

ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 221 **Lab ID: 60192026014** Collected: 04/15/15 07:30 Received: 04/15/15 16:25 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	1.3	mg/kg	0.10	1	04/20/15 08:10	04/22/15 15:47	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:14	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 13:14	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 13:14	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:14	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:14	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:14	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:14	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 10:44	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	1.1	%	0.50	1		04/21/15 00:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 222 **Lab ID: 60192026015** Collected: 04/15/15 07:35 Received: 04/15/15 16:25 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	0.85	mg/kg	0.092	1	04/20/15 08:10	04/22/15 15:51	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:16	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 13:16	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 13:16	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:16	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:16	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:16	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:16	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 10:46	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	0.96	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 223 **Lab ID: 60192026016** Collected: 04/15/15 07:40 Received: 04/15/15 16:25 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	1.1	mg/kg	0.087	1	04/20/15 08:10	04/22/15 15:54	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:19	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 13:19	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 13:19	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:19	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:19	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:19	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:19	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 10:49	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	0.98	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 224 **Lab ID: 60192026017** Collected: 04/15/15 07:45 Received: 04/15/15 16:25 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	1.5	mg/kg	0.094	1	04/20/15 08:10	04/22/15 15:58	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:21	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 13:21	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 13:21	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:21	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:21	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:21	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:21	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 10:51	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	1.0	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 225 **Lab ID: 60192026018** Collected: 04/15/15 07:50 Received: 04/15/15 16:25 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	0.38	mg/kg	0.087	1	04/20/15 08:10	04/22/15 16:01	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:23	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 13:23	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 13:23	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:23	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:23	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:23	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:23	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 10:53	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	0.93	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 226 **Lab ID: 60192026019** Collected: 04/15/15 07:55 Received: 04/15/15 16:25 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	2.7	mg/kg	0.095	1	04/20/15 08:10	04/22/15 16:05	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:30	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 13:30	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 13:30	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:30	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:30	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:30	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:30	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 10:55	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	1.1	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 227 **Lab ID: 60192026020** Collected: 04/15/15 08:00 Received: 04/15/15 16:25 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	0.090	1	04/20/15 08:10	04/22/15 16:09	7440-41-7	
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
		Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:32	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 13:32	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 13:32	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:32	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:32	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:32	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:32	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
		Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 10:58	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	ND	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 228 **Lab ID: 60192026021** Collected: 04/15/15 08:05 Received: 04/15/15 16:25 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	0.075	1	04/20/15 08:10	04/22/15 13:00	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:35	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 13:35	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 13:35	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:35	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:35	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:35	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:35	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:09	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	ND	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 229 **Lab ID: 60192026022** Collected: 04/15/15 08:10 Received: 04/15/15 16:25 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	0.082	1	04/20/15 08:10	04/22/15 13:04	7440-41-7	
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
		Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:37	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 13:37	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 13:37	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:37	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:37	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 13:37	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 13:37	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
		Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:15	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	ND	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 230 **Lab ID: 60192026023** Collected: 04/15/15 08:15 Received: 04/15/15 16:25 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	0.080	1	04/20/15 08:10	04/22/15 13:07	7440-41-7	
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
		Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:25	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:25	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:25	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:25	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:25	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:25	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:25	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
		Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:18	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	ND	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 231 **Lab ID: 60192026024** Collected: 04/15/15 08:20 Received: 04/15/15 16:25 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	0.084	1	04/20/15 08:10	04/22/15 13:11	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:32	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:32	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:32	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:32	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:32	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:32	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:32	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:20	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	ND	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 232A **Lab ID: 60192026025** Collected: 04/15/15 08:25 Received: 04/15/15 16:25 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	0.090	1	04/20/15 08:10	04/22/15 13:14	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:34	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:34	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:34	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:34	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:34	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:34	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:34	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:22	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	ND	%	0.50	1		04/21/15 00:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-D93-H 232B **Lab ID: 60192026026** Collected: 04/15/15 08:25 Received: 04/15/15 16:25 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	0.090	1	04/20/15 08:10	04/22/15 13:18	7440-41-7	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:36	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:36	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:36	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:36	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:36	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:36	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:36	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/27/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:24	7439-97-6	
