13:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	208	2	04/09/15 00:00	04/13/15 13:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	208	2	04/09/15 00:00	04/13/15 13:39	53469-21-9	
PCB-1248 (Aroclor 1248)	1900	ug/kg	208	2	04/09/15 00:00	04/13/15 13:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	208	2	04/09/15 00:00	04/13/15 13:39	11097-69-1	
PCB-1260 (Aroclor 1260)	1040	ug/kg	208	2	04/09/15 00:00	04/13/15 13:39	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	2	04/09/15 00:00	04/13/15 13:39	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	8.1	%	0.50	1		04/10/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-WBF2-T103 **Lab ID: 60191344014** Collected: 04/06/15 07:30 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	507	5	04/09/15 00:00	04/11/15 06:03	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1010	5	04/09/15 00:00	04/11/15 06:03	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	507	5	04/09/15 00:00	04/11/15 06:03	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	507	5	04/09/15 00:00	04/11/15 06:03	53469-21-9	
PCB-1248 (Aroclor 1248)	1170	ug/kg	507	5	04/09/15 00:00	04/11/15 06:03	12672-29-6	
PCB-1254 (Aroclor 1254)	2790	ug/kg	507	5	04/09/15 00:00	04/11/15 06:03	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	507	5	04/09/15 00:00	04/11/15 06:03	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	5	04/09/15 00:00	04/11/15 06:03	2051-24-3	S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	5.8	%	0.50	1		04/10/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-WBF2-T104 **Lab ID: 60191344015** Collected: 04/06/15 07:35 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	482	5	04/09/15 00:00	04/11/15 06:20	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	964	5	04/09/15 00:00	04/11/15 06:20	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	482	5	04/09/15 00:00	04/11/15 06:20	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	482	5	04/09/15 00:00	04/11/15 06:20	53469-21-9	
PCB-1248 (Aroclor 1248)	2140	ug/kg	482	5	04/09/15 00:00	04/11/15 06:20	12672-29-6	
PCB-1254 (Aroclor 1254)	5400	ug/kg	482	5	04/09/15 00:00	04/11/15 06:20	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	482	5	04/09/15 00:00	04/11/15 06:20	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	5	04/09/15 00:00	04/11/15 06:20	2051-24-3	S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	7.4	%	0.50	1		04/10/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-WBF2-H101 **Lab ID: 60191344016** Collected: 04/06/15 07:40 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	97.5	1	04/09/15 00:00	04/13/15 14:31	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	195	1	04/09/15 00:00	04/13/15 14:31	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	97.5	1	04/09/15 00:00	04/13/15 14:31	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	97.5	1	04/09/15 00:00	04/13/15 14:31	53469-21-9	
PCB-1248 (Aroclor 1248)	306	ug/kg	97.5	1	04/09/15 00:00	04/13/15 14:31	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	97.5	1	04/09/15 00:00	04/13/15 14:31	11097-69-1	
PCB-1260 (Aroclor 1260)	116	ug/kg	97.5	1	04/09/15 00:00	04/13/15 14:31	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	04/09/15 00:00	04/13/15 14:31	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.6	%	0.50	1		04/10/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-WBF2-T102 **Lab ID: 60191344017** Collected: 04/06/15 07:45 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	509	5	04/09/15 00:00	04/11/15 06:55	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1020	5	04/09/15 00:00	04/11/15 06:55	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	509	5	04/09/15 00:00	04/11/15 06:55	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	509	5	04/09/15 00:00	04/11/15 06:55	53469-21-9	
PCB-1248 (Aroclor 1248)	3310	ug/kg	509	5	04/09/15 00:00	04/11/15 06:55	12672-29-6	
PCB-1254 (Aroclor 1254)	8930	ug/kg	509	5	04/09/15 00:00	04/11/15 06:55	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	509	5	04/09/15 00:00	04/11/15 06:55	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	5	04/09/15 00:00	04/11/15 06:55	2051-24-3	S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	6.5	%	0.50	1		04/10/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-WBF2-H102 **Lab ID: 60191344018** Collected: 04/06/15 07:50 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	97.4	1	04/09/15 00:00	04/11/15 07:12	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	195	1	04/09/15 00:00	04/11/15 07:12	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	97.4	1	04/09/15 00:00	04/11/15 07:12	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	97.4	1	04/09/15 00:00	04/11/15 07:12	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	97.4	1	04/09/15 00:00	04/11/15 07:12	12672-29-6	
PCB-1254 (Aroclor 1254)	172	ug/kg	97.4	1	04/09/15 00:00	04/11/15 07:12	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	97.4	1	04/09/15 00:00	04/11/15 07:12	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	66	%	26-127	1	04/09/15 00:00	04/11/15 07:12	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.8	%	0.50	1		04/10/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H101 **Lab ID: 60191344019** Collected: 04/06/15 08:10 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Arsenic	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:13	7440-38-2	
Barium	ND	mg/L	5.0	1	04/11/15 15:30	04/14/15 02:13	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/11/15 15:30	04/14/15 02:13	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:13	7440-47-3	
Lead	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:13	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:13	7782-49-2	
Silver	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:13	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Mercury	ND	mg/L	0.0020	1	04/16/15 11:49	04/17/15 18:40	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:09	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:09	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:09	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:09	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:09	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/15/15 13:05	04/16/15 10:09		
Nitrobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:09	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 10:09	87-86-5	
Pyridine	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 10:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:09	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	72	%	29-126	1	04/15/15 13:05	04/16/15 10:09	4165-60-0	
2-Fluorobiphenyl (S)	70	%	31-118	1	04/15/15 13:05	04/16/15 10:09	321-60-8	
p-Terphenyl-d14 (S)	59	%	28-129	1	04/15/15 13:05	04/16/15 10:09	1718-51-0	
Phenol-d5 (S)	14	%	10-47	1	04/15/15 13:05	04/16/15 10:09	4165-62-2	
2-Fluorophenol (S)	24	%	10-67	1	04/15/15 13:05	04/16/15 10:09	367-12-4	
2,4,6-Tribromophenol (S)	89	%	31-161	1	04/15/15 13:05	04/16/15 10:09	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44								
Benzene	ND	ug/L	50.0	1		04/14/15 17:56	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 17:56	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 17:56	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 17:56	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 17:56	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 17:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 17:56	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 17:56	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 17:56	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 17:56	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H101 **Lab ID: 60191344019** Collected: 04/06/15 08:10 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Surrogates								
Toluene-d8 (S)	98	%	81-110	1		04/14/15 17:56	2037-26-5	
4-Bromofluorobenzene (S)	107	%	80-114	1		04/14/15 17:56	460-00-4	
Dibromofluoromethane (S)	99	%	79-116	1		04/14/15 17:56	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561
Pace Project No.: 60191344

Sample: BFC-BD77-H102 **Lab ID: 60191344020** Collected: 04/06/15 08:20 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Arsenic	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:15	7440-38-2	
Barium	ND	mg/L	5.0	1	04/11/15 15:30	04/14/15 02:15	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/11/15 15:30	04/14/15 02:15	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:15	7440-47-3	
Lead	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:15	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:15	7782-49-2	
Silver	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:15	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Mercury	ND	mg/L	0.0020	1	04/16/15 11:49	04/17/15 18:42	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:30	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:30	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:30	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:30	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:30	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/15/15 13:05	04/16/15 10:30		
Nitrobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:30	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 10:30	87-86-5	
Pyridine	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:30	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 10:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/15/15 13:05	04/16/15 10:30	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	79	%	29-126	1	04/15/15 13:05	04/16/15 10:30	4165-60-0	
2-Fluorobiphenyl (S)	70	%	31-118	1	04/15/15 13:05	04/16/15 10:30	321-60-8	
p-Terphenyl-d14 (S)	42	%	28-129	1	04/15/15 13:05	04/16/15 10:30	1718-51-0	
Phenol-d5 (S)	15	%	10-47	1	04/15/15 13:05	04/16/15 10:30	4165-62-2	
2-Fluorophenol (S)	28	%	10-67	1	04/15/15 13:05	04/16/15 10:30	367-12-4	
2,4,6-Tribromophenol (S)	89	%	31-161	1	04/15/15 13:05	04/16/15 10:30	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44								
Benzene	ND	ug/L	50.0	1		04/14/15 18:29	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 18:29	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 18:29	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 18:29	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 18:29	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 18:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 18:29	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 18:29	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 18:29	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 18:29	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H102 **Lab ID: 60191344020** Collected: 04/06/15 08:20 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Surrogates								
Toluene-d8 (S)	97	%.	81-110	1		04/14/15 18:29	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	80-114	1		04/14/15 18:29	460-00-4	
Dibromofluoromethane (S)	99	%.	79-116	1		04/14/15 18:29	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H103 **Lab ID: 60191344021** Collected: 04/06/15 08:25 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Arsenic	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:17	7440-38-2	
Barium	ND	mg/L	5.0	1	04/11/15 15:30	04/14/15 02:17	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/11/15 15:30	04/14/15 02:17	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:17	7440-47-3	
Lead	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:17	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:17	7782-49-2	
Silver	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:17	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Mercury	ND	mg/L	0.0020	1	04/16/15 11:49	04/17/15 18:44	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/17/15 17:15	04/18/15 00:22	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/17/15 17:15	04/18/15 00:22	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/17/15 17:15	04/18/15 00:22	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/17/15 17:15	04/18/15 00:22	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/17/15 17:15	04/18/15 00:22	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/17/15 17:15	04/18/15 00:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/17/15 17:15	04/18/15 00:22		
Nitrobenzene	ND	ug/L	100	1	04/17/15 17:15	04/18/15 00:22	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/17/15 17:15	04/18/15 00:22	87-86-5	
Pyridine	ND	ug/L	100	1	04/17/15 17:15	04/18/15 00:22	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/17/15 17:15	04/18/15 00:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/17/15 17:15	04/18/15 00:22	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	72	%	29-126	1	04/17/15 17:15	04/18/15 00:22	4165-60-0	
2-Fluorobiphenyl (S)	70	%	31-118	1	04/17/15 17:15	04/18/15 00:22	321-60-8	
p-Terphenyl-d14 (S)	67	%	28-129	1	04/17/15 17:15	04/18/15 00:22	1718-51-0	
Phenol-d5 (S)	14	%	10-47	1	04/17/15 17:15	04/18/15 00:22	4165-62-2	
2-Fluorophenol (S)	24	%	10-67	1	04/17/15 17:15	04/18/15 00:22	367-12-4	
2,4,6-Tribromophenol (S)	79	%	31-161	1	04/17/15 17:15	04/18/15 00:22	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44								
Benzene	ND	ug/L	50.0	1		04/14/15 19:02	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 19:02	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 19:02	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 19:02	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 19:02	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 19:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 19:02	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 19:02	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 19:02	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 19:02	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H103 **Lab ID: 60191344021** Collected: 04/06/15 08:25 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44						
Surrogates								
Toluene-d8 (S)	101	%.	81-110	1		04/14/15 19:02	2037-26-5	
4-Bromofluorobenzene (S)	107	%.	80-114	1		04/14/15 19:02	460-00-4	
Dibromofluoromethane (S)	103	%.	79-116	1		04/14/15 19:02	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H104 **Lab ID: 60191344022** Collected: 04/06/15 08:35 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Arsenic	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:19	7440-38-2	
Barium	ND	mg/L	5.0	1	04/11/15 15:30	04/14/15 02:19	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/11/15 15:30	04/14/15 02:19	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:19	7440-47-3	
Lead	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:19	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:19	7782-49-2	
Silver	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:19	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Mercury	ND	mg/L	0.0020	1	04/16/15 11:49	04/17/15 18:46	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:12	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:12	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:12	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:12	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:12	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/15/15 13:05	04/16/15 11:12		
Nitrobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:12	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 11:12	87-86-5	
Pyridine	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:12	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 11:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:12	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75	%	29-126	1	04/15/15 13:05	04/16/15 11:12	4165-60-0	
2-Fluorobiphenyl (S)	70	%	31-118	1	04/15/15 13:05	04/16/15 11:12	321-60-8	
p-Terphenyl-d14 (S)	65	%	28-129	1	04/15/15 13:05	04/16/15 11:12	1718-51-0	
Phenol-d5 (S)	15	%	10-47	1	04/15/15 13:05	04/16/15 11:12	4165-62-2	
2-Fluorophenol (S)	27	%	10-67	1	04/15/15 13:05	04/16/15 11:12	367-12-4	
2,4,6-Tribromophenol (S)	93	%	31-161	1	04/15/15 13:05	04/16/15 11:12	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44								
Benzene	ND	ug/L	50.0	1		04/14/15 19:34	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/14/15 19:34	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/14/15 19:34	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/14/15 19:34	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/14/15 19:34	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/14/15 19:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/14/15 19:34	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/14/15 19:34	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/14/15 19:34	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/14/15 19:34	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H104 **Lab ID: 60191344022** Collected: 04/06/15 08:35 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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8260 MSV TCLP

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 15:44

Surrogates

Toluene-d8 (S)	99	%	81-110	1		04/14/15 19:34	2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-114	1		04/14/15 19:34	460-00-4	
Dibromofluoromethane (S)	103	%	79-116	1		04/14/15 19:34	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H105 **Lab ID: 60191344023** Collected: 04/06/15 08:40 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Arsenic	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:21	7440-38-2	
Barium	ND	mg/L	5.0	1	04/11/15 15:30	04/14/15 02:21	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/11/15 15:30	04/14/15 02:21	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:21	7440-47-3	
Lead	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:21	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:21	7782-49-2	
Silver	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:21	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Mercury	ND	mg/L	0.0020	1	04/16/15 11:49	04/17/15 18:48	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:32	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:32	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:32	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:32	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:32	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/15/15 13:05	04/16/15 11:32		
Nitrobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:32	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 11:32	87-86-5	
Pyridine	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:32	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 11:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:32	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	72	%	29-126	1	04/15/15 13:05	04/16/15 11:32	4165-60-0	
2-Fluorobiphenyl (S)	65	%	31-118	1	04/15/15 13:05	04/16/15 11:32	321-60-8	
p-Terphenyl-d14 (S)	62	%	28-129	1	04/15/15 13:05	04/16/15 11:32	1718-51-0	
Phenol-d5 (S)	15	%	10-47	1	04/15/15 13:05	04/16/15 11:32	4165-62-2	
2-Fluorophenol (S)	26	%	10-67	1	04/15/15 13:05	04/16/15 11:32	367-12-4	
2,4,6-Tribromophenol (S)	86	%	31-161	1	04/15/15 13:05	04/16/15 11:32	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/13/15 15:30								
Benzene	ND	ug/L	50.0	1		04/15/15 16:46	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/15/15 16:46	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/15/15 16:46	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/15/15 16:46	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/15/15 16:46	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/15/15 16:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/15/15 16:46	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/15/15 16:46	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/15/15 16:46	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/15/15 16:46	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H105 **Lab ID: 60191344023** Collected: 04/06/15 08:40 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/13/15 15:30						
Surrogates								
Toluene-d8 (S)	101	%.	81-110	1		04/15/15 16:46	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	80-114	1		04/15/15 16:46	460-00-4	
Dibromofluoromethane (S)	101	%.	79-116	1		04/15/15 16:46	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H106 **Lab ID: 60191344024** Collected: 04/06/15 08:45 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Arsenic	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:24	7440-38-2	
Barium	ND	mg/L	5.0	1	04/11/15 15:30	04/14/15 02:24	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/11/15 15:30	04/14/15 02:24	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:24	7440-47-3	
Lead	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:24	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:24	7782-49-2	
Silver	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:24	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Mercury	ND	mg/L	0.0020	1	04/16/15 11:49	04/17/15 18:50	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:53	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:53	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:53	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:53	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:53	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/15/15 13:05	04/16/15 11:53		
Nitrobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:53	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 11:53	87-86-5	
Pyridine	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:53	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 11:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/15/15 13:05	04/16/15 11:53	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	79	%	29-126	1	04/15/15 13:05	04/16/15 11:53	4165-60-0	
2-Fluorobiphenyl (S)	72	%	31-118	1	04/15/15 13:05	04/16/15 11:53	321-60-8	
p-Terphenyl-d14 (S)	69	%	28-129	1	04/15/15 13:05	04/16/15 11:53	1718-51-0	
Phenol-d5 (S)	16	%	10-47	1	04/15/15 13:05	04/16/15 11:53	4165-62-2	
2-Fluorophenol (S)	30	%	10-67	1	04/15/15 13:05	04/16/15 11:53	367-12-4	
2,4,6-Tribromophenol (S)	96	%	31-161	1	04/15/15 13:05	04/16/15 11:53	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/13/15 15:30								
Benzene	ND	ug/L	50.0	1		04/15/15 17:18	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/15/15 17:18	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/15/15 17:18	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/15/15 17:18	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/15/15 17:18	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/15/15 17:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/15/15 17:18	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/15/15 17:18	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/15/15 17:18	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/15/15 17:18	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H106 **Lab ID: 60191344024** Collected: 04/06/15 08:45 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/13/15 15:30						
Surrogates								
Toluene-d8 (S)	98	%	81-110	1		04/15/15 17:18	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-114	1		04/15/15 17:18	460-00-4	
Dibromofluoromethane (S)	97	%	79-116	1		04/15/15 17:18	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H107 **Lab ID: 60191344025** Collected: 04/06/15 08:50 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 04/10/15 16:15						
Arsenic	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:26	7440-38-2	
Barium	ND	mg/L	5.0	1	04/11/15 15:30	04/14/15 02:26	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/11/15 15:30	04/14/15 02:26	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:26	7440-47-3	
Lead	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:26	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:26	7782-49-2	
Silver	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:26	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/10/15 16:15						
Mercury	ND	mg/L	0.0020	1	04/16/15 11:49	04/17/15 18:53	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/10/15 16:15						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:14	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:14	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:14	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:14	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:14	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/15/15 13:05	04/16/15 12:14		
Nitrobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:14	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 12:14	87-86-5	
Pyridine	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:14	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 12:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:14	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	74	%	29-126	1	04/15/15 13:05	04/16/15 12:14	4165-60-0	
2-Fluorobiphenyl (S)	67	%	31-118	1	04/15/15 13:05	04/16/15 12:14	321-60-8	
p-Terphenyl-d14 (S)	66	%	28-129	1	04/15/15 13:05	04/16/15 12:14	1718-51-0	
Phenol-d5 (S)	15	%	10-47	1	04/15/15 13:05	04/16/15 12:14	4165-62-2	
2-Fluorophenol (S)	27	%	10-67	1	04/15/15 13:05	04/16/15 12:14	367-12-4	
2,4,6-Tribromophenol (S)	90	%	31-161	1	04/15/15 13:05	04/16/15 12:14	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/13/15 15:30						
Benzene	ND	ug/L	50.0	1		04/15/15 17:51	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/15/15 17:51	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/15/15 17:51	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/15/15 17:51	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/15/15 17:51	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/15/15 17:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/15/15 17:51	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/15/15 17:51	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/15/15 17:51	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/15/15 17:51	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H107 **Lab ID: 60191344025** Collected: 04/06/15 08:50 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/13/15 15:30						
Surrogates								
Toluene-d8 (S)	101	%.	81-110	1		04/15/15 17:51	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	80-114	1		04/15/15 17:51	460-00-4	
Dibromofluoromethane (S)	97	%.	79-116	1		04/15/15 17:51	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H108 **Lab ID: 60191344026** Collected: 04/06/15 08:55 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Arsenic	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:28	7440-38-2	
Barium	ND	mg/L	5.0	1	04/11/15 15:30	04/14/15 02:28	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/11/15 15:30	04/14/15 02:28	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:28	7440-47-3	
Lead	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:28	7439-92-1	
Selenium	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:28	7782-49-2	
Silver	ND	mg/L	0.10	1	04/11/15 15:30	04/14/15 02:28	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
Mercury	ND	mg/L	0.0020	1	04/16/15 11:49	04/17/15 18:55	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/10/15 16:15								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:35	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:35	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:35	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:35	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:35	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/15/15 13:05	04/16/15 12:35		
Nitrobenzene	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:35	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 12:35	87-86-5	
Pyridine	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:35	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/15/15 13:05	04/16/15 12:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/15/15 13:05	04/16/15 12:35	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	69	%	29-126	1	04/15/15 13:05	04/16/15 12:35	4165-60-0	
2-Fluorobiphenyl (S)	61	%	31-118	1	04/15/15 13:05	04/16/15 12:35	321-60-8	
p-Terphenyl-d14 (S)	53	%	28-129	1	04/15/15 13:05	04/16/15 12:35	1718-51-0	
Phenol-d5 (S)	13	%	10-47	1	04/15/15 13:05	04/16/15 12:35	4165-62-2	
2-Fluorophenol (S)	24	%	10-67	1	04/15/15 13:05	04/16/15 12:35	367-12-4	
2,4,6-Tribromophenol (S)	86	%	31-161	1	04/15/15 13:05	04/16/15 12:35	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/13/15 15:30								
Benzene	ND	ug/L	50.0	1		04/15/15 18:23	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/15/15 18:23	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/15/15 18:23	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/15/15 18:23	108-90-7	
Chloroform	ND	ug/L	50.0	1		04/15/15 18:23	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/15/15 18:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/15/15 18:23	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/15/15 18:23	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/15/15 18:23	79-01-6	
Vinyl chloride	ND	ug/L	20.0	1		04/15/15 18:23	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191344