Percent Moisture								
Analytical Method: ASTM D2974								
Percent Moisture	ND	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 101 **Lab ID: 60192026027** Collected: 04/15/15 10:00 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:39	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:39	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:39	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:39	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:39	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:39	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:39	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:27	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.9	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 102 **Lab ID: 60192026028** Collected: 04/15/15 10:05 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:41	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:41	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:41	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:41	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:41	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:41	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:41	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:33	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	4.2	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 103 **Lab ID: 60192026029** Collected: 04/15/15 10:10 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:48	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:48	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:48	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:48	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:48	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:48	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:48	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:35	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.1	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 104 **Lab ID: 60192026030** Collected: 04/15/15 10:15 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:50	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:50	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:50	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:50	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:50	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:50	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:50	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:38	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.4	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 105 **Lab ID: 60192026031** Collected: 04/15/15 10:20 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:52	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:52	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:52	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:52	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:52	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:52	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:52	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:40	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.6	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 106 **Lab ID: 60192026032** Collected: 04/15/15 10:25 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:55	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:55	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:55	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:55	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:55	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:55	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:55	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:42	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.3	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 107 **Lab ID: 60192026033** Collected: 04/15/15 10:30 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:57	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:57	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:57	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:57	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:57	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:57	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:57	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:44	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.99	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 108 **Lab ID: 60192026034** Collected: 04/15/15 10:35 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:59	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 11:59	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 11:59	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:59	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:59	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 11:59	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 11:59	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:47	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.99	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 109 **Lab ID: 60192026035** Collected: 04/15/15 10:40 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:01	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 12:01	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 12:01	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 12:01	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:01	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:01	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 12:01	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:49	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.5	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 110 **Lab ID: 60192026036** Collected: 04/15/15 10:45 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:04	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 12:04	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 12:04	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 12:04	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:04	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:04	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 12:04	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:51	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 111 **Lab ID: 60192026037** Collected: 04/15/15 10:50 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:06	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 12:06	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 12:06	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 12:06	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:06	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:06	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 12:06	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 11:53	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.3	%	0.50	1		04/21/15 00:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-GUNR-H 112 **Lab ID: 60192026038** Collected: 04/15/15 10:55 Received: 04/15/15 16:25 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; 04/27/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:08	7440-38-2	
Barium	ND	mg/L	2.5	1	04/28/15 14:30	04/29/15 12:08	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/28/15 14:30	04/29/15 12:08	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 12:08	7440-47-3	
Lead	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:08	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/28/15 14:30	04/29/15 12:08	7782-49-2	
Silver	ND	mg/L	0.10	1	04/28/15 14:30	04/29/15 12:08	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/27/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/28/15 15:30	04/29/15 12:00	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-U37B-H101 **Lab ID: 60192026039** Collected: 04/15/15 13:00 Received: 04/15/15 16:25 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	33.0	1	04/20/15 00:00	04/22/15 02:41	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.0	1	04/20/15 00:00	04/22/15 02:41	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.0	1	04/20/15 00:00	04/22/15 02:41	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.0	1	04/20/15 00:00	04/22/15 02:41	53469-21-9	
PCB-1248 (Aroclor 1248)	350	ug/kg	33.0	1	04/20/15 00:00	04/22/15 02:41	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.0	1	04/20/15 00:00	04/22/15 02:41	11097-69-1	
PCB-1260 (Aroclor 1260)	189	ug/kg	33.0	1	04/20/15 00:00	04/22/15 02:41	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	65	%	26-127	1	04/20/15 00:00	04/22/15 02:41	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.95	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-U37B-H102 **Lab ID: 60192026040** Collected: 04/15/15 13:05 Received: 04/15/15 16:25 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 03:51	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.5	1	04/20/15 00:00	04/22/15 03:51	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 03:51	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 03:51	53469-21-9	
PCB-1248 (Aroclor 1248)	606	ug/kg	33.3	1	04/20/15 00:00	04/22/15 03:51	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 03:51	11097-69-1	
PCB-1260 (Aroclor 1260)	147	ug/kg	33.3	1	04/20/15 00:00	04/22/15 03:51	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	04/20/15 00:00	04/22/15 03:51	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/21/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192026