Sample: BFC-BD77-H108 **Lab ID: 60191344026** Collected: 04/06/15 08:55 Received: 04/06/15 17:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/13/15 15:30						
Surrogates								
Toluene-d8 (S)	100	%	81-110	1		04/15/15 18:23	2037-26-5	
4-Bromofluorobenzene (S)	103	%	80-114	1		04/15/15 18:23	460-00-4	
Dibromofluoromethane (S)	98	%	79-116	1		04/15/15 18:23	1868-53-7	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191344

QC Batch: MERP/6266 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 60191344001, 60191344002, 60191344003, 60191344004, 60191344005, 60191344006, 60191344007

METHOD BLANK: 1273633 Matrix: Water
Associated Lab Samples: 60191344001, 60191344002, 60191344003, 60191344004, 60191344005, 60191344006, 60191344007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/15/15 10:11	

LABORATORY CONTROL SAMPLE: 1273634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.015	0.017	113	80-120	

MATRIX SPIKE SAMPLE: 1273632

Parameter	Units	50115984001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	.015	0.016	105	75-125	

MATRIX SPIKE SAMPLE: 1273635

Parameter	Units	50116112001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	.015	0.015	100	75-125	

MATRIX SPIKE SAMPLE: 1273636

Parameter	Units	50116073001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	.015	0.015	100	75-125	

MATRIX SPIKE SAMPLE: 1273637

Parameter	Units	60191344001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	.015	0.015	101	75-125	

MATRIX SPIKE SAMPLE: 1273638

Parameter	Units	50116125001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	.015	0.016	104	75-125	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191344

QC Batch: MERP/6273 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 60191344008, 60191344019, 60191344020, 60191344021, 60191344022, 60191344023, 60191344024, 60191344025, 60191344026

METHOD BLANK: 1275558 Matrix: Water
Associated Lab Samples: 60191344008, 60191344019, 60191344020, 60191344021, 60191344022, 60191344023, 60191344024, 60191344025, 60191344026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/17/15 18:22	

LABORATORY CONTROL SAMPLE: 1275559

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.015	0.015	103	80-120	

MATRIX SPIKE SAMPLE: 1275560

Parameter	Units	50115988001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	.015	0.015	98	75-125	

MATRIX SPIKE SAMPLE: 1275561

Parameter	Units	60191344008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	.015	0.014	97	75-125	

MATRIX SPIKE SAMPLE: 1275562

Parameter	Units	50116233001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	.015	0.015	98	75-125	

MATRIX SPIKE SAMPLE: 1275563

Parameter	Units	50116351001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	.015	0.015	101	75-125	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191344

QC Batch: MPRP/15873 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
 Associated Lab Samples: 60191344001, 60191344002, 60191344003, 60191344004, 60191344005, 60191344006, 60191344007

METHOD BLANK: 1273069 Matrix: Water
 Associated Lab Samples: 60191344001, 60191344002, 60191344003, 60191344004, 60191344005, 60191344006, 60191344007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.10	04/11/15 05:09	
Barium	mg/L	ND	5.0	04/11/15 05:09	
Cadmium	mg/L	ND	0.050	04/11/15 05:09	
Chromium	mg/L	ND	0.10	04/11/15 05:09	
Lead	mg/L	ND	0.10	04/11/15 05:09	
Selenium	mg/L	ND	0.10	04/11/15 05:09	
Silver	mg/L	ND	0.10	04/11/15 05:09	

LABORATORY CONTROL SAMPLE: 1273070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	10	11.1	111	80-120	
Barium	mg/L	10	10.6	106	80-120	
Cadmium	mg/L	10	11.0	110	80-120	
Chromium	mg/L	10	10.6	106	80-120	
Lead	mg/L	10	10.5	105	80-120	
Selenium	mg/L	10	11.0	110	80-120	
Silver	mg/L	5	5.4	109	80-120	

MATRIX SPIKE SAMPLE: 1273071

Parameter	Units	60191344001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	10	11.4	114	50-150	
Barium	mg/L	ND	10	11.1	105	50-150	
Cadmium	mg/L	ND	10	11.2	112	50-150	
Chromium	mg/L	ND	10	10.7	107	50-150	
Lead	mg/L	ND	10	10.4	104	50-150	
Selenium	mg/L	ND	10	11.2	112	50-150	
Silver	mg/L	ND	5	5.4	107	50-150	

MATRIX SPIKE SAMPLE: 1273072

Parameter	Units	50116125001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	10	10.9	109	50-150	
Barium	mg/L	ND	10	11.1	102	50-150	
Cadmium	mg/L	ND	10	10.8	107	50-150	
Chromium	mg/L	ND	10	10.4	104	50-150	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191344

MATRIX SPIKE SAMPLE:		1273072					
Parameter	Units	50116125001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	ND	10	10.0	100	50-150	
Selenium	mg/L	ND	10	10.7	107	50-150	
Silver	mg/L	0.12	5	5.2	102	50-150	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191344

QC Batch: MSV/75587 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60191344002, 60191344003, 60191344004, 60191344005, 60191344006, 60191344007, 60191344008, 60191344019, 60191344020, 60191344021, 60191344022

METHOD BLANK: 1274850 Matrix: Water
Associated Lab Samples:

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	04/14/15 11:58	
1,2-Dichloroethane	ug/L	ND	50.0	04/14/15 11:58	
2-Butanone (MEK)	ug/L	ND	1000	04/14/15 11:58	
Benzene	ug/L	ND	50.0	04/14/15 11:58	
Carbon tetrachloride	ug/L	ND	50.0	04/14/15 11:58	
Chlorobenzene	ug/L	ND	50.0	04/14/15 11:58	
Chloroform	ug/L	ND	50.0	04/14/15 11:58	
Tetrachloroethene	ug/L	ND	50.0	04/14/15 11:58	
Trichloroethene	ug/L	ND	50.0	04/14/15 11:58	
Vinyl chloride	ug/L	ND	20.0	04/14/15 11:58	
4-Bromofluorobenzene (S)	%	106	80-114	04/14/15 11:58	
Dibromofluoromethane (S)	%	107	79-116	04/14/15 11:58	
Toluene-d8 (S)	%	96	81-110	04/14/15 11:58	

LABORATORY CONTROL SAMPLE: 1274851

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	500	430	86	68-127	
1,2-Dichloroethane	ug/L	500	490	98	75-128	
2-Butanone (MEK)	ug/L	2500	2390	96	58-139	
Benzene	ug/L	500	483	97	74-122	
Carbon tetrachloride	ug/L	500	532	106	56-137	
Chlorobenzene	ug/L	500	451	90	78-123	
Chloroform	ug/L	500	424	85	78-126	
Tetrachloroethene	ug/L	500	472	94	69-130	
Trichloroethene	ug/L	500	456	91	76-126	
Vinyl chloride	ug/L	500	497	99	59-126	
4-Bromofluorobenzene (S)	%			108	80-114	
Dibromofluoromethane (S)	%			96	79-116	
Toluene-d8 (S)	%			102	81-110	

MATRIX SPIKE SAMPLE: 1274852

Parameter	Units	50116337001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	500	411	82	55-145	
1,2-Dichloroethane	ug/L	ND	500	470	94	62-138	
2-Butanone (MEK)	ug/L	ND	2500	2240	89	37-156	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191344

MATRIX SPIKE SAMPLE:		1274852		50116337001		Spike		MS		MS		% Rec		Qualifiers	
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits							
Benzene	ug/L	ND	500	471	94	62-129									
Carbon tetrachloride	ug/L	ND	500	532	106	46-142									
Chlorobenzene	ug/L	ND	500	438	88	49-136									
Chloroform	ug/L	ND	500	427	85	54-150									
Tetrachloroethene	ug/L	ND	500	457	91	33-151									
Trichloroethene	ug/L	ND	500	450	90	50-143									
Vinyl chloride	ug/L	ND	500	514	103	44-145									
4-Bromofluorobenzene (S)	%				104	80-114									
Dibromofluoromethane (S)	%				98	79-116									
Toluene-d8 (S)	%				101	81-110									

MATRIX SPIKE SAMPLE:		1274853		50115964022		Spike		MS		MS		% Rec		Qualifiers	
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits							
1,1-Dichloroethene	ug/L	ND	500	426	85	55-145									
1,2-Dichloroethane	ug/L	ND	500	477	95	62-138									
2-Butanone (MEK)	ug/L	ND	2500	2590	104	37-156									
Benzene	ug/L	ND	500	463	93	62-129									
Carbon tetrachloride	ug/L	ND	500	513	103	46-142									
Chlorobenzene	ug/L	ND	500	425	85	49-136									
Chloroform	ug/L	ND	500	420	84	54-150									
Tetrachloroethene	ug/L	ND	500	444	89	33-151									
Trichloroethene	ug/L	121	500	572	90	50-143									
Vinyl chloride	ug/L	ND	500	506	101	44-145									
4-Bromofluorobenzene (S)	%				104	80-114									
Dibromofluoromethane (S)	%				97	79-116									
Toluene-d8 (S)	%				102	81-110									

MATRIX SPIKE SAMPLE:		1274854		60191344004		Spike		MS		MS		% Rec		Qualifiers	
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits							
1,1-Dichloroethene	ug/L	ND	500	400	80	55-145									
1,2-Dichloroethane	ug/L	ND	500	428	86	62-138									
2-Butanone (MEK)	ug/L	ND	2500	2820	113	37-156									
Benzene	ug/L	ND	500	432	86	62-129									
Carbon tetrachloride	ug/L	ND	500	490	98	46-142									
Chlorobenzene	ug/L	ND	500	405	81	49-136									
Chloroform	ug/L	ND	500	386	77	54-150									
Tetrachloroethene	ug/L	ND	500	431	86	33-151									
Trichloroethene	ug/L	ND	500	747	149	50-143 MO									
Vinyl chloride	ug/L	ND	500	466	93	44-145									
4-Bromofluorobenzene (S)	%				103	80-114									
Dibromofluoromethane (S)	%				103	79-116									
Toluene-d8 (S)	%				103	81-110									

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191344

QC Batch: MSV/75642 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60191344001, 60191344023, 60191344024, 60191344025, 60191344026

METHOD BLANK: 1275779 Matrix: Water
Associated Lab Samples:

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	04/15/15 12:58	
1,2-Dichloroethane	ug/L	ND	50.0	04/15/15 12:58	
2-Butanone (MEK)	ug/L	ND	1000	04/15/15 12:58	
Benzene	ug/L	ND	50.0	04/15/15 12:58	
Carbon tetrachloride	ug/L	ND	50.0	04/15/15 12:58	
Chlorobenzene	ug/L	ND	50.0	04/15/15 12:58	
Chloroform	ug/L	ND	50.0	04/15/15 12:58	
Tetrachloroethene	ug/L	ND	50.0	04/15/15 12:58	
Trichloroethene	ug/L	ND	50.0	04/15/15 12:58	
Vinyl chloride	ug/L	ND	20.0	04/15/15 12:58	
4-Bromofluorobenzene (S)	%	104	80-114	04/15/15 12:58	
Dibromofluoromethane (S)	%	100	79-116	04/15/15 12:58	
Toluene-d8 (S)	%	99	81-110	04/15/15 12:58	

LABORATORY CONTROL SAMPLE: 1275780

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	500	496	99	68-127	
1,2-Dichloroethane	ug/L	500	508	102	75-128	
2-Butanone (MEK)	ug/L	2500	2840	114	58-139	
Benzene	ug/L	500	468	94	74-122	
Carbon tetrachloride	ug/L	500	521	104	56-137	
Chlorobenzene	ug/L	500	458	92	78-123	
Chloroform	ug/L	500	432	86	78-126	
Tetrachloroethene	ug/L	500	404	81	69-130	
Trichloroethene	ug/L	500	441	88	76-126	
Vinyl chloride	ug/L	500	518	104	59-126	
4-Bromofluorobenzene (S)	%			107	80-114	
Dibromofluoromethane (S)	%			107	79-116	
Toluene-d8 (S)	%			100	81-110	

MATRIX SPIKE SAMPLE: 1275781

Parameter	Units	50116359001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	500	548	110	55-145	
1,2-Dichloroethane	ug/L	ND	500	509	102	62-138	
2-Butanone (MEK)	ug/L	ND	2500	2550	102	37-156	
Benzene	ug/L	ND	500	489	98	62-129	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191344

MATRIX SPIKE SAMPLE:		1275781		50116359001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits	Qualifiers
Carbon tetrachloride	ug/L	ND	500	558	112			46-142	
Chlorobenzene	ug/L	ND	500	456	91			49-136	
Chloroform	ug/L	ND	500	467	93			54-150	
Tetrachloroethene	ug/L	ND	500	436	87			33-151	
Trichloroethene	ug/L	ND	500	458	92			50-143	
Vinyl chloride	ug/L	ND	500	588	118			44-145	
4-Bromofluorobenzene (S)	%				105			80-114	
Dibromofluoromethane (S)	%				104			79-116	
Toluene-d8 (S)	%				101			81-110	

MATRIX SPIKE SAMPLE:		1275983		50116518001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	500	601	120			55-145	
1,2-Dichloroethane	ug/L	ND	500	551	110			62-138	
2-Butanone (MEK)	ug/L	ND	2500	2770	111			37-156	
Benzene	ug/L	ND	500	531	106			62-129	
Carbon tetrachloride	ug/L	ND	500	598	120			46-142	
Chlorobenzene	ug/L	ND	500	489	98			49-136	
Chloroform	ug/L	ND	500	490	98			54-150	
Tetrachloroethene	ug/L	ND	500	453	91			33-151	
Trichloroethene	ug/L	ND	500	501	100			50-143	
Vinyl chloride	ug/L	ND	500	620	124			44-145	
4-Bromofluorobenzene (S)	%				103			80-114	
Dibromofluoromethane (S)	%				103			79-116	
Toluene-d8 (S)	%				98			81-110	

MATRIX SPIKE SAMPLE:		1275984		50115886001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	500	571	114			55-145	
1,2-Dichloroethane	ug/L	ND	500	563	113			62-138	
2-Butanone (MEK)	ug/L	ND	2500	2790	112			37-156	
Benzene	ug/L	253	500	796	109			62-129	
Carbon tetrachloride	ug/L	ND	500	616	123			46-142	
Chlorobenzene	ug/L	ND	500	496	99			49-136	
Chloroform	ug/L	ND	500	497	99			54-150	
Tetrachloroethene	ug/L	ND	500	463	93			33-151	
Trichloroethene	ug/L	ND	500	499	100			50-143	
Vinyl chloride	ug/L	ND	500	611	122			44-145	
4-Bromofluorobenzene (S)	%				101			80-114	
Dibromofluoromethane (S)	%				105			79-116	
Toluene-d8 (S)	%				100			81-110	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191344

MATRIX SPIKE SAMPLE:		1275985		50116074001		Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits		
1,1-Dichloroethene	ug/L	ND	500	515	103	515	103	55-145		
1,2-Dichloroethane	ug/L	ND	500	484	97	484	97	62-138		
2-Butanone (MEK)	ug/L	ND	2500	2550	94	2550	94	37-156		
Benzene	ug/L	ND	500	466	93	466	93	62-129		
Carbon tetrachloride	ug/L	ND	500	517	103	517	103	46-142		
Chlorobenzene	ug/L	ND	500	438	88	438	88	49-136		
Chloroform	ug/L	ND	500	431	86	431	86	54-150		
Tetrachloroethene	ug/L	ND	500	401	80	401	80	33-151		
Trichloroethene	ug/L	ND	500	442	88	442	88	50-143		
Vinyl chloride	ug/L	ND	500	547	109	547	109	44-145		
4-Bromofluorobenzene (S)	%				103		103	80-114		
Dibromofluoromethane (S)	%				106		106	79-116		
Toluene-d8 (S)	%				100		100	81-110		

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191344

QC Batch: OEXT/48885 Analysis Method: EPA 8082
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 60191344009, 60191344010, 60191344011, 60191344014, 60191344015, 60191344016, 60191344017, 60191344018

METHOD BLANK: 1546525 Matrix: Solid
Associated Lab Samples: 60191344009, 60191344010, 60191344011, 60191344014, 60191344015, 60191344016, 60191344017, 60191344018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.8	04/10/15 22:49	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.6	04/10/15 22:49	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.8	04/10/15 22:49	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.8	04/10/15 22:49	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.8	04/10/15 22:49	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.8	04/10/15 22:49	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.8	04/10/15 22:49	
Decachlorobiphenyl (S)	%	80	26-127	04/10/15 22:49	

LABORATORY CONTROL SAMPLE: 1546526

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	165	173	105	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	165	153	93	69-126	
Decachlorobiphenyl (S)	%			82	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1546527 1546528

Parameter	Units	60191364002 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	203	204	176	207	87	101	12-190	16	31	
PCB-1260 (Aroclor 1260)	ug/kg	ND	203	204	160	180	79	88	23-145	12	28	
Decachlorobiphenyl (S)	%						73	76	26-127			

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191344

QC Batch: OEXT/38971 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 60191344001, 60191344002, 60191344003, 60191344004, 60191344005, 60191344006, 60191344007