Sample: BFC-U37B-H103 **Lab ID: 60192026041** Collected: 04/15/15 13:10 Received: 04/15/15 16:25 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 04:25	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/20/15 00:00	04/22/15 04:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 04:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 04:25	53469-21-9	
PCB-1248 (Aroclor 1248)	251	ug/kg	33.3	1	04/20/15 00:00	04/22/15 04:25	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/20/15 00:00	04/22/15 04:25	11097-69-1	
PCB-1260 (Aroclor 1260)	194	ug/kg	33.3	1	04/20/15 00:00	04/22/15 04:25	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	04/20/15 00:00	04/22/15 04:25	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch: MERP/9540 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
 Associated Lab Samples: 60192026001, 60192026002, 60192026003, 60192026004, 60192026005, 60192026006, 60192026007, 60192026008, 60192026009, 60192026010, 60192026011, 60192026012, 60192026013, 60192026014, 60192026015, 60192026016, 60192026017, 60192026018, 60192026019, 60192026020

METHOD BLANK: 1558250 Matrix: Water
 Associated Lab Samples: 60192026001, 60192026002, 60192026003, 60192026004, 60192026005, 60192026006, 60192026007, 60192026008, 60192026009, 60192026010, 60192026011, 60192026012, 60192026013, 60192026014, 60192026015, 60192026016, 60192026017, 60192026018, 60192026019, 60192026020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/29/15 09:52	

LABORATORY CONTROL SAMPLE: 1558251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0055	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1558252 1558253

Parameter	Units	60192026001 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	.015	.015	0.017	0.015	116	98	75-125	17	20	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch: MERP/9541

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury TCLP

Associated Lab Samples: 60192026021, 60192026022, 60192026023, 60192026024, 60192026025, 60192026026, 60192026027, 60192026028, 60192026029, 60192026030, 60192026031, 60192026032, 60192026033, 60192026034, 60192026035, 60192026036, 60192026037, 60192026038

METHOD BLANK: 1558254

Matrix: Water

Associated Lab Samples: 60192026021, 60192026022, 60192026023, 60192026024, 60192026025, 60192026026, 60192026027, 60192026028, 60192026029, 60192026030, 60192026031, 60192026032, 60192026033, 60192026034, 60192026035, 60192026036, 60192026037, 60192026038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/29/15 11:00	

LABORATORY CONTROL SAMPLE: 1558255

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0056	112	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1558256 1558257

Parameter	Units	60192026021 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Mercury	mg/L	ND	.015	0.018	.015	0.018	122	120	75-125	2	20	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch: MPRP/31463 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 60192026021, 60192026022, 60192026023, 60192026024, 60192026025, 60192026026

METHOD BLANK: 1551516 Matrix: Solid
 Associated Lab Samples: 60192026021, 60192026022, 60192026023, 60192026024, 60192026025, 60192026026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	mg/kg	ND	0.10	04/22/15 11:41	

LABORATORY CONTROL SAMPLE: 1551517

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	mg/kg	100	96.2	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1551518 1551519

Parameter	Units	60191771041		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	ND	Spike Conc.	Conc.	Result	Result	% Rec	% Rec						
Beryllium	mg/kg	ND	95.8	99.5	68.1	62.0	71	62	75-125	9	20	M1			

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch: MPRP/31465 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Associated Lab Samples: 60192026001, 60192026002, 60192026003, 60192026004, 60192026005, 60192026006, 60192026007, 60192026008, 60192026009, 60192026010, 60192026011, 60192026012, 60192026013, 60192026014, 60192026015, 60192026016, 60192026017, 60192026018, 60192026019, 60192026020

METHOD BLANK: 1551527 Matrix: Solid
 Associated Lab Samples: 60192026001, 60192026002, 60192026003, 60192026004, 60192026005, 60192026006, 60192026007, 60192026008, 60192026009, 60192026010, 60192026011, 60192026012, 60192026013, 60192026014, 60192026015, 60192026016, 60192026017, 60192026018, 60192026019, 60192026020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Beryllium	mg/kg	ND	0.10	04/23/15 15:15	

LABORATORY CONTROL SAMPLE: 1551528

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	mg/kg	100	104	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1551529 1551530

Parameter	Units	60192026001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Beryllium	mg/kg	1.2	85.4	82.7	56.2	71.4	64	85	75-125	24	20	M1,R1

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch:	MPRP/31593	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET TCLP
Associated Lab Samples:	60192026001, 60192026003, 60192026004, 60192026005, 60192026007, 60192026008, 60192026009, 60192026010, 60192026011, 60192026012, 60192026013, 60192026014, 60192026015, 60192026016, 60192026017, 60192026018, 60192026019, 60192026020, 60192026021, 60192026022		