METHOD BLANK: 1273088 Matrix: Water
Associated Lab Samples: 60191344001, 60191344002, 60191344003, 60191344004, 60191344005, 60191344006, 60191344007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	04/13/15 11:50	
2,4,5-Trichlorophenol	ug/L	ND	500	04/13/15 11:50	
2,4,6-Trichlorophenol	ug/L	ND	100	04/13/15 11:50	
2,4-Dinitrotoluene	ug/L	ND	100	04/13/15 11:50	
2-Methylphenol(o-Cresol)	ug/L	ND	100	04/13/15 11:50	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	04/13/15 11:50	
Hexachloro-1,3-butadiene	ug/L	ND	100	04/13/15 11:50	
Hexachlorobenzene	ug/L	ND	100	04/13/15 11:50	
Hexachloroethane	ug/L	ND	100	04/13/15 11:50	
Nitrobenzene	ug/L	ND	100	04/13/15 11:50	
Pentachlorophenol	ug/L	ND	500	04/13/15 11:50	
Pyridine	ug/L	ND	100	04/13/15 11:50	
2,4,6-Tribromophenol (S)	%	81	31-161	04/13/15 11:50	
2-Fluorobiphenyl (S)	%	71	31-118	04/13/15 11:50	
2-Fluorophenol (S)	%	25	10-67	04/13/15 11:50	
Nitrobenzene-d5 (S)	%	76	29-126	04/13/15 11:50	
p-Terphenyl-d14 (S)	%	73	28-129	04/13/15 11:50	
Phenol-d5 (S)	%	13	10-47	04/13/15 11:50	

LABORATORY CONTROL SAMPLE: 1273089

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	1000	598	60	29-102	
2,4,5-Trichlorophenol	ug/L	1000	629	63	42-125	
2,4,6-Trichlorophenol	ug/L	1000	675	68	44-122	
2,4-Dinitrotoluene	ug/L	1000	680	68	36-126	
2-Methylphenol(o-Cresol)	ug/L	1000	403	40	30-85	
3&4-Methylphenol(m&p Cresol)	ug/L	2000	639	32	22-76	
Hexachloro-1,3-butadiene	ug/L	1000	479	48	26-102	
Hexachlorobenzene	ug/L	1000	647	65	36-115	
Hexachloroethane	ug/L	1000	561	56	24-101	
Nitrobenzene	ug/L	1000	672	67	36-114	
Pentachlorophenol	ug/L	1000	584	58	31-125	
Pyridine	ug/L	1000	278	28	10-41	
2,4,6-Tribromophenol (S)	%			81	31-161	
2-Fluorobiphenyl (S)	%			68	31-118	
2-Fluorophenol (S)	%			25	10-67	
Nitrobenzene-d5 (S)	%			73	29-126	
p-Terphenyl-d14 (S)	%			66	28-129	
Phenol-d5 (S)	%			14	10-47	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191344

MATRIX SPIKE SAMPLE:		1273090		60191344001		Spike		MS		MS		% Rec		Qualifiers	
Parameter	Units	Result	Conc.	Result	% Rec	Result	% Rec	Limits							
1,4-Dichlorobenzene	ug/L	ND	1000	607	61	39-91									
2,4,5-Trichlorophenol	ug/L	ND	1000	716	72	41-125									
2,4,6-Trichlorophenol	ug/L	ND	1000	728	73	42-120									
2,4-Dinitrotoluene	ug/L	ND	1000	719	72	34-124									
2-Methylphenol(o-Cresol)	ug/L	ND	1000	400	40	21-101									
3&4-Methylphenol(m&p Cresol)	ug/L	ND	2000	656	33	10-104									
Hexachloro-1,3-butadiene	ug/L	ND	1000	521	52	36-97									
Hexachlorobenzene	ug/L	ND	1000	666	67	37-115									
Hexachloroethane	ug/L	ND	1000	569	57	31-93									
Nitrobenzene	ug/L	ND	1000	679	68	42-114									
Pentachlorophenol	ug/L	ND	1000	652	65	30-128									
Pyridine	ug/L	ND	1000	272	27	10-46									
2,4,6-Tribromophenol (S)	%				85	31-161									
2-Fluorobiphenyl (S)	%				70	31-118									
2-Fluorophenol (S)	%				25	10-67									
Nitrobenzene-d5 (S)	%				74	29-126									
p-Terphenyl-d14 (S)	%				60	28-129									
Phenol-d5 (S)	%				14	10-47									

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191344

QC Batch: OEXT/39009 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 60191344008, 60191344019, 60191344020, 60191344021, 60191344022, 60191344023, 60191344024, 60191344025, 60191344026

METHOD BLANK: 1275440 Matrix: Water
Associated Lab Samples: 60191344008, 60191344019, 60191344020, 60191344021, 60191344022, 60191344023, 60191344024, 60191344025, 60191344026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	04/16/15 08:46	
2,4,5-Trichlorophenol	ug/L	ND	500	04/16/15 08:46	
2,4,6-Trichlorophenol	ug/L	ND	100	04/16/15 08:46	
2,4-Dinitrotoluene	ug/L	ND	100	04/16/15 08:46	
2-Methylphenol(o-Cresol)	ug/L	ND	100	04/16/15 08:46	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	04/16/15 08:46	
Hexachloro-1,3-butadiene	ug/L	ND	100	04/16/15 08:46	
Hexachlorobenzene	ug/L	ND	100	04/16/15 08:46	
Hexachloroethane	ug/L	ND	100	04/16/15 08:46	
Nitrobenzene	ug/L	ND	100	04/16/15 08:46	
Pentachlorophenol	ug/L	ND	500	04/16/15 08:46	
Pyridine	ug/L	ND	100	04/16/15 08:46	
2,4,6-Tribromophenol (S)	%	80	31-161	04/16/15 08:46	
2-Fluorobiphenyl (S)	%	65	31-118	04/16/15 08:46	
2-Fluorophenol (S)	%	26	10-67	04/16/15 08:46	
Nitrobenzene-d5 (S)	%	70	29-126	04/16/15 08:46	
p-Terphenyl-d14 (S)	%	74	28-129	04/16/15 08:46	
Phenol-d5 (S)	%	13	10-47	04/16/15 08:46	

LABORATORY CONTROL SAMPLE: 1275441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	1000	654	65	29-102	
2,4,5-Trichlorophenol	ug/L	1000	631	63	42-125	
2,4,6-Trichlorophenol	ug/L	1000	627	63	44-122	
2,4-Dinitrotoluene	ug/L	1000	707	71	36-126	
2-Methylphenol(o-Cresol)	ug/L	1000	410	41	30-85	
3&4-Methylphenol(m&p Cresol)	ug/L	2000	658	33	22-76	
Hexachloro-1,3-butadiene	ug/L	1000	522	52	26-102	
Hexachlorobenzene	ug/L	1000	548	55	36-115	
Hexachloroethane	ug/L	1000	606	61	24-101	
Nitrobenzene	ug/L	1000	702	70	36-114	
Pentachlorophenol	ug/L	1000	561	56	31-125	
Pyridine	ug/L	1000	292	29	10-41	
2,4,6-Tribromophenol (S)	%			80	31-161	
2-Fluorobiphenyl (S)	%			70	31-118	
2-Fluorophenol (S)	%			27	10-67	
Nitrobenzene-d5 (S)	%			76	29-126	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191344

LABORATORY CONTROL SAMPLE: 1275441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Terphenyl-d14 (S)	%			60	28-129	
Phenol-d5 (S)	%			14	10-47	

MATRIX SPIKE SAMPLE: 1275442

Parameter	Units	60191344008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	1000	616	62	39-91	
2,4,5-Trichlorophenol	ug/L	ND	1000	676	68	41-125	
2,4,6-Trichlorophenol	ug/L	ND	1000	688	69	42-120	
2,4-Dinitrotoluene	ug/L	ND	1000	706	71	34-124	
2-Methylphenol(o-Cresol)	ug/L	ND	1000	395	40	21-101	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	2000	638	32	10-104	
Hexachloro-1,3-butadiene	ug/L	ND	1000	532	53	36-97	
Hexachlorobenzene	ug/L	ND	1000	562	56	37-115	
Hexachloroethane	ug/L	ND	1000	576	58	31-93	
Nitrobenzene	ug/L	ND	1000	729	73	42-114	
Pentachlorophenol	ug/L	ND	1000	626	63	30-128	
Pyridine	ug/L	ND	1000	258	26	10-46	
2,4,6-Tribromophenol (S)	%				84	31-161	
2-Fluorobiphenyl (S)	%				71	31-118	
2-Fluorophenol (S)	%				25	10-67	
Nitrobenzene-d5 (S)	%				77	29-126	
p-Terphenyl-d14 (S)	%				69	28-129	
Phenol-d5 (S)	%				14	10-47	

MATRIX SPIKE SAMPLE: 1275443

Parameter	Units	50116233001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	1000	560	56	39-91	
2,4,5-Trichlorophenol	ug/L	ND	1000	600	60	41-125	
2,4,6-Trichlorophenol	ug/L	ND	1000	590	59	42-120	
2,4-Dinitrotoluene	ug/L	ND	1000	641	64	34-124	
2-Methylphenol(o-Cresol)	ug/L	ND	1000	356	36	21-101	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	2000	596	30	10-104	
Hexachloro-1,3-butadiene	ug/L	ND	1000	435	44	36-97	
Hexachlorobenzene	ug/L	ND	1000	502	50	37-115	
Hexachloroethane	ug/L	ND	1000	533	53	31-93	
Nitrobenzene	ug/L	ND	1000	637	64	42-114	
Pentachlorophenol	ug/L	ND	1000	586	59	30-128	
Pyridine	ug/L	ND	1000	232	23	10-46	
2,4,6-Tribromophenol (S)	%				76	31-161	
2-Fluorobiphenyl (S)	%				62	31-118	
2-Fluorophenol (S)	%				24	10-67	
Nitrobenzene-d5 (S)	%				69	29-126	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191344

MATRIX SPIKE SAMPLE:		1275443					
Parameter	Units	50116233001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
p-Terphenyl-d14 (S)	%.					50	28-129
Phenol-d5 (S)	%.					13	10-47

MATRIX SPIKE SAMPLE:		1275444					
Parameter	Units	50116351001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	1000	588	59	39-91	
2,4,5-Trichlorophenol	ug/L	ND	1000	606	61	41-125	
2,4,6-Trichlorophenol	ug/L	ND	1000	633	63	42-120	
2,4-Dinitrotoluene	ug/L	ND	1000	699	70	34-124	
2-Methylphenol(o-Cresol)	ug/L	ND	1000	391	39	21-101	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	2000	647	32	10-104	
Hexachloro-1,3-butadiene	ug/L	ND	1000	466	47	36-97	
Hexachlorobenzene	ug/L	ND	1000	506	51	37-115	
Hexachloroethane	ug/L	ND	1000	530	53	31-93	
Nitrobenzene	ug/L	ND	1000	695	70	42-114	
Pentachlorophenol	ug/L	ND	1000	624	62	30-128	
Pyridine	ug/L	ND	1000	253	25	10-46	
2,4,6-Tribromophenol (S)	%.					80	31-161
2-Fluorobiphenyl (S)	%.					68	31-118
2-Fluorophenol (S)	%.					27	10-67
Nitrobenzene-d5 (S)	%.					76	29-126
p-Terphenyl-d14 (S)	%.					52	28-129
Phenol-d5 (S)	%.					15	10-47

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191344

QC Batch: OEXT/39045 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 60191344021

METHOD BLANK: 1278668 Matrix: Water
Associated Lab Samples: 60191344021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	04/17/15 23:40	
2,4,5-Trichlorophenol	ug/L	ND	500	04/17/15 23:40	
2,4,6-Trichlorophenol	ug/L	ND	100	04/17/15 23:40	
2,4-Dinitrotoluene	ug/L	ND	100	04/17/15 23:40	
2-Methylphenol(o-Cresol)	ug/L	ND	100	04/17/15 23:40	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	04/17/15 23:40	
Hexachloro-1,3-butadiene	ug/L	ND	100	04/17/15 23:40	
Hexachlorobenzene	ug/L	ND	100	04/17/15 23:40	
Hexachloroethane	ug/L	ND	100	04/17/15 23:40	
Nitrobenzene	ug/L	ND	100	04/17/15 23:40	
Pentachlorophenol	ug/L	ND	500	04/17/15 23:40	
Pyridine	ug/L	ND	100	04/17/15 23:40	
2,4,6-Tribromophenol (S)	%	91	31-161	04/17/15 23:40	
2-Fluorobiphenyl (S)	%	79	31-118	04/17/15 23:40	
2-Fluorophenol (S)	%	27	10-67	04/17/15 23:40	
Nitrobenzene-d5 (S)	%	83	29-126	04/17/15 23:40	
p-Terphenyl-d14 (S)	%	91	28-129	04/17/15 23:40	
Phenol-d5 (S)	%	15	10-47	04/17/15 23:40	

LABORATORY CONTROL SAMPLE: 1278669

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	1000	583	58	29-102	
2,4,5-Trichlorophenol	ug/L	1000	709	71	42-125	
2,4,6-Trichlorophenol	ug/L	1000	670	67	44-122	
2,4-Dinitrotoluene	ug/L	1000	691	69	36-126	
2-Methylphenol(o-Cresol)	ug/L	1000	382	38	30-85	
3&4-Methylphenol(m&p Cresol)	ug/L	2000	630	31	22-76	
Hexachloro-1,3-butadiene	ug/L	1000	565	57	26-102	
Hexachlorobenzene	ug/L	1000	559	56	36-115	
Hexachloroethane	ug/L	1000	541	54	24-101	
Nitrobenzene	ug/L	1000	649	65	36-114	
Pentachlorophenol	ug/L	1000	593	59	31-125	
Pyridine	ug/L	1000	250	25	10-41	
2,4,6-Tribromophenol (S)	%			76	31-161	
2-Fluorobiphenyl (S)	%			70	31-118	
2-Fluorophenol (S)	%			23	10-67	
Nitrobenzene-d5 (S)	%			70	29-126	
p-Terphenyl-d14 (S)	%			66	28-129	
Phenol-d5 (S)	%			13	10-47	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191344

QC Batch:	PMST/10630	Analysis Method:	ASTM D2974
QC Batch Method:	ASTM D2974	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	60191344009, 60191344010, 60191344011, 60191344014, 60191344015, 60191344016, 60191344017, 60191344018		

METHOD BLANK:	1547276	Matrix:	Solid
Associated Lab Samples:	60191344009, 60191344010, 60191344011, 60191344014, 60191344015, 60191344016, 60191344017, 60191344018		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/10/15 00:00	

SAMPLE DUPLICATE: 1547277

Parameter	Units	60191252002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.9	24.1	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Bannister IL1561

Pace Project No.: 60191344

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-I Pace Analytical Services - Indianapolis

PASI-K Pace Analytical Services - Kansas City

ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561
Pace Project No.: 60191344

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60191344009	BFC-WBF1-T101	EPA 3546	OEXT/48885	EPA 8082	GCSV/18732
60191344010	BFC-WBF1-H101	EPA 3546	OEXT/48885	EPA 8082	GCSV/18732
60191344011	BFC-WBF2-T101	EPA 3546	OEXT/48885	EPA 8082	GCSV/18732
60191344014	BFC-WBF2-T103	EPA 3546	OEXT/48885	EPA 8082	GCSV/18732
60191344015	BFC-WBF2-T104	EPA 3546	OEXT/48885	EPA 8082	GCSV/18732
60191344016	BFC-WBF2-H101	EPA 3546	OEXT/48885	EPA 8082	GCSV/18732
60191344017	BFC-WBF2-T102	EPA 3546	OEXT/48885	EPA 8082	GCSV/18732
60191344018	BFC-WBF2-H102	EPA 3546	OEXT/48885	EPA 8082	GCSV/18732
60191344001	BFC-ETCA-H105	EPA 3010	MPRP/15873	EPA 6010	ICP/19237
60191344002	BFC-ETCA-H106	EPA 3010	MPRP/15873	EPA 6010	ICP/19237
60191344003	BFC-DECN-H101	EPA 3010	MPRP/15873	EPA 6010	ICP/19237
60191344004	BFC-DECN-H102	EPA 3010	MPRP/15873	EPA 6010	ICP/19237
60191344005	BFC-DECN-H103	EPA 3010	MPRP/15873	EPA 6010	ICP/19237
60191344006	BFC-DECN-H104	EPA 3010	MPRP/15873	EPA 6010	ICP/19237
60191344007	BFC-DECN-H105	EPA 3010	MPRP/15873	EPA 6010	ICP/19237
60191344008	BFC-DECN-H106	EPA 3010	MPRP/15882	EPA 6010	ICP/19258
60191344019	BFC-BD77-H101	EPA 3010	MPRP/15882	EPA 6010	ICP/19258
60191344020	BFC-BD77-H102	EPA 3010	MPRP/15882	EPA 6010	ICP/19258
60191344021	BFC-BD77-H103	EPA 3010	MPRP/15882	EPA 6010	ICP/19258
60191344022	BFC-BD77-H104	EPA 3010	MPRP/15882	EPA 6010	ICP/19258
60191344023	BFC-BD77-H105	EPA 3010	MPRP/15882	EPA 6010	ICP/19258
60191344024	BFC-BD77-H106	EPA 3010	MPRP/15882	EPA 6010	ICP/19258
60191344025	BFC-BD77-H107	EPA 3010	MPRP/15882	EPA 6010	ICP/19258
60191344026	BFC-BD77-H108	EPA 3010	MPRP/15882	EPA 6010	ICP/19258
60191344001	BFC-ETCA-H105	EPA 7470	MERP/6266	EPA 7470	MERC/7122
60191344002	BFC-ETCA-H106	EPA 7470	MERP/6266	EPA 7470	MERC/7122
60191344003	BFC-DECN-H101	EPA 7470	MERP/6266	EPA 7470	MERC/7122
60191344004	BFC-DECN-H102	EPA 7470	MERP/6266	EPA 7470	MERC/7122
60191344005	BFC-DECN-H103	EPA 7470	MERP/6266	EPA 7470	MERC/7122
60191344006	BFC-DECN-H104	EPA 7470	MERP/6266	EPA 7470	MERC/7122
60191344007	BFC-DECN-H105	EPA 7470	MERP/6266	EPA 7470	MERC/7122
60191344008	BFC-DECN-H106	EPA 7470	MERP/6273	EPA 7470	MERC/7131
60191344019	BFC-BD77-H101	EPA 7470	MERP/6273	EPA 7470	MERC/7131
60191344020	BFC-BD77-H102	EPA 7470	MERP/6273	EPA 7470	MERC/7131
60191344021	BFC-BD77-H103	EPA 7470	MERP/6273	EPA 7470	MERC/7131
60191344022	BFC-BD77-H104	EPA 7470	MERP/6273	EPA 7470	MERC/7131
60191344023	BFC-BD77-H105	EPA 7470	MERP/6273	EPA 7470	MERC/7131
60191344024	BFC-BD77-H106	EPA 7470	MERP/6273	EPA 7470	MERC/7131
60191344025	BFC-BD77-H107	EPA 7470	MERP/6273	EPA 7470	MERC/7131
60191344026	BFC-BD77-H108	EPA 7470	MERP/6273	EPA 7470	MERC/7131
60191344001	BFC-ETCA-H105	EPA 3510	OEXT/38971	EPA 8270	MSSV/17689
60191344002	BFC-ETCA-H106	EPA 3510	OEXT/38971	EPA 8270	MSSV/17689
60191344003	BFC-DECN-H101	EPA 3510	OEXT/38971	EPA 8270	MSSV/17689
60191344004	BFC-DECN-H102	EPA 3510	OEXT/38971	EPA 8270	MSSV/17689
60191344005	BFC-DECN-H103	EPA 3510	OEXT/38971	EPA 8270	MSSV/17689
60191344006	BFC-DECN-H104	EPA 3510	OEXT/38971	EPA 8270	MSSV/17689

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561
Pace Project No.: 60191344