METHOD BLANK:	1558169	Matrix:	Water
Associated Lab Samples:	60192026001, 60192026003, 60192026004, 60192026005, 60192026007, 60192026008, 60192026009, 60192026010, 60192026011, 60192026012, 60192026013, 60192026014, 60192026015, 60192026016, 60192026017, 60192026018, 60192026019, 60192026020, 60192026021, 60192026022		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/29/15 12:38	
Barium	mg/L	ND	2.5	04/29/15 12:38	
Cadmium	mg/L	ND	0.050	04/29/15 12:38	
Chromium	mg/L	ND	0.10	04/29/15 12:38	
Lead	mg/L	ND	0.50	04/29/15 12:38	
Selenium	mg/L	ND	0.50	04/29/15 12:38	
Silver	mg/L	ND	0.10	04/29/15 12:38	

LABORATORY CONTROL SAMPLE: 1558170

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.94	94	80-120	
Barium	mg/L	1	0.99	99	80-120	
Cadmium	mg/L	1	0.95	95	80-120	
Chromium	mg/L	1	1.0	102	80-120	
Lead	mg/L	1	0.99	99	80-120	
Selenium	mg/L	1	0.92	92	80-120	
Silver	mg/L	.5	0.47	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1558171 1558172

Parameter	Units	60192026001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	MSD Result					
Arsenic	mg/L	ND	10	10	9.7	9.9	97	99	75-125	2	20
Barium	mg/L	ND	10	10	10.4	10.5	100	101	75-125	1	20
Cadmium	mg/L	ND	10	10	9.8	9.9	97	99	75-125	1	20
Chromium	mg/L	ND	10	10	9.6	9.8	96	98	75-125	2	20
Lead	mg/L	ND	10	10	9.7	9.8	97	98	75-125	1	20
Selenium	mg/L	ND	10	10	9.7	9.8	97	98	75-125	1	20
Silver	mg/L	ND	5	5	4.8	4.8	95	97	75-125	2	20

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch:	MPRP/31594	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET TCLP
Associated Lab Samples:	60192026023, 60192026024, 60192026025, 60192026026, 60192026027, 60192026028, 60192026029, 60192026030, 60192026031, 60192026032, 60192026033, 60192026034, 60192026035, 60192026036, 60192026037, 60192026038		

METHOD BLANK:	1558175	Matrix:	Water
Associated Lab Samples:	60192026023, 60192026024, 60192026025, 60192026026, 60192026027, 60192026028, 60192026029, 60192026030, 60192026031, 60192026032, 60192026033, 60192026034, 60192026035, 60192026036, 60192026037, 60192026038		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/29/15 11:23	
Barium	mg/L	ND	2.5	04/29/15 11:23	
Cadmium	mg/L	ND	0.050	04/29/15 11:23	
Chromium	mg/L	ND	0.10	04/29/15 11:23	
Lead	mg/L	ND	0.50	04/29/15 11:23	
Selenium	mg/L	ND	0.50	04/29/15 11:23	
Silver	mg/L	ND	0.10	04/29/15 11:23	

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.99	99	80-120	
Barium	mg/L	1	1.1	106	80-120	
Cadmium	mg/L	1	1.0	100	80-120	
Chromium	mg/L	1	0.96	96	80-120	
Lead	mg/L	1	1.0	104	80-120	
Selenium	mg/L	1	0.97	97	80-120	
Silver	mg/L	.5	0.47	95	80-120	

Parameter	Units	1558177		1558178		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		60192026023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						MSD Result
Arsenic	mg/L	ND	10	10	9.7	9.7	97	97	75-125	1	20
Barium	mg/L	ND	10	10	10.7	10.7	100	100	75-125	0	20
Cadmium	mg/L	ND	10	10	9.7	9.7	97	97	75-125	1	20
Chromium	mg/L	ND	10	10	9.2	8.9	92	89	75-125	4	20
Lead	mg/L	ND	10	10	9.7	9.7	97	97	75-125	1	20
Selenium	mg/L	ND	10	10	9.7	9.7	97	96	75-125	0	20
Silver	mg/L	ND	5	5	4.7	4.6	94	92	75-125	2	20

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch: MPRP/31596 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
 Associated Lab Samples: 60192026002, 60192026006