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60191344007	BFC-DECN-H105	EPA 3510	OEXT/38971	EPA 8270	MSSV/17689
60191344008	BFC-DECN-H106	EPA 3510	OEXT/39009	EPA 8270	MSSV/17719
60191344019	BFC-BD77-H101	EPA 3510	OEXT/39009	EPA 8270	MSSV/17719
60191344020	BFC-BD77-H102	EPA 3510	OEXT/39009	EPA 8270	MSSV/17719
60191344021	BFC-BD77-H103	EPA 3510	OEXT/39009	EPA 8270	MSSV/17719
60191344021	BFC-BD77-H103	EPA 3510	OEXT/39045	EPA 8270	MSSV/17741
60191344022	BFC-BD77-H104	EPA 3510	OEXT/39009	EPA 8270	MSSV/17719
60191344023	BFC-BD77-H105	EPA 3510	OEXT/39009	EPA 8270	MSSV/17719
60191344024	BFC-BD77-H106	EPA 3510	OEXT/39009	EPA 8270	MSSV/17719
60191344025	BFC-BD77-H107	EPA 3510	OEXT/39009	EPA 8270	MSSV/17719
60191344026	BFC-BD77-H108	EPA 3510	OEXT/39009	EPA 8270	MSSV/17719
60191344001	BFC-ETCA-H105	EPA 8260	MSV/75642		
60191344002	BFC-ETCA-H106	EPA 8260	MSV/75587		
60191344003	BFC-DECN-H101	EPA 8260	MSV/75587		
60191344004	BFC-DECN-H102	EPA 8260	MSV/75587		
60191344005	BFC-DECN-H103	EPA 8260	MSV/75587		
60191344006	BFC-DECN-H104	EPA 8260	MSV/75587		
60191344007	BFC-DECN-H105	EPA 8260	MSV/75587		
60191344008	BFC-DECN-H106	EPA 8260	MSV/75587		
60191344019	BFC-BD77-H101	EPA 8260	MSV/75587		
60191344020	BFC-BD77-H102	EPA 8260	MSV/75587		
60191344021	BFC-BD77-H103	EPA 8260	MSV/75587		
60191344022	BFC-BD77-H104	EPA 8260	MSV/75587		
60191344023	BFC-BD77-H105	EPA 8260	MSV/75642		
60191344024	BFC-BD77-H106	EPA 8260	MSV/75642		
60191344025	BFC-BD77-H107	EPA 8260	MSV/75642		
60191344026	BFC-BD77-H108	EPA 8260	MSV/75642		
60191344009	BFC-WBF1-T101	ASTM D2974	PMST/10630		
60191344010	BFC-WBF1-H101	ASTM D2974	PMST/10630		
60191344011	BFC-WBF2-T101	ASTM D2974	PMST/10630		
60191344014	BFC-WBF2-T103	ASTM D2974	PMST/10630		
60191344015	BFC-WBF2-T104	ASTM D2974	PMST/10630		
60191344016	BFC-WBF2-H101	ASTM D2974	PMST/10630		
60191344017	BFC-WBF2-T102	ASTM D2974	PMST/10630		
60191344018	BFC-WBF2-H102	ASTM D2974	PMST/10630		

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Sample Condition Upon Receipt

WO#: 60191344



Client Name: Brandenburg Ind. Ser. Co.

Courier: FedEx UPS VIA Clay PEX ECI Pace Other Client

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: CF-0.1 T-239 CF-1.8 T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 8.3

Temperature should be above freezing to 6°C

Date and initials of person examining contents: SB 4/6/15

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	<u>No containers rec'd for</u>
Sampler name & signature on COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	<u>BFC-WBF2-T102</u>
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Short Hold Time analyses (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.	<u>Double volume rec'd for</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.	<u>BFC-WBF1-T102</u>
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.	
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.	
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Includes date/time/ID/analyses	<u>Y</u> Matrix: <u>SL</u>	13.	
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.	
Exceptions: VOA, Coliform, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed	Lot # of added preservative
Trip Blank present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank lot # (if purchased):		15.	
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.	
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	17.	List State:

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: Nick Rojas Date/Time: 4/7/15 @ 2:34pm

Comments/ Resolution: please use the BFC-WBF2-T102 volume collected at 7:45 and disregard BFC-WBF2-T102 on chain.

Please, disregard both volumes for BFC-WBF1-T102 - Client will re-sample to avoid error.

Project Manager Review: _____ Date: _____



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A	Section B	Section C
Required Client Information:	Required Project Information:	Invoice Information:
Company: Brandenburg Industrial Service Co.	Report To: Nick Rojas	Attention: Byran Roberson/Accounts Payable
Address: 2625 S. Loomis St.	Copy To:	Company Name: Brandenburg Industrial Service Co.
Chicago, IL 60608	Purchase Order #: 506848	Address: 2625 S. Loomis St. Chicago, IL 60608
Email: rojinic@brandenburg.com	Project Name: Bannister	Pace Quote: 18296
Phone: 312-405-0704	Requested Due Date:	Pace Project Manager: Alice Flanagan, 913-563-1409
Fax:		Pace Profile #: 8372
Regulatory Agency		MO
State / Location		MO

Page: 1 Of 1

ITEM #	MATRIX CODE	MATRIX	COLLECTED		SAMPLE TYPE (S-GRAB C-COMP)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analyses Test Y/N	Requested Analysis Filtered (Y/N)													Residual Chlorine (Y/N)								
			START DATE	END DATE						270 SVOC	Spec Gravity	TCLP Metals	TCLP SVOCs	TCLP VOCs	B260 VOCs full list	Flashpoint	Reactivities	Metals-Total Be	pH, % moisture	B270 SVOC	PCBs by 8082										
1	BFC-ETCA-H 105 ✓	Drinking Water	4/6/13	6:10	6:15				X																		W9KU	001			
2	BFC-ETCA-H 106 ✓	Water	4/6/13	6:20	6:25				X																						
3	BFC-DECN-H 101 ✓	Waste Water	4/6/13	6:30	6:35				X																						
4	BFC-DECN-H 102 ✓	Product	4/6/13	6:35	6:40				X																						
5	BFC-DECN-H 103 ✓	Soil/Solid	4/6/13	6:40	6:45				X																						
6	BFC-DECN-H 104 ✓	Oil	4/6/13	6:45	6:50				X																						
7	BFC-DECN-H 105 ✓	Wipe	4/6/13	6:50	6:55				X																						
8	BFC-DECN-H 106 ✓	Other	4/6/13	6:55	7:00				X																						
9	BFC-WBFA-T 101 ✓	Air	4/6/13	7:10	7:15				X																						
10	BFC-WBFA-T 101 ✓	Other Tissue	4/6/13	7:20	7:25				X																						
11	BFC-WBFA-T 101 ✓		4/6/13	7:25	7:30				X																						
12	BFC-WBFA-T 102 ✓		4/6/13	7:30	7:35				X																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION		ACCEPTED BY / AFFILIATION		DATE	TIME	DATE	TIME	SAMPLE CONDITIONS	Received on (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
	SIGNATURE	DATE	SIGNATURE	DATE									
	Nick Rojas	4-6	Nick Rojas	4-6	4:30	4:30	4:00	4:30					
					4-6	4:30	7:00	8:30	Y	Y	Y	Y	Y

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Nick Rojas
 SIGNATURE of SAMPLER: [Signature]
 DATE Signed: 4/6/13



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company: Branderburg Industrial Service Co.		Report To: Nick Rojas		Attention: Byran Roberson/Accounts Payable	
Address: 2625 S. Loomis St. Chicago, IL 60608		Copy To:		Company Name: Branderburg Industrial Service Co.	
Email: rolnic@branderburg.com		Purchase Order #: 506648		Address: 2625 S. Loomis St. Chicago, IL 60608	
Phone: 312-405-0704		Project Name: Bannister		Pace Quote: 18296	
Requested Due Date: Standard		Project #: IL1561		Pace Project Manager: Alice Flanagan, 913-563-1409	
Regulatory Agency		State / Location		MO	
MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue			Requested Analysis Filtered (Y/N)		
SAMPLE ID One Character per box. (A-Z, 0-9 /, -)			Analyses Test Y/N		
Sample IDs must be unique			Preservatives		
COLLECTED		# OF CONTAINERS			
MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB O=COMP)	START DATE	START TIME	END DATE	END TIME
1 BFC-BD77-H107		4/6/15	8:50	4/6/15	8:55
2 BFC-BD77-H108			8:55		9:00
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		
			DATE		
			TIME		
			ACCEPTED BY / AFFILIATION		
			DATE		
			TIME		
			TEMP IN C		
			Received on		
			Ice (Y/N)		
			Custody Sealed (Y/N)		
			Cooler (Y/N)		
			Samples Intact (Y/N)		



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:
 Company: Brandenburg Industrial Service Co.
 Address: 2625 S. Loomis St.
 Chicago, IL 60608
 Email: foimic@brandenburg.com
 Phone: 312-405-0704
 Requested Due Date:

Section B
Required Project Information:
 Report To: Nick Rojas
 Copy To:
 Purchase Order #: 506848
 Project Name: Bannister
 Project #: IL1561

Section C
Invoice Information:
 Attention: Bryan Roberson/Accounts Payable
 Company Name: Bradenburg Industrial Service Co.
 Address: 2625 S. Loomis St. Chicago, IL 60608
 Pace Quote: 18296
 Pace Project Manager: Alice Flanagan, 913-563-1409
 Pace Profile #: 8372

Regulatory Agency
State / Location
 MO

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Flashpoint								
			START DATE	END DATE		Y/N	PCBs by 8082	Reactivities	Metals-Total Be	pH, % moisture	8270 SVOC	Spec Gravty	TCLP Metals	TCLP SVOCs	TCLP VOCs			8260 VOCs full list							
1	Drinking Water	DW	4/1 5:55	4/1 6:00	GC																W6Fu	037	60190948		
2	Waste Water	WW	6:05	6:10	GC																			038	
3	Product	P	6:10	6:15	GC																			039	
4	Soil/Solid	SL	6:15	6:20	GC																				040
5	Oil	OL	6:25	6:30	GC																				041
6	Wipe	WP	6:30	6:35	GC																				042
7	Air	AR	6:40	6:45	GC																				043
8	Other	OT	6:45	6:50	GC																				044
9	Tissue	TS	6:55	7:00	GC																				045
10			7:10	7:15	GC																				046
11			7:55	8:00	GC																				047
12			8:05	8:12	GC																				048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION		ACCEPTED BY / AFFILIATION		SAMPLE CONDITIONS	
	DATE	SIGNATURE	DATE	SIGNATURE	TEMP In C	Received on
	4-1	[Signature]	4-1	[Signature]	13	Y
			4/1	[Signature]	4.7	Y
						Y
						Y

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Nick Rojas
 SIGNATURE of SAMPLER: [Signature]
 DATE Signed: 4/1/15

April 27, 2015

Nick Rojas
Brandenburg Industrial Service Co.
2625 S. Loomis St
Chicago, IL 60608

RE: Project: Bannister IL1561
Pace Project No.: 60191632

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 09, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Alice Flanagan
alice.flanagan@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Bannister IL1561

Pace Project No.: 60191632

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL1561

Pace Project No.: 60191632

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60191632001	BFC-D37B-H111	Solid	04/09/15 07:05	04/09/15 16:05
60191632002	BFC-D37B-H112	Solid	04/09/15 07:15	04/09/15 16:05
60191632003	BFC-D37B-H113	Solid	04/09/15 07:20	04/09/15 16:05
60191632004	BFC-D37B-H114	Solid	04/09/15 07:25	04/09/15 16:05
60191632005	BFC-D37B-H115	Solid	04/09/15 07:30	04/09/15 16:05
60191632006	BFC-D37B-H116	Solid	04/09/15 07:35	04/09/15 16:05
60191632007	BFC-D37B-H117	Solid	04/09/15 07:40	04/09/15 16:05
60191632008	BFC-D37B-H118	Solid	04/09/15 07:45	04/09/15 16:05
60191632009	BFC-D37B-H119	Solid	04/09/15 07:50	04/09/15 16:05
60191632010	BFC-D37B-H120A	Solid	04/09/15 07:55	04/09/15 16:05
60191632011	BFC-D37B-H120B	Solid	04/09/15 07:55	04/09/15 16:05
60191632012	BFC-D37B-H121	Solid	04/09/15 08:00	04/09/15 16:05
60191632013	BFC-D37B-H122	Solid	04/09/15 08:05	04/09/15 16:05
60191632014	BFC-D37B-H123	Solid	04/09/15 08:10	04/09/15 16:05
60191632015	BFC-D37B-H124	Solid	04/09/15 08:15	04/09/15 16:05
60191632016	BFC-D37B-H125	Solid	04/09/15 08:20	04/09/15 16:05
60191632017	BFC-D37B-H126	Solid	04/09/15 08:25	04/09/15 16:05
60191632018	BFC-D37B-H127	Solid	04/09/15 08:30	04/09/15 16:05
60191632019	BFC-D37B-H128	Solid	04/09/15 08:35	04/09/15 16:05
60191632020	BFC-D37B-H129	Solid	04/09/15 08:40	04/09/15 16:05
60191632021	BFC-D37B-H130	Solid	04/09/15 08:45	04/09/15 16:05
60191632022	BFC-D37B-H131	Solid	04/09/15 08:50	04/09/15 16:05
60191632023	BFC-D37B-H132	Solid	04/09/15 08:55	04/09/15 16:05
60191632024	BFC-D37B-H133	Solid	04/09/15 09:00	04/09/15 16:05
60191632025	BFC-D37B-H134	Solid	04/09/15 09:05	04/09/15 16:05
60191632026	BFC-D37B-H135	Solid	04/09/15 09:10	04/09/15 16:05
60191632027	BFC-BD16-H101	Solid	04/09/15 09:15	04/09/15 16:05
60191632028	BFC-BD16-H102	Solid	04/09/15 09:20	04/09/15 16:05
60191632029	BFC-BD16-H103	Solid	04/09/15 09:25	04/09/15 16:05
60191632030	BFC-BD16-H104	Solid	04/09/15 09:30	04/09/15 16:05
60191632031	BFC-BD16-H105	Solid	04/09/15 09:35	04/09/15 16:05
60191632032	BFC-BD16-H106	Solid	04/09/15 09:40	04/09/15 16:05
60191632033	BFC-BD16-H107	Solid	04/09/15 09:45	04/09/15 16:05
60191632034	BFC-BD16-H108	Solid	04/09/15 09:50	04/09/15 16:05
60191632035	BFC-BD16-H109	Solid	04/09/15 09:55	04/09/15 16:05
60191632036	BFC-BD16-H110	Solid	04/09/15 10:00	04/09/15 16:05
60191632037	BFC-BD16-H111	Solid	04/09/15 10:05	04/09/15 16:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL1561

Pace Project No.: 60191632

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60191632038	BFC-BD16-H112	Solid	04/09/15 10:10	04/09/15 16:05
60191632039	BFC-BD16-H113	Solid	04/09/15 10:15	04/09/15 16:05
60191632040	BFC-BD16-H114	Solid	04/09/15 10:20	04/09/15 16:05
60191632041	BFC-BD16-H115	Solid	04/09/15 10:25	04/09/15 16:05
60191632042	BFC-BD16-H116	Solid	04/09/15 10:30	04/09/15 16:05
60191632043	BFC-BD16-H117	Solid	04/09/15 10:35	04/09/15 16:05
60191632044	BFC-BD16-H118	Solid	04/09/15 10:40	04/09/15 16:05
60191632045	BFC-BD16-H119	Solid	04/09/15 10:45	04/09/15 16:05
60191632046	BFC-BD16-H120A	Solid	04/09/15 10:50	04/09/15 16:05
60191632047	BFC-BD16-H120B	Solid	04/09/15 10:50	04/09/15 16:05
60191632048	BFC-BD16-H121	Solid	04/09/15 10:55	04/09/15 16:05
60191632049	BFC-BD16-H122	Solid	04/09/15 11:00	04/09/15 16:05
60191632050	BFC-BD16-H123	Solid	04/09/15 11:05	04/09/15 16:05
60191632051	BFC-BD16-H124	Solid	04/09/15 11:10	04/09/15 16:05
60191632052	BFC-BD90-H101	Solid	04/09/15 11:15	04/09/15 16:05
60191632053	BFC-BD90-H102	Solid	04/09/15 11:20	04/09/15 16:05
60191632054	BFC-BD90-H103	Solid	04/09/15 11:25	04/09/15 16:05
60191632055	BFC-BD90-H104	Solid	04/09/15 11:30	04/09/15 16:05
60191632056	BFC-OWS-H101	Solid	04/09/15 11:35	04/09/15 16:05
60191632057	BFC-OWS-H102	Solid	04/09/15 11:40	04/09/15 16:05
60191632058	BFC-OWS-H103	Solid	04/09/15 11:45	04/09/15 16:05
60191632059	BFC-BORS-H101	Solid	04/09/15 13:30	04/09/15 16:05
60191632060	BFC-BORS-H102	Solid	04/09/15 13:35	04/09/15 16:05
60191632061	BFC-BP1R-H101	Solid	04/09/15 14:00	04/09/15 16:05
60191632062	BFC-BP1R-H102	Solid	04/09/15 14:05	04/09/15 16:05
60191632063	BFC-BP1R-H103	Solid	04/09/15 14:10	04/09/15 16:05
60191632064	TRIP BLANK	Solid	04/09/15 14:10	04/09/15 16:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60191632

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60191632001	BFC-D37B-H111	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632002	BFC-D37B-H112	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632003	BFC-D37B-H113	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632004	BFC-D37B-H114	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632005	BFC-D37B-H115	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632006	BFC-D37B-H116	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632007	BFC-D37B-H117	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632008	BFC-D37B-H118	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632009	BFC-D37B-H119	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632010	BFC-D37B-H120A	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632011	BFC-D37B-H120B	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632012	BFC-D37B-H121	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632013	BFC-D37B-H122	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632014	BFC-D37B-H123	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632015	BFC-D37B-H124	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632016	BFC-D37B-H125	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632017	BFC-D37B-H126	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632018	BFC-D37B-H127	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632019	BFC-D37B-H128	EPA 8082	JDH	8

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60191632

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		ASTM D2974	DWC	1
60191632020	BFC-D37B-H129	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632021	BFC-D37B-H130	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632022	BFC-D37B-H131	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632023	BFC-D37B-H132	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632024	BFC-D37B-H133	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632025	BFC-D37B-H134	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632026	BFC-D37B-H135	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632027	BFC-BD16-H101	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632028	BFC-BD16-H102	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632029	BFC-BD16-H103	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632030	BFC-BD16-H104	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632031	BFC-BD16-H105	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632032	BFC-BD16-H106	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632033	BFC-BD16-H107	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632034	BFC-BD16-H108	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632035	BFC-BD16-H109	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632036	BFC-BD16-H110	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632037	BFC-BD16-H111	EPA 8082	JDH	8
		ASTM D2974	DWC	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60191632

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60191632038	BFC-BD16-H112	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632039	BFC-BD16-H113	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632040	BFC-BD16-H114	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632041	BFC-BD16-H115	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632042	BFC-BD16-H116	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632043	BFC-BD16-H117	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632044	BFC-BD16-H118	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632045	BFC-BD16-H119	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632046	BFC-BD16-H120A	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632047	BFC-BD16-H120B	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632048	BFC-BD16-H121	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632049	BFC-BD16-H122	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632050	BFC-BD16-H123	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632051	BFC-BD16-H124	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632052	BFC-BD90-H101	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632053	BFC-BD90-H102	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632054	BFC-BD90-H103	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632055	BFC-BD90-H104	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60191632056	BFC-OWS-H101	EPA 8082	JDH	8

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60191632

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60191632057	BFC-OWS-H102	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60191632058	BFC-OWS-H103	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60191632059	BFC-BORS-H101	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60191632060	BFC-BORS-H102	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60191632061	BFC-BP1R-H101	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60191632062	BFC-BP1R-H102	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60191632063	BFC-BP1R-H103	ASTM D2974	DWC	1
		EPA 8082	JDH	8
		ASTM D2974	DWC	1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H111 **Lab ID: 60191632001** Collected: 04/09/15 07:05 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.3	1	04/20/15 00:00	04/21/15 20:19	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/20/15 00:00	04/21/15 20:19	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/20/15 00:00	04/21/15 20:19	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/20/15 00:00	04/21/15 20:19	53469-21-9	
PCB-1248 (Aroclor 1248)	35.8	ug/kg	33.3	1	04/20/15 00:00	04/21/15 20:19	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/20/15 00:00	04/21/15 20:19	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/20/15 00:00	04/21/15 20:19	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	71	%	26-127	1	04/20/15 00:00	04/21/15 20:19	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.5	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H112 **Lab ID: 60191632002** Collected: 04/09/15 07:15 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.1	1	04/20/15 00:00	04/21/15 20:37	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.2	1	04/20/15 00:00	04/21/15 20:37	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/20/15 00:00	04/21/15 20:37	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/20/15 00:00	04/21/15 20:37	53469-21-9	
PCB-1248 (Aroclor 1248)	36.9	ug/kg	33.1	1	04/20/15 00:00	04/21/15 20:37	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/20/15 00:00	04/21/15 20:37	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.1	1	04/20/15 00:00	04/21/15 20:37	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	1	04/20/15 00:00	04/21/15 20:37	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H113 **Lab ID: 60191632003** Collected: 04/09/15 07:20 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 20:54	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.5	1	04/20/15 00:00	04/21/15 20:54	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 20:54	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 20:54	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 20:54	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 20:54	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 20:54	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	74	%	26-127	1	04/20/15 00:00	04/21/15 20:54	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.6	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H114 **Lab ID: 60191632004** Collected: 04/09/15 07:25 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	334	10	04/20/15 00:00	04/21/15 22:03	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	667	10	04/20/15 00:00	04/21/15 22:03	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	334	10	04/20/15 00:00	04/21/15 22:03	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	334	10	04/20/15 00:00	04/21/15 22:03	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	334	10	04/20/15 00:00	04/21/15 22:03	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	334	10	04/20/15 00:00	04/21/15 22:03	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	334	10	04/20/15 00:00	04/21/15 22:03	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/20/15 00:00	04/21/15 22:03	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.6	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H115 **Lab ID: 60191632005** Collected: 04/09/15 07:30 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 22:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.4	1	04/20/15 00:00	04/21/15 22:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 22:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 22:38	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 22:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 22:38	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/20/15 00:00	04/21/15 22:38	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	1	04/20/15 00:00	04/21/15 22:38	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H116 **Lab ID: 60191632006** Collected: 04/09/15 07:35 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.3	1	04/20/15 00:00	04/21/15 23:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.5	1	04/20/15 00:00	04/21/15 23:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/20/15 00:00	04/21/15 23:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/20/15 00:00	04/21/15 23:13	53469-21-9	
PCB-1248 (Aroclor 1248)	35.4	ug/kg	33.3	1	04/20/15 00:00	04/21/15 23:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/20/15 00:00	04/21/15 23:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/20/15 00:00	04/21/15 23:13	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	42	%	26-127	1	04/20/15 00:00	04/21/15 23:13	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H117 **Lab ID: 60191632007** Collected: 04/09/15 07:40 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/20/15 00:00	04/21/15 23:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:30	53469-21-9	
PCB-1248 (Aroclor 1248)	66.1	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:30	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:30	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	74	%	26-127	1	04/20/15 00:00	04/21/15 23:30	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.7	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H118 **Lab ID: 60191632008** Collected: 04/09/15 07:45 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:47	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/20/15 00:00	04/21/15 23:47	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:47	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:47	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:47	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:47	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.4	1	04/20/15 00:00	04/21/15 23:47	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	1	04/20/15 00:00	04/21/15 23:47	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.5	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H119 **Lab ID: 60191632009** Collected: 04/09/15 07:50 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 00:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.5	1	04/20/15 00:00	04/22/15 00:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 00:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 00:57	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 00:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 00:57	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 00:57	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	35	%	26-127	1	04/20/15 00:00	04/22/15 00:57	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H120A **Lab ID: 60191632010** Collected: 04/09/15 07:55 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.4	1	04/20/15 00:00	04/22/15 01:32	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/20/15 00:00	04/22/15 01:32	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.4	1	04/20/15 00:00	04/22/15 01:32	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.4	1	04/20/15 00:00	04/22/15 01:32	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.4	1	04/20/15 00:00	04/22/15 01:32	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.4	1	04/20/15 00:00	04/22/15 01:32	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.4	1	04/20/15 00:00	04/22/15 01:32	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	55	%	26-127	1	04/20/15 00:00	04/22/15 01:32	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H120B **Lab ID: 60191632011** Collected: 04/09/15 07:55 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 02:06	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/20/15 00:00	04/22/15 02:06	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 02:06	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 02:06	53469-21-9	
PCB-1248 (Aroclor 1248)	36.3	ug/kg	33.3	1	04/20/15 00:00	04/22/15 02:06	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 02:06	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 02:06	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	44	%	26-127	1	04/20/15 00:00	04/22/15 02:06	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H121 **Lab ID: 60191632012** Collected: 04/09/15 08:00 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.1	1	04/20/15 00:00	04/22/15 02:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.3	1	04/20/15 00:00	04/22/15 02:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/20/15 00:00	04/22/15 02:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/20/15 00:00	04/22/15 02:24	53469-21-9	
PCB-1248 (Aroclor 1248)	41.1	ug/kg	33.1	1	04/20/15 00:00	04/22/15 02:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/20/15 00:00	04/22/15 02:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.1	1	04/20/15 00:00	04/22/15 02:24	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	90	%	26-127	1	04/20/15 00:00	04/22/15 02:24	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.0	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H122 **Lab ID: 60191632013** Collected: 04/09/15 08:05 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.1	1	04/13/15 00:00	04/14/15 22:37	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.2	1	04/13/15 00:00	04/14/15 22:37	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/13/15 00:00	04/14/15 22:37	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/13/15 00:00	04/14/15 22:37	53469-21-9	
PCB-1248 (Aroclor 1248)	133	ug/kg	33.1	1	04/13/15 00:00	04/14/15 22:37	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/13/15 00:00	04/14/15 22:37	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.1	1	04/13/15 00:00	04/14/15 22:37	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	76	%	26-127	1	04/13/15 00:00	04/14/15 22:37	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H123 **Lab ID: 60191632014** Collected: 04/09/15 08:10 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.2	1	04/13/15 00:00	04/14/15 22:54	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.4	1	04/13/15 00:00	04/14/15 22:54	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/13/15 00:00	04/14/15 22:54	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/13/15 00:00	04/14/15 22:54	53469-21-9	
PCB-1248 (Aroclor 1248)	165	ug/kg	33.2	1	04/13/15 00:00	04/14/15 22:54	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/13/15 00:00	04/14/15 22:54	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/13/15 00:00	04/14/15 22:54	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	79	%	26-127	1	04/13/15 00:00	04/14/15 22:54	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.67	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H124 **Lab ID: 60191632015** Collected: 04/09/15 08:15 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	32.1	1	04/13/15 00:00	04/14/15 23:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	64.2	1	04/13/15 00:00	04/14/15 23:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.1	1	04/13/15 00:00	04/14/15 23:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.1	1	04/13/15 00:00	04/14/15 23:11	53469-21-9	
PCB-1248 (Aroclor 1248)	82.7	ug/kg	32.1	1	04/13/15 00:00	04/14/15 23:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.1	1	04/13/15 00:00	04/14/15 23:11	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	32.1	1	04/13/15 00:00	04/14/15 23:11	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	63	%	26-127	1	04/13/15 00:00	04/14/15 23:11	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.0	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H125 **Lab ID: 60191632016** Collected: 04/09/15 08:20 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	35.2	1	04/13/15 00:00	04/15/15 00:03	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	70.3	1	04/13/15 00:00	04/15/15 00:03	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	35.2	1	04/13/15 00:00	04/15/15 00:03	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	35.2	1	04/13/15 00:00	04/15/15 00:03	53469-21-9	
PCB-1248 (Aroclor 1248)	127	ug/kg	35.2	1	04/13/15 00:00	04/15/15 00:03	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	35.2	1	04/13/15 00:00	04/15/15 00:03	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	35.2	1	04/13/15 00:00	04/15/15 00:03	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	82	%	26-127	1	04/13/15 00:00	04/15/15 00:03	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	7.7	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H126 **Lab ID: 60191632017** Collected: 04/09/15 08:25 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.3	1	04/13/15 00:00	04/15/15 00:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:21	53469-21-9	
PCB-1248 (Aroclor 1248)	112	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:21	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	26-127	1	04/13/15 00:00	04/15/15 00:21	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H127 **Lab ID: 60191632018** Collected: 04/09/15 08:30 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	34.4	1	04/13/15 00:00	04/15/15 00:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	68.7	1	04/13/15 00:00	04/15/15 00:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	34.4	1	04/13/15 00:00	04/15/15 00:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	34.4	1	04/13/15 00:00	04/15/15 00:38	53469-21-9	
PCB-1248 (Aroclor 1248)	72.9	ug/kg	34.4	1	04/13/15 00:00	04/15/15 00:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	34.4	1	04/13/15 00:00	04/15/15 00:38	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	34.4	1	04/13/15 00:00	04/15/15 00:38	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	82	%	26-127	1	04/13/15 00:00	04/15/15 00:38	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	4.8	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H128 **Lab ID: 60191632019** Collected: 04/09/15 08:35 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:55	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.4	1	04/13/15 00:00	04/15/15 00:55	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:55	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:55	53469-21-9	
PCB-1248 (Aroclor 1248)	72.8	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:55	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:55	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/13/15 00:00	04/15/15 00:55	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	73	%	26-127	1	04/13/15 00:00	04/15/15 00:55	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H129 **Lab ID: 60191632020** Collected: 04/09/15 08:40 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.1	1	04/13/15 00:00	04/15/15 01:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.1	1	04/13/15 00:00	04/15/15 01:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/13/15 00:00	04/15/15 01:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/13/15 00:00	04/15/15 01:13	53469-21-9	
PCB-1248 (Aroclor 1248)	50.1	ug/kg	33.1	1	04/13/15 00:00	04/15/15 01:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/13/15 00:00	04/15/15 01:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.1	1	04/13/15 00:00	04/15/15 01:13	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	68	%	26-127	1	04/13/15 00:00	04/15/15 01:13	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H130 **Lab ID: 60191632021** Collected: 04/09/15 08:45 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:05	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.6	1	04/13/15 00:00	04/15/15 02:05	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:05	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:05	53469-21-9	
PCB-1248 (Aroclor 1248)	67.8	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:05	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:05	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:05	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	65	%	26-127	1	04/13/15 00:00	04/15/15 02:05	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H131 **Lab ID: 60191632022** Collected: 04/09/15 08:50 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	32.7	1	04/13/15 00:00	04/15/15 02:22	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.5	1	04/13/15 00:00	04/15/15 02:22	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.7	1	04/13/15 00:00	04/15/15 02:22	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.7	1	04/13/15 00:00	04/15/15 02:22	53469-21-9	
PCB-1248 (Aroclor 1248)	61.7	ug/kg	32.7	1	04/13/15 00:00	04/15/15 02:22	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.7	1	04/13/15 00:00	04/15/15 02:22	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	32.7	1	04/13/15 00:00	04/15/15 02:22	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	71	%	26-127	1	04/13/15 00:00	04/15/15 02:22	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H132 **Lab ID: 60191632023** Collected: 04/09/15 08:55 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	36.8	1	04/13/15 00:00	04/15/15 02:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	73.7	1	04/13/15 00:00	04/15/15 02:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	36.8	1	04/13/15 00:00	04/15/15 02:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	36.8	1	04/13/15 00:00	04/15/15 02:39	53469-21-9	
PCB-1248 (Aroclor 1248)	47.6	ug/kg	36.8	1	04/13/15 00:00	04/15/15 02:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	36.8	1	04/13/15 00:00	04/15/15 02:39	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	36.8	1	04/13/15 00:00	04/15/15 02:39	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	83	%	26-127	1	04/13/15 00:00	04/15/15 02:39	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	12.8	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H133 **Lab ID: 60191632024** Collected: 04/09/15 09:00 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.5	1	04/13/15 00:00	04/15/15 02:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:57	53469-21-9	
PCB-1248 (Aroclor 1248)	54.7	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:57	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/13/15 00:00	04/15/15 02:57	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	1	04/13/15 00:00	04/15/15 02:57	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H134 **Lab ID: 60191632025** Collected: 04/09/15 09:05 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	92.6	1	04/14/15 00:00	04/21/15 03:43	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	185	1	04/14/15 00:00	04/21/15 03:43	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	92.6	1	04/14/15 00:00	04/21/15 03:43	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	92.6	1	04/14/15 00:00	04/21/15 03:43	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	92.6	1	04/14/15 00:00	04/21/15 03:43	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	92.6	1	04/14/15 00:00	04/21/15 03:43	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	92.6	1	04/14/15 00:00	04/21/15 03:43	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	26-127	1	04/14/15 00:00	04/21/15 03:43	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-D37B-H135 **Lab ID: 60191632026** Collected: 04/09/15 09:10 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	96.2	1	04/14/15 00:00	04/21/15 04:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	192	1	04/14/15 00:00	04/21/15 04:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	96.2	1	04/14/15 00:00	04/21/15 04:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	96.2	1	04/14/15 00:00	04/21/15 04:01	53469-21-9	
PCB-1248 (Aroclor 1248)	142	ug/kg	96.2	1	04/14/15 00:00	04/21/15 04:01	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	96.2	1	04/14/15 00:00	04/21/15 04:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	96.2	1	04/14/15 00:00	04/21/15 04:01	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	76	%	26-127	1	04/14/15 00:00	04/21/15 04:01	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/13/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H101 **Lab ID: 60191632027** Collected: 04/09/15 09:15 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	96.7	1	04/14/15 00:00	04/21/15 04:18	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	193	1	04/14/15 00:00	04/21/15 04:18	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	96.7	1	04/14/15 00:00	04/21/15 04:18	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	96.7	1	04/14/15 00:00	04/21/15 04:18	53469-21-9	
PCB-1248 (Aroclor 1248)	478	ug/kg	96.7	1	04/14/15 00:00	04/21/15 04:18	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	96.7	1	04/14/15 00:00	04/21/15 04:18	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	96.7	1	04/14/15 00:00	04/21/15 04:18	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	51	%	26-127	1	04/14/15 00:00	04/21/15 04:18	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.2	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H102 **Lab ID: 60191632028** Collected: 04/09/15 09:20 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	97.3	1	04/14/15 00:00	04/21/15 04:35	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	195	1	04/14/15 00:00	04/21/15 04:35	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	97.3	1	04/14/15 00:00	04/21/15 04:35	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	97.3	1	04/14/15 00:00	04/21/15 04:35	53469-21-9	
PCB-1248 (Aroclor 1248)	206	ug/kg	97.3	1	04/14/15 00:00	04/21/15 04:35	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	97.3	1	04/14/15 00:00	04/21/15 04:35	11097-69-1	
PCB-1260 (Aroclor 1260)	189	ug/kg	97.3	1	04/14/15 00:00	04/21/15 04:35	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	69	%	26-127	1	04/14/15 00:00	04/21/15 04:35	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.1	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H103 **Lab ID: 60191632029** Collected: 04/09/15 09:25 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	102	1	04/14/15 00:00	04/21/15 04:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	203	1	04/14/15 00:00	04/21/15 04:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	102	1	04/14/15 00:00	04/21/15 04:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	102	1	04/14/15 00:00	04/21/15 04:53	53469-21-9	
PCB-1248 (Aroclor 1248)	853	ug/kg	102	1	04/14/15 00:00	04/21/15 04:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	102	1	04/14/15 00:00	04/21/15 04:53	11097-69-1	
PCB-1260 (Aroclor 1260)	108	ug/kg	102	1	04/14/15 00:00	04/21/15 04:53	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	69	%	26-127	1	04/14/15 00:00	04/21/15 04:53	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.1	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H104 **Lab ID: 60191632030** Collected: 04/09/15 09:30 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	97.1	1	04/14/15 00:00	04/21/15 05:45	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	194	1	04/14/15 00:00	04/21/15 05:45	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	97.1	1	04/14/15 00:00	04/21/15 05:45	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	97.1	1	04/14/15 00:00	04/21/15 05:45	53469-21-9	
PCB-1248 (Aroclor 1248)	156	ug/kg	97.1	1	04/14/15 00:00	04/21/15 05:45	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	97.1	1	04/14/15 00:00	04/21/15 05:45	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	97.1	1	04/14/15 00:00	04/21/15 05:45	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	04/14/15 00:00	04/21/15 05:45	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	4.9	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H105 **Lab ID: 60191632031** Collected: 04/09/15 09:35 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:02	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	199	1	04/14/15 00:00	04/21/15 06:02	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:02	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:02	53469-21-9	
PCB-1248 (Aroclor 1248)	325	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:02	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:02	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:02	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	74	%	26-127	1	04/14/15 00:00	04/21/15 06:02	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	5.3	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H106 **Lab ID: 60191632032** Collected: 04/09/15 09:40 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	94.9	1	04/14/15 00:00	04/21/15 06:19	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	190	1	04/14/15 00:00	04/21/15 06:19	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	94.9	1	04/14/15 00:00	04/21/15 06:19	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	94.9	1	04/14/15 00:00	04/21/15 06:19	53469-21-9	
PCB-1248 (Aroclor 1248)	127	ug/kg	94.9	1	04/14/15 00:00	04/21/15 06:19	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	94.9	1	04/14/15 00:00	04/21/15 06:19	11097-69-1	
PCB-1260 (Aroclor 1260)	117	ug/kg	94.9	1	04/14/15 00:00	04/21/15 06:19	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	74	%	26-127	1	04/14/15 00:00	04/21/15 06:19	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.4	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H107 **Lab ID: 60191632033** Collected: 04/09/15 09:45 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:37	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	199	1	04/14/15 00:00	04/21/15 06:37	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:37	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:37	53469-21-9	
PCB-1248 (Aroclor 1248)	194	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:37	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:37	11097-69-1	
PCB-1260 (Aroclor 1260)	112	ug/kg	99.4	1	04/14/15 00:00	04/21/15 06:37	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	79	%	26-127	1	04/14/15 00:00	04/21/15 06:37	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.6	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H108 **Lab ID: 60191632034** Collected: 04/09/15 09:50 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	971	10	04/14/15 00:00	04/21/15 10:47	12674-11-2	D3
PCB-1221 (Aroclor 1221)	ND	ug/kg	1940	10	04/14/15 00:00	04/21/15 10:47	11104-28-2	D3
PCB-1232 (Aroclor 1232)	ND	ug/kg	971	10	04/14/15 00:00	04/21/15 10:47	11141-16-5	D3
PCB-1242 (Aroclor 1242)	ND	ug/kg	971	10	04/14/15 00:00	04/21/15 10:47	53469-21-9	D3
PCB-1248 (Aroclor 1248)	ND	ug/kg	971	10	04/14/15 00:00	04/21/15 10:47	12672-29-6	D3
PCB-1254 (Aroclor 1254)	ND	ug/kg	971	10	04/14/15 00:00	04/21/15 10:47	11097-69-1	D3
PCB-1260 (Aroclor 1260)	ND	ug/kg	97.1	1	04/14/15 00:00	04/21/15 06:54	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	69	%	26-127	1	04/14/15 00:00	04/21/15 06:54	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.9	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H109 **Lab ID: 60191632035** Collected: 04/09/15 09:55 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	1960	20	04/14/15 00:00	04/21/15 11:04	12674-11-2	D3
PCB-1221 (Aroclor 1221)	ND	ug/kg	3930	20	04/14/15 00:00	04/21/15 11:04	11104-28-2	D3
PCB-1232 (Aroclor 1232)	ND	ug/kg	1960	20	04/14/15 00:00	04/21/15 11:04	11141-16-5	D3
PCB-1242 (Aroclor 1242)	ND	ug/kg	1960	20	04/14/15 00:00	04/21/15 11:04	53469-21-9	D3
PCB-1248 (Aroclor 1248)	ND	ug/kg	1960	20	04/14/15 00:00	04/21/15 11:04	12672-29-6	D3
PCB-1254 (Aroclor 1254)	ND	ug/kg	1960	20	04/14/15 00:00	04/21/15 11:04	11097-69-1	D3
PCB-1260 (Aroclor 1260)	168	ug/kg	98.2	1	04/14/15 00:00	04/21/15 07:12	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	61	%	26-127	1	04/14/15 00:00	04/21/15 07:12	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.5	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H110 **Lab ID: 60191632036** Collected: 04/09/15 10:00 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	95.2	1	04/14/15 00:00	04/21/15 07:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	190	1	04/14/15 00:00	04/21/15 07:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	95.2	1	04/14/15 00:00	04/21/15 07:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	95.2	1	04/14/15 00:00	04/21/15 07:29	53469-21-9	
PCB-1248 (Aroclor 1248)	153	ug/kg	95.2	1	04/14/15 00:00	04/21/15 07:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	95.2	1	04/14/15 00:00	04/21/15 07:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	95.2	1	04/14/15 00:00	04/21/15 07:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	79	%	26-127	1	04/14/15 00:00	04/21/15 07:29	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.88	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H111 **Lab ID: 60191632037** Collected: 04/09/15 10:05 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	671	20	04/15/15 00:00	04/22/15 18:06	12674-11-2	D3,M1
PCB-1221 (Aroclor 1221)	ND	ug/kg	1340	20	04/15/15 00:00	04/22/15 18:06	11104-28-2	D3
PCB-1232 (Aroclor 1232)	ND	ug/kg	671	20	04/15/15 00:00	04/22/15 18:06	11141-16-5	D3
PCB-1242 (Aroclor 1242)	ND	ug/kg	671	20	04/15/15 00:00	04/22/15 18:06	53469-21-9	D3
PCB-1248 (Aroclor 1248)	ND	ug/kg	671	20	04/15/15 00:00	04/22/15 18:06	12672-29-6	D3
PCB-1254 (Aroclor 1254)	ND	ug/kg	671	20	04/15/15 00:00	04/22/15 18:06	11097-69-1	D3
PCB-1260 (Aroclor 1260)	129	ug/kg	33.5	1	04/15/15 00:00	04/21/15 11:56	11096-82-5	M1
Surrogates								
Decachlorobiphenyl (S)	73	%	26-127	1	04/15/15 00:00	04/21/15 11:56	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.2	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H112 **Lab ID: 60191632038** Collected: 04/09/15 10:10 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	32.4	1	04/15/15 00:00	04/21/15 12:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	64.8	1	04/15/15 00:00	04/21/15 12:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.4	1	04/15/15 00:00	04/21/15 12:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.4	1	04/15/15 00:00	04/21/15 12:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	32.4	1	04/15/15 00:00	04/21/15 12:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.4	1	04/15/15 00:00	04/21/15 12:13	11097-69-1	
PCB-1260 (Aroclor 1260)	81.4	ug/kg	32.4	1	04/15/15 00:00	04/21/15 12:13	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	41	%	26-127	1	04/15/15 00:00	04/21/15 12:13	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.0	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H113 **Lab ID: 60191632039** Collected: 04/09/15 10:15 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.6	1	04/15/15 00:00	04/21/15 12:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	67.1	1	04/15/15 00:00	04/21/15 12:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.6	1	04/15/15 00:00	04/21/15 12:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.6	1	04/15/15 00:00	04/21/15 12:30	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.6	1	04/15/15 00:00	04/21/15 12:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.6	1	04/15/15 00:00	04/21/15 12:30	11097-69-1	
PCB-1260 (Aroclor 1260)	103	ug/kg	33.6	1	04/15/15 00:00	04/21/15 12:30	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	56	%	26-127	1	04/15/15 00:00	04/21/15 12:30	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.9	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H114 **Lab ID: 60191632040** Collected: 04/09/15 10:20 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 15:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.5	1	04/15/15 00:00	04/22/15 15:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 15:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 15:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 15:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 15:29	11097-69-1	
PCB-1260 (Aroclor 1260)	173	ug/kg	33.3	1	04/15/15 00:00	04/22/15 15:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	99	%	26-127	1	04/15/15 00:00	04/22/15 15:29	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H115 **Lab ID: 60191632041** Collected: 04/09/15 10:25 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.3	1	04/15/15 00:00	04/21/15 13:40	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.5	1	04/15/15 00:00	04/21/15 13:40	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/15/15 00:00	04/21/15 13:40	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/15/15 00:00	04/21/15 13:40	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.3	1	04/15/15 00:00	04/21/15 13:40	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/15/15 00:00	04/21/15 13:40	11097-69-1	
PCB-1260 (Aroclor 1260)	98.1	ug/kg	33.3	1	04/15/15 00:00	04/21/15 13:40	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	46	%	26-127	1	04/15/15 00:00	04/21/15 13:40	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.6	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H116 **Lab ID: 60191632042** Collected: 04/09/15 10:30 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.4	1	04/15/15 00:00	04/21/15 13:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.9	1	04/15/15 00:00	04/21/15 13:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.4	1	04/15/15 00:00	04/21/15 13:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.4	1	04/15/15 00:00	04/21/15 13:57	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.4	1	04/15/15 00:00	04/21/15 13:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.4	1	04/15/15 00:00	04/21/15 13:57	11097-69-1	
PCB-1260 (Aroclor 1260)	167	ug/kg	33.4	1	04/15/15 00:00	04/21/15 13:57	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	76	%	26-127	1	04/15/15 00:00	04/21/15 13:57	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H117 **Lab ID: 60191632043** Collected: 04/09/15 10:35 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	332	10	04/15/15 00:00	04/22/15 16:22	12674-11-2	D3
PCB-1221 (Aroclor 1221)	ND	ug/kg	665	10	04/15/15 00:00	04/22/15 16:22	11104-28-2	D3
PCB-1232 (Aroclor 1232)	ND	ug/kg	332	10	04/15/15 00:00	04/22/15 16:22	11141-16-5	D3
PCB-1242 (Aroclor 1242)	ND	ug/kg	332	10	04/15/15 00:00	04/22/15 16:22	53469-21-9	D3
PCB-1248 (Aroclor 1248)	ND	ug/kg	332	10	04/15/15 00:00	04/22/15 16:22	12672-29-6	D3
PCB-1254 (Aroclor 1254)	ND	ug/kg	332	10	04/15/15 00:00	04/22/15 16:22	11097-69-1	D3
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/15/15 00:00	04/21/15 14:15	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	04/15/15 00:00	04/21/15 14:15	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H118 **Lab ID: 60191632044** Collected: 04/09/15 10:40 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.1	1	04/15/15 00:00	04/21/15 14:32	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.3	1	04/15/15 00:00	04/21/15 14:32	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/15/15 00:00	04/21/15 14:32	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/15/15 00:00	04/21/15 14:32	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.1	1	04/15/15 00:00	04/21/15 14:32	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/15/15 00:00	04/21/15 14:32	11097-69-1	
PCB-1260 (Aroclor 1260)	121	ug/kg	33.1	1	04/15/15 00:00	04/21/15 14:32	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	41	%	26-127	1	04/15/15 00:00	04/21/15 14:32	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H119 **Lab ID: 60191632045** Collected: 04/09/15 10:45 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.4	1	04/15/15 00:00	04/21/15 14:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.8	1	04/15/15 00:00	04/21/15 14:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.4	1	04/15/15 00:00	04/21/15 14:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.4	1	04/15/15 00:00	04/21/15 14:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.4	1	04/15/15 00:00	04/21/15 14:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.4	1	04/15/15 00:00	04/21/15 14:49	11097-69-1	
PCB-1260 (Aroclor 1260)	58.3	ug/kg	33.4	1	04/15/15 00:00	04/21/15 14:49	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	68	%	26-127	1	04/15/15 00:00	04/21/15 14:49	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H120A **Lab ID: 60191632046** Collected: 04/09/15 10:50 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	32.9	1	04/15/15 00:00	04/22/15 15:47	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.8	1	04/15/15 00:00	04/22/15 15:47	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.9	1	04/15/15 00:00	04/22/15 15:47	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.9	1	04/15/15 00:00	04/22/15 15:47	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	32.9	1	04/15/15 00:00	04/22/15 15:47	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.9	1	04/15/15 00:00	04/22/15 15:47	11097-69-1	
PCB-1260 (Aroclor 1260)	166	ug/kg	32.9	1	04/15/15 00:00	04/22/15 15:47	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	81	%	26-127	1	04/15/15 00:00	04/22/15 15:47	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.74	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H120B **Lab ID: 60191632047** Collected: 04/09/15 10:50 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	32.7	1	04/15/15 00:00	04/22/15 16:04	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.4	1	04/15/15 00:00	04/22/15 16:04	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.7	1	04/15/15 00:00	04/22/15 16:04	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.7	1	04/15/15 00:00	04/22/15 16:04	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	32.7	1	04/15/15 00:00	04/22/15 16:04	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.7	1	04/15/15 00:00	04/22/15 16:04	11097-69-1	
PCB-1260 (Aroclor 1260)	59.1	ug/kg	32.7	1	04/15/15 00:00	04/22/15 16:04	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	45	%	26-127	1	04/15/15 00:00	04/22/15 16:04	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.65	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H121 **Lab ID: 60191632048** Collected: 04/09/15 10:55 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.2	1	04/15/15 00:00	04/21/15 15:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.4	1	04/15/15 00:00	04/21/15 15:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/15/15 00:00	04/21/15 15:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/15/15 00:00	04/21/15 15:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.2	1	04/15/15 00:00	04/21/15 15:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/15/15 00:00	04/21/15 15:42	11097-69-1	
PCB-1260 (Aroclor 1260)	171	ug/kg	33.2	1	04/15/15 00:00	04/21/15 15:42	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	65	%	26-127	1	04/15/15 00:00	04/21/15 15:42	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H122 **Lab ID: 60191632049** Collected: 04/09/15 11:00 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.7	1	04/15/15 00:00	04/22/15 05:35	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	67.4	1	04/15/15 00:00	04/22/15 05:35	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.7	1	04/15/15 00:00	04/22/15 05:35	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.7	1	04/15/15 00:00	04/22/15 05:35	53469-21-9	
PCB-1248 (Aroclor 1248)	39.8	ug/kg	33.7	1	04/15/15 00:00	04/22/15 05:35	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.7	1	04/15/15 00:00	04/22/15 05:35	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.7	1	04/15/15 00:00	04/22/15 05:35	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	1	04/15/15 00:00	04/22/15 05:35	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.1	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H123 **Lab ID: 60191632050** Collected: 04/09/15 11:05 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	34.2	1	04/15/15 00:00	04/22/15 06:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	68.5	1	04/15/15 00:00	04/22/15 06:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	34.2	1	04/15/15 00:00	04/22/15 06:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	34.2	1	04/15/15 00:00	04/22/15 06:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	34.2	1	04/15/15 00:00	04/22/15 06:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	34.2	1	04/15/15 00:00	04/22/15 06:44	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	34.2	1	04/15/15 00:00	04/22/15 06:44	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	72	%	26-127	1	04/15/15 00:00	04/22/15 06:44	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.9	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD16-H124 **Lab ID: 60191632051** Collected: 04/09/15 11:10 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:19	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	68.0	1	04/15/15 00:00	04/22/15 07:19	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:19	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:19	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:19	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:19	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:19	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	80	%	26-127	1	04/15/15 00:00	04/22/15 07:19	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.4	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD90-H101 **Lab ID: 60191632052** Collected: 04/09/15 11:15 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	67.9	1	04/15/15 00:00	04/22/15 07:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:36	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:36	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	34.0	1	04/15/15 00:00	04/22/15 07:36	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	53	%	26-127	1	04/15/15 00:00	04/22/15 07:36	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.1	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD90-H102 **Lab ID: 60191632053** Collected: 04/09/15 11:20 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 07:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.6	1	04/15/15 00:00	04/22/15 07:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 07:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 07:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 07:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 07:53	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 07:53	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	54	%	26-127	1	04/15/15 00:00	04/22/15 07:53	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.0	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD90-H103 **Lab ID: 60191632054** Collected: 04/09/15 11:25 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 08:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	67.9	1	04/15/15 00:00	04/22/15 08:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 08:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 08:11	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 08:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 08:11	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 08:11	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	72	%	26-127	1	04/15/15 00:00	04/22/15 08:11	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.3	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BD90-H104 **Lab ID: 60191632055** Collected: 04/09/15 11:30 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 09:03	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.5	1	04/15/15 00:00	04/22/15 09:03	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 09:03	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 09:03	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 09:03	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 09:03	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/15/15 00:00	04/22/15 09:03	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	66	%	26-127	1	04/15/15 00:00	04/22/15 09:03	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.8	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-OWS-H101 **Lab ID: 60191632056** Collected: 04/09/15 11:35 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.4	1	04/15/15 00:00	04/22/15 09:20	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.8	1	04/15/15 00:00	04/22/15 09:20	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.4	1	04/15/15 00:00	04/22/15 09:20	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.4	1	04/15/15 00:00	04/22/15 09:20	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.4	1	04/15/15 00:00	04/22/15 09:20	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.4	1	04/15/15 00:00	04/22/15 09:20	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.4	1	04/15/15 00:00	04/22/15 09:20	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	1	04/15/15 00:00	04/22/15 09:20	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.7	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-OWS-H102 **Lab ID: 60191632057** Collected: 04/09/15 11:40 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	341	10	04/15/15 00:00	04/22/15 16:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	681	10	04/15/15 00:00	04/22/15 16:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	341	10	04/15/15 00:00	04/22/15 16:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	341	10	04/15/15 00:00	04/22/15 16:39	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	341	10	04/15/15 00:00	04/22/15 16:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	341	10	04/15/15 00:00	04/22/15 16:39	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	341	10	04/15/15 00:00	04/22/15 16:39	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/15/15 00:00	04/22/15 16:39	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.6	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-OWS-H103 **Lab ID: 60191632058** Collected: 04/09/15 11:45 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 09:55	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	67.8	1	04/15/15 00:00	04/22/15 09:55	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 09:55	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 09:55	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 09:55	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 09:55	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.9	1	04/15/15 00:00	04/22/15 09:55	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	73	%	26-127	1	04/15/15 00:00	04/22/15 09:55	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.2	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BORS-H101 **Lab ID: 60191632059** Collected: 04/09/15 13:30 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:12	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	68.9	1	04/15/15 00:00	04/22/15 10:12	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:12	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:12	53469-21-9	
PCB-1248 (Aroclor 1248)	277	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:12	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:12	11097-69-1	
PCB-1260 (Aroclor 1260)	35.8	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:12	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	62	%	26-127	1	04/15/15 00:00	04/22/15 10:12	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	4.3	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BORS-H102 **Lab ID: 60191632060** Collected: 04/09/15 13:35 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	68.8	1	04/15/15 00:00	04/22/15 10:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:29	53469-21-9	
PCB-1248 (Aroclor 1248)	170	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	34.4	1	04/15/15 00:00	04/22/15 10:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	76	%	26-127	1	04/15/15 00:00	04/22/15 10:29	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	5.3	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BP1R-H101 **Lab ID: 60191632061** Collected: 04/09/15 14:00 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	98.2	1	04/16/15 00:00	04/23/15 22:56	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	196	1	04/16/15 00:00	04/23/15 22:56	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	98.2	1	04/16/15 00:00	04/23/15 22:56	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	98.2	1	04/16/15 00:00	04/23/15 22:56	53469-21-9	
PCB-1248 (Aroclor 1248)	462	ug/kg	98.2	1	04/16/15 00:00	04/23/15 22:56	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	98.2	1	04/16/15 00:00	04/23/15 22:56	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	98.2	1	04/16/15 00:00	04/23/15 22:56	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	73	%	26-127	1	04/16/15 00:00	04/23/15 22:56	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.6	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BP1R-H102 **Lab ID: 60191632062** Collected: 04/09/15 14:05 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	93.1	1	04/16/15 00:00	04/23/15 23:14	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	186	1	04/16/15 00:00	04/23/15 23:14	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	93.1	1	04/16/15 00:00	04/23/15 23:14	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	93.1	1	04/16/15 00:00	04/23/15 23:14	53469-21-9	
PCB-1248 (Aroclor 1248)	561	ug/kg	93.1	1	04/16/15 00:00	04/23/15 23:14	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	93.1	1	04/16/15 00:00	04/23/15 23:14	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	93.1	1	04/16/15 00:00	04/23/15 23:14	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	04/16/15 00:00	04/23/15 23:14	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.59	%	0.50	1		04/15/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191632