METHOD BLANK: 1558186 Matrix: Water

Associated Lab Samples: 60192026002, 60192026006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/29/15 13:41	
Barium	mg/L	ND	2.5	04/29/15 13:41	
Cadmium	mg/L	ND	0.050	04/29/15 13:41	
Chromium	mg/L	ND	0.10	04/29/15 13:41	
Lead	mg/L	ND	0.50	04/29/15 13:41	
Selenium	mg/L	ND	0.50	04/29/15 13:41	
Silver	mg/L	ND	0.10	04/29/15 13:41	

LABORATORY CONTROL SAMPLE: 1558187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.97	97	80-120	
Barium	mg/L	1	1.0	104	80-120	
Cadmium	mg/L	1	0.98	98	80-120	
Chromium	mg/L	1	1.0	100	80-120	
Lead	mg/L	1	1.0	102	80-120	
Selenium	mg/L	1	0.95	95	80-120	
Silver	mg/L	.5	0.48	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1558188 1558189

Parameter	Units	60192717001		1558189		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Arsenic	mg/L	ND	10	9.6	9.6	94	94	75-125	0	20	
Barium	mg/L	ND	10	9.9	9.9	99	98	75-125	0	20	
Cadmium	mg/L	ND	10	9.5	9.5	95	95	75-125	0	20	
Chromium	mg/L	0.91	10	10.2	10.4	93	95	75-125	2	20	
Lead	mg/L	ND	10	9.4	9.4	94	94	75-125	0	20	
Selenium	mg/L	0.70	10	10.2	10.1	95	94	75-125	1	20	
Silver	mg/L	0.79	5	5.6	5.6	95	96	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch: OEXT/49017 Analysis Method: EPA 8082
 QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
 Associated Lab Samples: 60192026039, 60192026040, 60192026041

METHOD BLANK: 1553055 Matrix: Solid

Associated Lab Samples: 60192026039, 60192026040, 60192026041

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	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 IL 1561

Pace Project No.: 60192026

QC Batch: PMST/10662

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 60192026001

METHOD BLANK: 1553318

Matrix: Solid

Associated Lab Samples: 60192026001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/21/15 00:00	

SAMPLE DUPLICATE: 1553319

Parameter	Units	60191829025 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	0.76	0.68	12	20	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch:	PMST/10663	Analysis Method:	ASTM D2974
QC Batch Method:	ASTM D2974	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	60192026002, 60192026003, 60192026004, 60192026005, 60192026006, 60192026007, 60192026008, 60192026009, 60192026010, 60192026011, 60192026012, 60192026013, 60192026014, 60192026015, 60192026016, 60192026017, 60192026018, 60192026019, 60192026020		

METHOD BLANK:	1553321	Matrix:	Solid
Associated Lab Samples:	60192026002, 60192026003, 60192026004, 60192026005, 60192026006, 60192026007, 60192026008, 60192026009, 60192026010, 60192026011, 60192026012, 60192026013, 60192026014, 60192026015, 60192026016, 60192026017, 60192026018, 60192026019, 60192026020		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/21/15 00:00	

SAMPLE DUPLICATE: 1553322						
Parameter	Units	60192026002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	0.97	1.1	9	20	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch: PMST/10665 Analysis Method: ASTM D2974
 QC Batch Method: ASTM D2974 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 60192026021, 60192026022, 60192026023, 60192026024, 60192026025, 60192026026, 60192026027, 60192026028, 60192026029, 60192026030, 60192026031, 60192026032, 60192026033, 60192026034, 60192026035, 60192026036, 60192026037, 60192026038, 60192026039, 60192026040

METHOD BLANK: 1553907 Matrix: Solid
 Associated Lab Samples: 60192026021, 60192026022, 60192026023, 60192026024, 60192026025, 60192026026, 60192026027, 60192026028, 60192026029, 60192026030, 60192026031, 60192026032, 60192026033, 60192026034, 60192026035, 60192026036, 60192026037, 60192026038, 60192026039, 60192026040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/21/15 00:00	

SAMPLE DUPLICATE: 1553908

Parameter	Units	60192026021 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	ND	0.56		20	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192026

QC Batch: PMST/10666

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 60192026041

METHOD BLANK: 1554083

Matrix: Solid

Associated Lab Samples: 60192026041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/22/15 00:00	

SAMPLE DUPLICATE: 1554084

Parameter	Units	60192026041 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	1.2	1.2	7	20	