Sample: BFC-BP1R-H103 **Lab ID: 60191632063** Collected: 04/09/15 14:10 Received: 04/09/15 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB SW		Analytical Method: EPA 8082 Preparation Method: EPA 3546						
PCB-1016 (Aroclor 1016)	ND	ug/kg	99.5	1	04/16/15 00:00	04/23/15 23:31	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	199	1	04/16/15 00:00	04/23/15 23:31	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	99.5	1	04/16/15 00:00	04/23/15 23:31	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	99.5	1	04/16/15 00:00	04/23/15 23:31	53469-21-9	
PCB-1248 (Aroclor 1248)	473	ug/kg	99.5	1	04/16/15 00:00	04/23/15 23:31	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	99.5	1	04/16/15 00:00	04/23/15 23:31	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	99.5	1	04/16/15 00:00	04/23/15 23:31	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	76	%	26-127	1	04/16/15 00:00	04/23/15 23:31	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.59	%	0.50	1		04/15/15 00:00		

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191632

QC Batch: OEXT/48919 Analysis Method: EPA 8082
 QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
 Associated Lab Samples: 60191632013, 60191632014, 60191632015, 60191632016, 60191632017, 60191632018, 60191632019,
 60191632020, 60191632021, 60191632022, 60191632023, 60191632024

METHOD BLANK: 1548768 Matrix: Solid
 Associated Lab Samples: 60191632013, 60191632014, 60191632015, 60191632016, 60191632017, 60191632018, 60191632019,
 60191632020, 60191632021, 60191632022, 60191632023, 60191632024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.8	04/14/15 20:53	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.7	04/14/15 20:53	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.8	04/14/15 20:53	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.8	04/14/15 20:53	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.8	04/14/15 20:53	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.8	04/14/15 20:53	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.8	04/14/15 20:53	
Decachlorobiphenyl (S)	%	84	26-127	04/14/15 20:53	

LABORATORY CONTROL SAMPLE: 1548769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	151	91	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	166	159	95	69-126	
Decachlorobiphenyl (S)	%			84	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548770 1548771

Parameter	Units	60191632013 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	168	168	196	173	116	103	12-190	12	31	
PCB-1260 (Aroclor 1260)	ug/kg	ND	168	168	153	148	91	88	23-145	3	28	
Decachlorobiphenyl (S)	%						51	47	26-127			

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191632

QC Batch:	OEXT/48934	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
Associated Lab Samples:	60191632025, 60191632026, 60191632027, 60191632028, 60191632029, 60191632030, 60191632031, 60191632032, 60191632033, 60191632034, 60191632035, 60191632036		

METHOD BLANK:	1549475	Matrix:	Solid
Associated Lab Samples:	60191632025, 60191632026, 60191632027, 60191632028, 60191632029, 60191632030, 60191632031, 60191632032, 60191632033, 60191632034, 60191632035, 60191632036		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.7	04/21/15 01:25	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.4	04/21/15 01:25	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.7	04/21/15 01:25	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.7	04/21/15 01:25	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.7	04/21/15 01:25	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.7	04/21/15 01:25	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.7	04/21/15 01:25	
Decachlorobiphenyl (S)	%	101	26-127	04/21/15 01:25	

LABORATORY CONTROL SAMPLE: 1549476

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	165	153	93	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	165	160	97	69-126	
Decachlorobiphenyl (S)	%			145	26-127	S0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1549477 1549478

Parameter	Units	60191632025 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Spike Conc.	MSD Spike Conc.	MS Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	474	449	466	437	98	97	12-190	6	31	
PCB-1260 (Aroclor 1260)	ug/kg	ND	474	449	464	419	98	93	23-145	10	28	
Decachlorobiphenyl (S)	%						73	75	26-127			

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191632

QC Batch:	OEXT/48943	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
Associated Lab Samples:	60191632037, 60191632038, 60191632039, 60191632040, 60191632041, 60191632042, 60191632043, 60191632044, 60191632045, 60191632046, 60191632047, 60191632048		

METHOD BLANK:	1549699	Matrix:	Solid
Associated Lab Samples:	60191632037, 60191632038, 60191632039, 60191632040, 60191632041, 60191632042, 60191632043, 60191632044, 60191632045, 60191632046, 60191632047, 60191632048		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.8	04/21/15 01:59	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.5	04/21/15 01:59	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.8	04/21/15 01:59	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.8	04/21/15 01:59	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.8	04/21/15 01:59	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.8	04/21/15 01:59	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.8	04/21/15 01:59	
Decachlorobiphenyl (S)	%	56	26-127	04/21/15 01:59	

LABORATORY CONTROL SAMPLE: 1549700

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	165	184	111	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	165	191	115	69-126	
Decachlorobiphenyl (S)	%			97	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1549701 1549702

Parameter	Units	60191632037		60191632048		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
PCB-1016 (Aroclor 1016)	ug/kg	ND	170	165	4170	4730	2462	2875	12-190	13	31 M1
PCB-1260 (Aroclor 1260)	ug/kg	129	170	165	141	150	7	13	23-145	6	28 M1
Decachlorobiphenyl (S)	%						47	48	26-127		

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191632

QC Batch: OEXT/48951 Analysis Method: EPA 8082
 QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
 Associated Lab Samples: 60191632049, 60191632050, 60191632051, 60191632052, 60191632053, 60191632054, 60191632055, 60191632056, 60191632057, 60191632058, 60191632059, 60191632060

METHOD BLANK: 1550181 Matrix: Solid
 Associated Lab Samples: 60191632049, 60191632050, 60191632051, 60191632052, 60191632053, 60191632054, 60191632055, 60191632056, 60191632057, 60191632058, 60191632059, 60191632060

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.8	04/21/15 17:08	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.6	04/21/15 17:08	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.8	04/21/15 17:08	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.8	04/21/15 17:08	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.8	04/21/15 17:08	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.8	04/21/15 17:08	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.8	04/21/15 17:08	
Decachlorobiphenyl (S)	%	84	26-127	04/21/15 17:08	

LABORATORY CONTROL SAMPLE: 1550182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	167	100	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	166	174	105	69-126	
Decachlorobiphenyl (S)	%			86	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550183 1550184

Parameter	Units	60191632049 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	170	170	180	176	106	104	12-190	3	31	
PCB-1260 (Aroclor 1260)	ug/kg	ND	170	170	159	156	85	83	23-145	2	28	
Decachlorobiphenyl (S)	%						64	67	26-127			

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60191632

QC Batch: OEXT/48959 Analysis Method: EPA 8082
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 60191632061, 60191632062, 60191632063

METHOD BLANK: 1550463 Matrix: Solid
Associated Lab Samples: 60191632061, 60191632062, 60191632063

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	04/23/15 20:03	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.2	04/23/15 20:03	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	04/23/15 20:03	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	04/23/15 20:03	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	04/23/15 20:03	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	04/23/15 20:03	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	04/23/15 20:03	
Decachlorobiphenyl (S)	%	77	26-127	04/23/15 20:03	

LABORATORY CONTROL SAMPLE: 1550464

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	163	144	89	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	163	148	91	69-126	
Decachlorobiphenyl (S)	%			82	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550465 1550466

Parameter	Units	60191632061		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
PCB-1016 (Aroclor 1016)	ug/kg	ND	489	497	727	670	149	135	12-190	8	31		
PCB-1260 (Aroclor 1260)	ug/kg	ND	489	497	463	458	87	85	23-145	1	28		
Decachlorobiphenyl (S)	%						75	74	26-127				

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191632

QC Batch: OEXT/49017 Analysis Method: EPA 8082
 QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
 Associated Lab Samples: 60191632001, 60191632002, 60191632003, 60191632004, 60191632005, 60191632006, 60191632007, 60191632008, 60191632009, 60191632010, 60191632011, 60191632012

METHOD BLANK: 1553055 Matrix: Solid
 Associated Lab Samples: 60191632001, 60191632002, 60191632003, 60191632004, 60191632005, 60191632006, 60191632007, 60191632008, 60191632009, 60191632010, 60191632011, 60191632012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.9	04/21/15 16:51	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.9	04/21/15 16:51	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.9	04/21/15 16:51	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.9	04/21/15 16:51	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.9	04/21/15 16:51	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.9	04/21/15 16:51	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.9	04/21/15 16:51	
Decachlorobiphenyl (S)	%	85	26-127	04/21/15 16:51	

LABORATORY CONTROL SAMPLE: 1553056

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	164	158	96	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	164	166	101	69-126	
Decachlorobiphenyl (S)	%			84	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1553057 1553058

Parameter	Units	60191632002 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	168	168	124	161	74	96	12-190	26	31	
PCB-1260 (Aroclor 1260)	ug/kg	ND	168	168	119	155	71	92	23-145	27	28	
Decachlorobiphenyl (S)	%						42	39	26-127			

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191632

QC Batch: PMST/10634

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 60191632001, 60191632002, 60191632003, 60191632004, 60191632005, 60191632006

METHOD BLANK: 1548597

Matrix: Solid

Associated Lab Samples: 60191632001, 60191632002, 60191632003, 60191632004, 60191632005, 60191632006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/13/15 00:00	

SAMPLE DUPLICATE: 1548598

Parameter	Units	60191613004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.8	16.6	1	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191632

QC Batch:	PMST/10635	Analysis Method:	ASTM D2974
QC Batch Method:	ASTM D2974	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	60191632007, 60191632008, 60191632009, 60191632010, 60191632011, 60191632012, 60191632013, 60191632014, 60191632015, 60191632016, 60191632017, 60191632018, 60191632019, 60191632020, 60191632021, 60191632022, 60191632023, 60191632024, 60191632025, 60191632026		

METHOD BLANK:	1548604	Matrix:	Solid
Associated Lab Samples:	60191632007, 60191632008, 60191632009, 60191632010, 60191632011, 60191632012, 60191632013, 60191632014, 60191632015, 60191632016, 60191632017, 60191632018, 60191632019, 60191632020, 60191632021, 60191632022, 60191632023, 60191632024, 60191632025, 60191632026		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/13/15 00:00	

SAMPLE DUPLICATE: 1548605

Parameter	Units	60191632007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	1.7	1.5	12	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191632

QC Batch:	PMST/10640	Analysis Method:	ASTM D2974
QC Batch Method:	ASTM D2974	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	60191632027, 60191632028, 60191632029, 60191632030, 60191632031, 60191632032, 60191632033, 60191632034, 60191632035, 60191632036, 60191632037, 60191632038, 60191632039		

METHOD BLANK:	1549707	Matrix:	Solid
Associated Lab Samples:	60191632027, 60191632028, 60191632029, 60191632030, 60191632031, 60191632032, 60191632033, 60191632034, 60191632035, 60191632036, 60191632037, 60191632038, 60191632039		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/15/15 00:00	

SAMPLE DUPLICATE: 1549708

Parameter	Units	60191368001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.1	18.3	1	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191632

QC Batch: PMST/10641

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 60191632040, 60191632041, 60191632042, 60191632043, 60191632044, 60191632045, 60191632046,
60191632047, 60191632048, 60191632049, 60191632050, 60191632051, 60191632052, 60191632053,
60191632054, 60191632055, 60191632056, 60191632057, 60191632058, 60191632059

METHOD BLANK: 1549709

Matrix: Solid

Associated Lab Samples: 60191632040, 60191632041, 60191632042, 60191632043, 60191632044, 60191632045, 60191632046,
60191632047, 60191632048, 60191632049, 60191632050, 60191632051, 60191632052, 60191632053,
60191632054, 60191632055, 60191632056, 60191632057, 60191632058, 60191632059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/15/15 00:00	

SAMPLE DUPLICATE: 1549710

Parameter	Units	60191632040 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	1.3	1.3	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60191632

QC Batch: PMST/10642 Analysis Method: ASTM D2974
 QC Batch Method: ASTM D2974 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 60191632060, 60191632061, 60191632062, 60191632063

METHOD BLANK: 1549935 Matrix: Solid
 Associated Lab Samples: 60191632060, 60191632061, 60191632062, 60191632063

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/15/15 00:00	

SAMPLE DUPLICATE: 1549936

Parameter	Units	60191632060 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.3	5.3	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Bannister IL1561

Pace Project No.: 60191632

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

S0 Surrogate recovery outside laboratory control limits.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60191632

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60191632001	BFC-D37B-H111	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632002	BFC-D37B-H112	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632003	BFC-D37B-H113	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632004	BFC-D37B-H114	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632005	BFC-D37B-H115	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632006	BFC-D37B-H116	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632007	BFC-D37B-H117	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632008	BFC-D37B-H118	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632009	BFC-D37B-H119	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632010	BFC-D37B-H120A	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632011	BFC-D37B-H120B	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632012	BFC-D37B-H121	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60191632013	BFC-D37B-H122	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632014	BFC-D37B-H123	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632015	BFC-D37B-H124	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632016	BFC-D37B-H125	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632017	BFC-D37B-H126	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632018	BFC-D37B-H127	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632019	BFC-D37B-H128	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632020	BFC-D37B-H129	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632021	BFC-D37B-H130	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632022	BFC-D37B-H131	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632023	BFC-D37B-H132	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632024	BFC-D37B-H133	EPA 3546	OEXT/48919	EPA 8082	GCSV/18745
60191632025	BFC-D37B-H134	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632026	BFC-D37B-H135	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632027	BFC-BD16-H101	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632028	BFC-BD16-H102	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632029	BFC-BD16-H103	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632030	BFC-BD16-H104	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632031	BFC-BD16-H105	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632032	BFC-BD16-H106	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632033	BFC-BD16-H107	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632034	BFC-BD16-H108	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632035	BFC-BD16-H109	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632036	BFC-BD16-H110	EPA 3546	OEXT/48934	EPA 8082	GCSV/18775
60191632037	BFC-BD16-H111	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632038	BFC-BD16-H112	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632039	BFC-BD16-H113	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632040	BFC-BD16-H114	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632041	BFC-BD16-H115	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632042	BFC-BD16-H116	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632043	BFC-BD16-H117	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632044	BFC-BD16-H118	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632045	BFC-BD16-H119	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632046	BFC-BD16-H120A	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632047	BFC-BD16-H120B	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60191632

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60191632048	BFC-BD16-H121	EPA 3546	OEXT/48943	EPA 8082	GCSV/18776
60191632049	BFC-BD16-H122	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632050	BFC-BD16-H123	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632051	BFC-BD16-H124	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632052	BFC-BD90-H101	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632053	BFC-BD90-H102	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632054	BFC-BD90-H103	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632055	BFC-BD90-H104	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632056	BFC-OWS-H101	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632057	BFC-OWS-H102	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632058	BFC-OWS-H103	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632059	BFC-BORS-H101	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632060	BFC-BORS-H102	EPA 3546	OEXT/48951	EPA 8082	GCSV/18781
60191632061	BFC-BP1R-H101	EPA 3546	OEXT/48959	EPA 8082	GCSV/18792
60191632062	BFC-BP1R-H102	EPA 3546	OEXT/48959	EPA 8082	GCSV/18792
60191632063	BFC-BP1R-H103	EPA 3546	OEXT/48959	EPA 8082	GCSV/18792
60191632001	BFC-D37B-H111	ASTM D2974	PMST/10634		
60191632002	BFC-D37B-H112	ASTM D2974	PMST/10634		
60191632003	BFC-D37B-H113	ASTM D2974	PMST/10634		
60191632004	BFC-D37B-H114	ASTM D2974	PMST/10634		
60191632005	BFC-D37B-H115	ASTM D2974	PMST/10634		
60191632006	BFC-D37B-H116	ASTM D2974	PMST/10634		
60191632007	BFC-D37B-H117	ASTM D2974	PMST/10635		
60191632008	BFC-D37B-H118	ASTM D2974	PMST/10635		
60191632009	BFC-D37B-H119	ASTM D2974	PMST/10635		
60191632010	BFC-D37B-H120A	ASTM D2974	PMST/10635		
60191632011	BFC-D37B-H120B	ASTM D2974	PMST/10635		
60191632012	BFC-D37B-H121	ASTM D2974	PMST/10635		
60191632013	BFC-D37B-H122	ASTM D2974	PMST/10635		
60191632014	BFC-D37B-H123	ASTM D2974	PMST/10635		
60191632015	BFC-D37B-H124	ASTM D2974	PMST/10635		
60191632016	BFC-D37B-H125	ASTM D2974	PMST/10635		
60191632017	BFC-D37B-H126	ASTM D2974	PMST/10635		
60191632018	BFC-D37B-H127	ASTM D2974	PMST/10635		
60191632019	BFC-D37B-H128	ASTM D2974	PMST/10635		
60191632020	BFC-D37B-H129	ASTM D2974	PMST/10635		
60191632021	BFC-D37B-H130	ASTM D2974	PMST/10635		
60191632022	BFC-D37B-H131	ASTM D2974	PMST/10635		
60191632023	BFC-D37B-H132	ASTM D2974	PMST/10635		
60191632024	BFC-D37B-H133	ASTM D2974	PMST/10635		
60191632025	BFC-D37B-H134	ASTM D2974	PMST/10635		
60191632026	BFC-D37B-H135	ASTM D2974	PMST/10635		
60191632027	BFC-BD16-H101	ASTM D2974	PMST/10640		
60191632028	BFC-BD16-H102	ASTM D2974	PMST/10640		
60191632029	BFC-BD16-H103	ASTM D2974	PMST/10640		
60191632030	BFC-BD16-H104	ASTM D2974	PMST/10640		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60191632

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60191632031	BFC-BD16-H105	ASTM D2974	PMST/10640		
60191632032	BFC-BD16-H106	ASTM D2974	PMST/10640		
60191632033	BFC-BD16-H107	ASTM D2974	PMST/10640		
60191632034	BFC-BD16-H108	ASTM D2974	PMST/10640		
60191632035	BFC-BD16-H109	ASTM D2974	PMST/10640		
60191632036	BFC-BD16-H110	ASTM D2974	PMST/10640		
60191632037	BFC-BD16-H111	ASTM D2974	PMST/10640		
60191632038	BFC-BD16-H112	ASTM D2974	PMST/10640		
60191632039	BFC-BD16-H113	ASTM D2974	PMST/10640		
60191632040	BFC-BD16-H114	ASTM D2974	PMST/10641		
60191632041	BFC-BD16-H115	ASTM D2974	PMST/10641		
60191632042	BFC-BD16-H116	ASTM D2974	PMST/10641		
60191632043	BFC-BD16-H117	ASTM D2974	PMST/10641		
60191632044	BFC-BD16-H118	ASTM D2974	PMST/10641		
60191632045	BFC-BD16-H119	ASTM D2974	PMST/10641		
60191632046	BFC-BD16-H120A	ASTM D2974	PMST/10641		
60191632047	BFC-BD16-H120B	ASTM D2974	PMST/10641		
60191632048	BFC-BD16-H121	ASTM D2974	PMST/10641		
60191632049	BFC-BD16-H122	ASTM D2974	PMST/10641		
60191632050	BFC-BD16-H123	ASTM D2974	PMST/10641		
60191632051	BFC-BD16-H124	ASTM D2974	PMST/10641		
60191632052	BFC-BD90-H101	ASTM D2974	PMST/10641		
60191632053	BFC-BD90-H102	ASTM D2974	PMST/10641		
60191632054	BFC-BD90-H103	ASTM D2974	PMST/10641		
60191632055	BFC-BD90-H104	ASTM D2974	PMST/10641		
60191632056	BFC-OWS-H101	ASTM D2974	PMST/10641		
60191632057	BFC-OWS-H102	ASTM D2974	PMST/10641		
60191632058	BFC-OWS-H103	ASTM D2974	PMST/10641		
60191632059	BFC-BORS-H101	ASTM D2974	PMST/10641		
60191632060	BFC-BORS-H102	ASTM D2974	PMST/10642		
60191632061	BFC-BP1R-H101	ASTM D2974	PMST/10642		
60191632062	BFC-BP1R-H102	ASTM D2974	PMST/10642		
60191632063	BFC-BP1R-H103	ASTM D2974	PMST/10642		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60191632

60191632

Client Name: Brandenburg Ind. Serv. Co.