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QUALIFIERS

Project: Bannister IL 1561

Pace Project No.: 60192026

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

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

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL 1561

Pace Project No.: 60192026

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60192026039	BFC-U37B-H101	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60192026040	BFC-U37B-H102	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60192026041	BFC-U37B-H103	EPA 3546	OEXT/49017	EPA 8082	GCSV/18779
60192026001	BFC-D93-H 209	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026002	BFC-D93-H 210	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026003	BFC-D93-H 211	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026004	BFC-D93-H 212A	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026005	BFC-D93-H 212B	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026006	BFC-D93-H 213	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026007	BFC-D93-H 214	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026008	BFC-D93-H 215	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026009	BFC-D93-H 216	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026010	BFC-D93-H 217	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026011	BFC-D93-H 218	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026012	BFC-D93-H 219	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026013	BFC-D93-H 220	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026014	BFC-D93-H 221	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026015	BFC-D93-H 222	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026016	BFC-D93-H 223	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026017	BFC-D93-H 224	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026018	BFC-D93-H 225	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026019	BFC-D93-H 226	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026020	BFC-D93-H 227	EPA 3050	MPRP/31465	EPA 6010	ICP/23401
60192026021	BFC-D93-H 228	EPA 3050	MPRP/31463	EPA 6010	ICP/23399
60192026022	BFC-D93-H 229	EPA 3050	MPRP/31463	EPA 6010	ICP/23399
60192026023	BFC-D93-H 230	EPA 3050	MPRP/31463	EPA 6010	ICP/23399
60192026024	BFC-D93-H 231	EPA 3050	MPRP/31463	EPA 6010	ICP/23399
60192026025	BFC-D93-H 232A	EPA 3050	MPRP/31463	EPA 6010	ICP/23399
60192026026	BFC-D93-H 232B	EPA 3050	MPRP/31463	EPA 6010	ICP/23399
60192026001	BFC-D93-H 209	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026002	BFC-D93-H 210	EPA 3010	MPRP/31596	EPA 6010	ICP/23479
60192026003	BFC-D93-H 211	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026004	BFC-D93-H 212A	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026005	BFC-D93-H 212B	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026006	BFC-D93-H 213	EPA 3010	MPRP/31596	EPA 6010	ICP/23479
60192026007	BFC-D93-H 214	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026008	BFC-D93-H 215	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026009	BFC-D93-H 216	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026010	BFC-D93-H 217	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026011	BFC-D93-H 218	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026012	BFC-D93-H 219	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026013	BFC-D93-H 220	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026014	BFC-D93-H 221	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026015	BFC-D93-H 222	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026016	BFC-D93-H 223	EPA 3010	MPRP/31593	EPA 6010	ICP/23478

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL 1561
Pace Project No.: 60192026

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60192026017	BFC-D93-H 224	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026018	BFC-D93-H 225	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026019	BFC-D93-H 226	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026020	BFC-D93-H 227	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026021	BFC-D93-H 228	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026022	BFC-D93-H 229	EPA 3010	MPRP/31593	EPA 6010	ICP/23478
60192026023	BFC-D93-H 230	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026024	BFC-D93-H 231	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026025	BFC-D93-H 232A	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026026	BFC-D93-H 232B	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026027	BFC-GUNR-H 101	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026028	BFC-GUNR-H 102	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026029	BFC-GUNR-H 103	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026030	BFC-GUNR-H 104	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026031	BFC-GUNR-H 105	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026032	BFC-GUNR-H 106	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026033	BFC-GUNR-H 107	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026034	BFC-GUNR-H 108	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026035	BFC-GUNR-H 109	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026036	BFC-GUNR-H 110	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026037	BFC-GUNR-H 111	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026038	BFC-GUNR-H 112	EPA 3010	MPRP/31594	EPA 6010	ICP/23480
60192026001	BFC-D93-H 209	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026002	BFC-D93-H 210	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026003	BFC-D93-H 211	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026004	BFC-D93-H 212A	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026005	BFC-D93-H 212B	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026006	BFC-D93-H 213	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026007	BFC-D93-H 214	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026008	BFC-D93-H 215	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026009	BFC-D93-H 216	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026010	BFC-D93-H 217	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026011	BFC-D93-H 218	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026012	BFC-D93-H 219	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026013	BFC-D93-H 220	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026014	BFC-D93-H 221	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026015	BFC-D93-H 222	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026016	BFC-D93-H 223	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026017	BFC-D93-H 224	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026018	BFC-D93-H 225	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026019	BFC-D93-H 226	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026020	BFC-D93-H 227	EPA 7470	MERP/9540	EPA 7470	MERC/9494
60192026021	BFC-D93-H 228	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026022	BFC-D93-H 229	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026023	BFC-D93-H 230	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026024	BFC-D93-H 231	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026025	BFC-D93-H 232A	EPA 7470	MERP/9541	EPA 7470	MERC/9495