Courier: FedEx UPS VIA Clay PEX ECI Pace Other Client

Tracking #: _____ Pace Shipping Label Used? Yes No

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Other

Thermometer Used: CF-0.1 T-239 / CF-1.8 T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 1.3
Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: SB 4/9/15

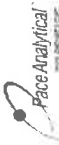
Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses <u>y</u> Matrix: <u>SL</u>		13.
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Exceptions: VOA, Coliform, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
Trip Blank present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased):		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	17. List State:

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A		Section B		Section C																																
Required Client Information:		Required Project Information:		Invoice Information:																																
Company: Brandenburg Industrial Service Co. Address: 2625 S. Loomis St. Chicago, IL 60608		Report To: Nick Rojas Copy To: Purchase Order #: 506548 Project Name: Bannister Project #: IL1561		Attention: Bryan Roberson/Accounts Payable Company Name: Brandenburg Industrial Service Co. Address: 2625 S. Loomis St. Chicago, IL 60608 Pace Quote: 18296 Pace Project Manager: Alice Flanagan, 913-563-1409 Pace Profile #: 8372																																
Email: rolnic@brandenburg.com Phone: 312-405-0704 Requested Due Date: <u>5/19/15</u>		Matrix Code (see valid codes to left)		Regulatory Agency State / Location MO																																
ITEM #	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		Requested Analysis Filtered (Y/N)																															
			START DATE	END DATE	Residual Chlorine (Y/N)	Flashpoint	B260 VOCs full list	TCLP VOCs	TCLP SVOCs	TCLP Metals	Spec Gravity	B270 SVOC	pH, % moisture	Metals-Total Be	Reactives	PCBs by 8082	Y/N	Preservatives	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other										
1	BFC-D37B-H111		5/9/15 7:00	5/9/15 7:05	W6FU																														60191632	601
2	BFC-D37B-H112		5/9/15 7:10	5/9/15 7:15																															602	
3	BFC-D37B-H113		5/9/15 7:15	5/9/15 7:20																															603	
4	BFC-D37B-H114		5/9/15 7:20	5/9/15 7:25																															604	
5	BFC-D37B-H115		5/9/15 7:30	5/9/15 7:35																															605	
6	BFC-D37B-H116		5/9/15 7:35	5/9/15 7:40																															606	
7	BFC-D37B-H117		5/9/15 7:40	5/9/15 7:45																															607	
8	BFC-D37B-H118		5/9/15 7:45	5/9/15 7:50																															608	
9	BFC-D37B-H119		5/9/15 7:50	5/9/15 7:55																															609	
10	BFC-D37B-H120A		5/9/15 7:55	5/9/15 8:00																															610	
11	BFC-D37B-H120B		5/9/15 7:55	5/9/15 8:00																															611	
12	BFC-D37B-H121		5/9/15 8:00	5/9/15 8:05																															612	
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			TEMP in C	Received on	Custody	Sealed	Cooler	(Y/N)	Interact	(Y/N)															
6012					Nick Rojas	5/9/15	8:31	Nick Rojas	5/9	6:05	Y	Y	Y	1.3	Y	Y	Y	Y	Y	Y	Y															
SAMPLER NAME AND SIGNATURE					PRINT Name of SAMPLER:			DATE Signed:																												
					NICK ROJAS			5/9/15																												



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company: Brandenburg Industrial Service Co.	Report To: Nick Rojas	Attention: <i>Bryan Kobler</i>	Company Name: <i>Brandenburg</i>	Regulatory Agency	
Address: 2625 S. Loomis St.	Copy To:	Address: <i>2625 S. Loomis St Chicago IL 60618</i>		State / Location	
Chicago, IL 60608	Purchase Order #: <i>50684X</i>	Pace Quote: <i>18296</i>		MO	
Email: <i>randi@brandenburg.com</i>	Project Name: Brandenburg Barnmaster	Pace Project Manager: <i>alice.flanagan@pacelabs.com</i>			
Phone: <i>708.410.0141</i> (Fax)	Project #: <i>11518</i>	Pace Profile #: <i>8372</i>			
Requested Due Date: <i>STANDARD</i>					

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)
			START DATE	END DATE				PCBs by 8082	Reactives	Metals-Total Be	pH/percent moisture	8270 SVOC	Specific Gravity	TCLP Metals/SVOCs	TCLP VOCs 8260	8260 VOCs Full List	PCBs by 8082	Flashpoint		
1	BFC-0303-H134	Drinking Water	4/9/15	9:00	G		1												WGFL	005
2	BFC-0303-H135	Drinking Water	4/9/15	9:05	G		1													006
3	BFC-0303-H101	Drinking Water	4/9/15	9:10	G		1													007
4	BFC-0303-H102	Drinking Water	4/9/15	9:15	G		1													008
5	BFC-0303-H103	Drinking Water	4/9/15	9:20	G		1													009
6	BFC-0303-H104	Drinking Water	4/9/15	9:25	G		1													010
7	BFC-0303-H105	Drinking Water	4/9/15	9:30	G		1													011
8	BFC-0303-H106	Drinking Water	4/9/15	9:35	G		1													012
9	BFC-0303-H107	Drinking Water	4/9/15	9:40	G		1													013
10	BFC-0303-H108	Drinking Water	4/9/15	9:45	G		1													014
11	BFC-0303-H109	Drinking Water	4/9/15	9:50	G		1													015
12	BFC-0303-H110	Drinking Water	4/9/15	9:55	G		1													016

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
<i>[Signature]</i>	4/9/15	3:37	<i>[Signature]</i>	4/9/15	3:57	Y
<i>[Signature]</i>	4/9/15	16:05	<i>[Signature]</i>	4/9/15	16:05	Y

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER: <i>Nick Rojas</i>	DATE Signed: <i>4/9/15</i>
SIGNATURE of SAMPLER: <i>[Signature]</i>	



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

ITEM #	MATRIX CODE	COLLECTED				SAMPLE TYPE (G=GRAB C=COMP)	SAMPLER TEMP AT COLLECTION		# OF CONTAINERS	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	SAMPLE CONDITIONS															
		START		END			DATE	TIME		Preservatives					Reactive	Metals-Total Be	pH/percent moisture	Specific Gravity	TCLP Metals/SVOCs		TCLP VOCs 8260	B260 VOCs Full List	PCBs by 8082	Flashpoint	Custody (Y/N)	Sealed Cooler (Y/N)	Received on Ice (Y/N)	Samples Intact (Y/N)								
		DATE	TIME	DATE	TIME					Unpreserved	H2SO4	HNO3	HCl	NaOH															Na2S2O3	Methanol	Other					
MATRIX CODE (see valid codes to left)		DATE TIME				DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME									
1	BE - BD16 - H111	10:00	10:10	4/9/15	4/9/15	G	4/9/15	3:31	4/9/15	16:05														Y		Y			Y		1.3					
2	BE - BD16 - H112	10:10	10:20			G	10:10																													
3	BE - BD16 - H113	10:10	10:20			G	10:10																													
4	BE - BD16 - H114	10:15	10:25			G	10:15																													
5	BE - BD16 - H115	10:20	10:30			G	10:20																													
6	BE - BD16 - H116	10:25	10:35			G	10:25																													
7	BE - BD16 - H117	10:30	10:40			G	10:30																													
8	BE - BD16 - H118	10:35	10:45			G	10:35																													
9	BE - BD16 - H119	10:40	10:50			G	10:40																													
10	BE - BD16 - H120A	10:45	10:55			G	10:45																													
11	BE - BD16 - H120B	10:45	10:55			G	10:45																													
12	BE - BD16 - H121	10:50	10:55			G	10:50																													

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
<i>[Signature]</i>	4/9/15	3:31	<i>[Signature]</i>	4/9/15	3:31
<i>[Signature]</i>			<i>[Signature]</i>	4/9/15	16:05

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER:	NICK ROJE
SIGNATURE of SAMPLER:	<i>[Signature]</i>
DATE Signed: 4/9/15	



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:
 Company: Brandenburg Industrial Service Co.
 Address: 2625 S. Loomis St.
 Chicago, IL 60608
 Email: roinic@brandenburg.com
 Phone: 312-405-0704
 Requested Due Date: standard

Section B
Required Project Information:
 Report To: Nick Rojas
 Copy To:
 Purchase Order #: 506848
 Project Name: Bannister
 Project #: IL1561

Section C
Invoice Information:
 Attention: Byron Roberson/Accounts Payable
 Company Name: Brandenburg Industrial Service Co.
 Address: 2625 S. Loomis St. Chicago, IL 60608
 Pace Quote: 18296
 Pace Project Manager: Alice Flanagan, 913-563-1409
 Pace Profile #: 8372

Regulatory Agency
 MO

#	ITEM	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	PRESERVATIVES		ANALYSES TEST Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	TEMP in C	Received on Ice (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)	
				START DATE	END DATE			UNPRESERVED	H2SO4									HNO3
1	BSFC-BD16-H122	Drinking Water	DW	4/9/15	11:00													
2	BSFC-BD16-H123	Waste Water	WW	4/9/15	11:05													
3	BSFC-BD16-H124	Product	P	4/9/15	11:10													
4	BSFC-BD90-H101	Soil/Solid	SL	4/9/15	11:15													
5	BSFC-BD90-H102	Oil	OL	4/9/15	11:20													
6	BSFC-BD90-H103	Air	AR	4/9/15	11:25													
7	BSFC-BD90-H104	Wipe	WP	4/9/15	11:30													
8	BSFC-OWS-H101	Other	OT	4/9/15	11:35													
9	BSFC-OWS-H102	Tissue	TS	4/9/15	11:40													
10	BSFC-OWS-H103			4/9/15	11:45													
11	BSFC-BORS-H101			4/9/15	1:30													
12	BSFC-BORS-H102			4/9/15	1:35													
ADDITIONAL COMMENTS																		
						RELINQUISHED BY / AFFILIATION		DATE		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS		
								4/9/15 3:31		Nick Rojas		4/9/15 16:05		1.3		Y		
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: <u>Nick Rojas</u> SIGNATURE of SAMPLER: <u>[Signature]</u> DATE Signed: <u>4/9/15</u>																		

April 24, 2015

Nick Rojas
Brandenburg Industrial Service Co.
2625 S. Loomis St
Chicago, IL 60608

RE: Project: Bannister IL 1561
Pace Project No.: 60191670

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 10, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Alice Flanagan
alice.flanagan@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Bannister IL 1561

Pace Project No.: 60191670

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL 1561

Pace Project No.: 60191670

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60191670001	BFC-D93-H101	Solid	04/10/15 06:15	04/10/15 15:55
60191670002	BFC-D93-H102	Solid	04/10/15 06:20	04/10/15 15:55
60191670003	BFC-D93-H103	Solid	04/10/15 06:25	04/10/15 15:55
60191670004	BFC-D93-H104	Solid	04/10/15 06:30	04/10/15 15:55
60191670005	BFC-D93-H105	Solid	04/10/15 06:35	04/10/15 15:55
60191670006	BFC-D93-H106	Solid	04/10/15 06:40	04/10/15 15:55
60191670007	BFC-D93-H107	Solid	04/10/15 06:45	04/10/15 15:55
60191670008	BFC-D93-H108	Solid	04/10/15 06:50	04/10/15 15:55
60191670009	BFC-D93-H109	Solid	04/10/15 06:55	04/10/15 15:55
60191670010	BFC-D93-H110	Solid	04/10/15 07:00	04/10/15 15:55
60191670011	BFC-D93-H111	Solid	04/10/15 07:05	04/10/15 15:55
60191670012	BFC-D93-H112	Solid	04/10/15 07:10	04/10/15 15:55
60191670013	BFC-D93-H113	Solid	04/10/15 07:15	04/10/15 15:55
60191670014	BFC-D93-H114	Solid	04/10/15 07:20	04/10/15 15:55
60191670015	BFC-D93-H115	Solid	04/10/15 07:25	04/10/15 15:55
60191670016	BFC-D93-H116	Solid	04/10/15 07:30	04/10/15 15:55
60191670017	BFC-D93-H117	Solid	04/10/15 07:35	04/10/15 15:55
60191670018	BFC-D93-H118	Solid	04/10/15 07:40	04/10/15 15:55
60191670019	BFC-D93-H119	Solid	04/10/15 07:45	04/10/15 15:55
60191670020	BFC-D93-H120A	Solid	04/10/15 07:50	04/10/15 15:55
60191670021	BFC-D93-H120B	Solid	04/10/15 07:55	04/10/15 15:55
60191670022	BFC-D93-H121	Solid	04/10/15 08:00	04/10/15 15:55
60191670023	BFC-D93-H122	Solid	04/10/15 08:05	04/10/15 15:55
60191670024	BFC-D93-H123	Solid	04/10/15 08:10	04/10/15 15:55
60191670025	BFC-D93-H124	Solid	04/10/15 08:15	04/10/15 15:55
60191670026	BFC-D93-H125	Solid	04/10/15 08:20	04/10/15 15:55
60191670027	BFC-D93-H126	Solid	04/10/15 08:25	04/10/15 15:55
60191670028	BFC-D93-H127	Solid	04/10/15 08:30	04/10/15 15:55
60191670029	BFC-D93-H128	Solid	04/10/15 08:35	04/10/15 15:55
60191670030	BFC-D93-H129	Solid	04/10/15 08:40	04/10/15 15:55
60191670031	BFC-D93-H130	Solid	04/10/15 08:45	04/10/15 15:55
60191670032	BFC-D93-H131	Solid	04/10/15 08:50	04/10/15 15:55
60191670033	BFC-D93-H132	Solid	04/10/15 08:55	04/10/15 15:55
60191670034	BFC-D93-H133	Solid	04/10/15 09:00	04/10/15 15:55
60191670035	BFC-D93-H134	Solid	04/10/15 09:05	04/10/15 15:55
60191670036	BFC-D93-H135	Solid	04/10/15 09:10	04/10/15 15:55
60191670037	BFC-D93-H136	Solid	04/10/15 09:15	04/10/15 15:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL 1561

Pace Project No.: 60191670

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60191670038	BFC-D93-H137	Solid	04/10/15 09:20	04/10/15 15:55
60191670039	BFC-D93-H138	Solid	04/10/15 09:25	04/10/15 15:55
60191670040	BFC-D93-H139	Solid	04/10/15 09:30	04/10/15 15:55
60191670041	BFC-D93-H140A	Solid	04/10/15 09:35	04/10/15 15:55
60191670042	BFC-D93-H140B	Solid	04/10/15 09:35	04/10/15 15:55
60191670043	BFC-D93-H141	Solid	04/10/15 09:45	04/10/15 15:55
60191670044	BFC-D93-H142	Solid	04/10/15 10:00	04/10/15 15:55
60191670045	BFC-D93-H143	Solid	04/10/15 10:10	04/10/15 15:55
60191670046	BFC-D93-H144	Solid	04/10/15 10:15	04/10/15 15:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60191670

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60191670001	BFC-D93-H101	EPA 6010	NDJ	1
		EPA 6010	JGP, NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670002	BFC-D93-H102	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670003	BFC-D93-H103	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670004	BFC-D93-H104	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670005	BFC-D93-H105	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670006	BFC-D93-H106	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670007	BFC-D93-H107	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670008	BFC-D93-H108	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670009	BFC-D93-H109	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670010	BFC-D93-H110	EPA 6010	NDJ	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60191670

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670011	BFC-D93-H111	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670012	BFC-D93-H112	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670013	BFC-D93-H113	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670014	BFC-D93-H114	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670015	BFC-D93-H115	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670016	BFC-D93-H116	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670017	BFC-D93-H117	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670018	BFC-D93-H118	EPA 6010	NDJ	1
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		ASTM D2974	DWC	1
60191670019	BFC-D93-H119	EPA 6010	NDJ	1
		EPA 6010	JGP, NDJ	7

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60191670

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60191670020	BFC-D93-H120A	EPA 7470	ZBM	1
		ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	NDJ	7
60191670021	BFC-D93-H120B	EPA 7470	ZBM	1
		ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
60191670022	BFC-D93-H121	EPA 7470	NDJ	1
		ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
60191670023	BFC-D93-H122	EPA 7470	NDJ	1
		ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
60191670024	BFC-D93-H123	EPA 7470	NDJ	1
		ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
60191670025	BFC-D93-H124	EPA 7470	NDJ	1
		ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
60191670026	BFC-D93-H125	EPA 7470	NDJ	1
		ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
60191670027	BFC-D93-H126	EPA 7470	NDJ	1
		ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
60191670028	BFC-D93-H127	EPA 7470	NDJ	1
		EPA 6010	JGP	7
		EPA 6010	NDJ	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60191670

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60191670029	BFC-D93-H128	ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
60191670030	BFC-D93-H129	ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
60191670031	BFC-D93-H130	ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
60191670032	BFC-D93-H131	ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
60191670033	BFC-D93-H132	ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
60191670034	BFC-D93-H133	ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
60191670035	BFC-D93-H134	ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
60191670036	BFC-D93-H135	ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
60191670037	BFC-D93-H136	ASTM D2974	DWC	1
		EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		ASTM D2974	DWC	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60191670

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60191670038	BFC-D93-H137	EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		ASTM D2974	DWC	1
60191670039	BFC-D93-H138	EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		ASTM D2974	DWC	1
60191670040	BFC-D93-H139	EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		ASTM D2974	DWC	1
60191670041	BFC-D93-H140A	EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		ASTM D2974	DWC	1
60191670042	BFC-D93-H140B	EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		ASTM D2974	DWC	1
60191670043	BFC-D93-H141	EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		ASTM D2974	DWC	1
60191670044	BFC-D93-H142	EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		ASTM D2974	DWC	1
60191670045	BFC-D93-H143	EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		ASTM D2974	DWC	1
60191670046	BFC-D93-H144	EPA 6010	NDJ	1
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		ASTM D2974	DWC	1

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60191670

Sample: BFC-D93-H101 **Lab ID: 60191670001** Collected: 04/10/15 06:15 Received: 04/10/15 15:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Red. Interference								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Beryllium	ND	mg/kg	0.098	1	04/13/15 12:00	04/14/15 15:21	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/16/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:09	7440-38-2	
Barium	ND	mg/L	2.5	1	04/16/15 15:35	04/17/15 13:09	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/16/15 15:35	04/17/15 13:09	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/16/15 15:35	04/17/15 13:09	7440-47-3	
Lead	0.94	mg/L	0.50	1	04/20/15 08:30	04/20/15 17:07	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:09	7782-49-2	
Silver	ND	mg/L	0.10	1	04/16/15 15:35	04/17/15 13:09	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/16/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/17/15 09:15	04/17/15 14:18	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	1.5	%	0.50	1		04/16/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60191670

Sample: BFC-D93-H102 **Lab ID: 60191670002** Collected: 04/10/15 06:20 Received: 04/10/15 15:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Red. Interference								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Beryllium	ND	mg/kg	0.073	1	04/13/15 12:00	04/14/15 15:32	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/16/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:20	7440-38-2	
Barium	ND	mg/L	2.5	1	04/16/15 15:35	04/17/15 13:20	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/16/15 15:35	04/17/15 13:20	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/16/15 15:35	04/17/15 13:20	7440-47-3	
Lead	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:20	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:20	7782-49-2	
Silver	ND	mg/L	0.10	1	04/16/15 15:35	04/17/15 13:20	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/16/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/17/15 09:15	04/17/15 14:24	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	2.4	%	0.50	1		04/16/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60191670

Sample: BFC-D93-H103 **Lab ID: 60191670003** Collected: 04/10/15 06:25 Received: 04/10/15 15:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Red. Interference								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Beryllium	ND	mg/kg	0.092	1	04/13/15 12:00	04/14/15 15:43	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/16/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:23	7440-38-2	
Barium	ND	mg/L	2.5	1	04/16/15 15:35	04/17/15 13:23	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/16/15 15:35	04/17/15 13:23	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/16/15 15:35	04/17/15 13:23	7440-47-3	
Lead	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:23	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:23	7782-49-2	
Silver	ND	mg/L	0.10	1	04/16/15 15:35	04/17/15 13:23	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/16/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/17/15 09:15	04/17/15 14:27	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	1.5	%	0.50	1		04/16/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60191670

Sample: BFC-D93-H104 **Lab ID: 60191670004** Collected: 04/10/15 06:30 Received: 04/10/15 15:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Red. Interference		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Beryllium	ND	mg/kg	0.095	1	04/13/15 12:00	04/14/15 15:46	7440-41-7	
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
		Leachate Method/Date: EPA 1311; 04/16/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:27	7440-38-2	
Barium	ND	mg/L	2.5	1	04/16/15 15:35	04/17/15 13:27	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/16/15 15:35	04/17/15 13:27	7440-43-9	
Chromium	0.10	mg/L	0.10	1	04/16/15 15:35	04/17/15 13:27	7440-47-3	
Lead	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:27	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/16/15 15:35	04/17/15 13:27	7782-49-2	
Silver	ND	mg/L	0.10	1	04/16/15 15:35	04/17/15 13:27	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
		Leachate Method/Date: EPA 1311; 04/16/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/17/15 09:15	04/17/15 14:33	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.7	%	0.50	1		04/16/15 00:00		

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