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL 1561

Pace Project No.: 60192026

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60192026026	BFC-D93-H 232B	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026027	BFC-GUNR-H 101	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026028	BFC-GUNR-H 102	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026029	BFC-GUNR-H 103	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026030	BFC-GUNR-H 104	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026031	BFC-GUNR-H 105	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026032	BFC-GUNR-H 106	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026033	BFC-GUNR-H 107	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026034	BFC-GUNR-H 108	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026035	BFC-GUNR-H 109	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026036	BFC-GUNR-H 110	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026037	BFC-GUNR-H 111	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026038	BFC-GUNR-H 112	EPA 7470	MERP/9541	EPA 7470	MERC/9495
60192026001	BFC-D93-H 209	ASTM D2974	PMST/10662		
60192026002	BFC-D93-H 210	ASTM D2974	PMST/10663		
60192026003	BFC-D93-H 211	ASTM D2974	PMST/10663		
60192026004	BFC-D93-H 212A	ASTM D2974	PMST/10663		
60192026005	BFC-D93-H 212B	ASTM D2974	PMST/10663		
60192026006	BFC-D93-H 213	ASTM D2974	PMST/10663		
60192026007	BFC-D93-H 214	ASTM D2974	PMST/10663		
60192026008	BFC-D93-H 215	ASTM D2974	PMST/10663		
60192026009	BFC-D93-H 216	ASTM D2974	PMST/10663		
60192026010	BFC-D93-H 217	ASTM D2974	PMST/10663		
60192026011	BFC-D93-H 218	ASTM D2974	PMST/10663		
60192026012	BFC-D93-H 219	ASTM D2974	PMST/10663		
60192026013	BFC-D93-H 220	ASTM D2974	PMST/10663		
60192026014	BFC-D93-H 221	ASTM D2974	PMST/10663		
60192026015	BFC-D93-H 222	ASTM D2974	PMST/10663		
60192026016	BFC-D93-H 223	ASTM D2974	PMST/10663		
60192026017	BFC-D93-H 224	ASTM D2974	PMST/10663		
60192026018	BFC-D93-H 225	ASTM D2974	PMST/10663		
60192026019	BFC-D93-H 226	ASTM D2974	PMST/10663		
60192026020	BFC-D93-H 227	ASTM D2974	PMST/10663		
60192026021	BFC-D93-H 228	ASTM D2974	PMST/10665		
60192026022	BFC-D93-H 229	ASTM D2974	PMST/10665		
60192026023	BFC-D93-H 230	ASTM D2974	PMST/10665		
60192026024	BFC-D93-H 231	ASTM D2974	PMST/10665		
60192026025	BFC-D93-H 232A	ASTM D2974	PMST/10665		
60192026026	BFC-D93-H 232B	ASTM D2974	PMST/10665		
60192026027	BFC-GUNR-H 101	ASTM D2974	PMST/10665		
60192026028	BFC-GUNR-H 102	ASTM D2974	PMST/10665		
60192026029	BFC-GUNR-H 103	ASTM D2974	PMST/10665		
60192026030	BFC-GUNR-H 104	ASTM D2974	PMST/10665		
60192026031	BFC-GUNR-H 105	ASTM D2974	PMST/10665		
60192026032	BFC-GUNR-H 106	ASTM D2974	PMST/10665		
60192026033	BFC-GUNR-H 107	ASTM D2974	PMST/10665		
60192026034	BFC-GUNR-H 108	ASTM D2974	PMST/10665		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL 1561

Pace Project No.: 60192026

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60192026035	BFC-GUNR-H 109	ASTM D2974	PMST/10665		
60192026036	BFC-GUNR-H 110	ASTM D2974	PMST/10665		
60192026037	BFC-GUNR-H 111	ASTM D2974	PMST/10665		
60192026038	BFC-GUNR-H 112	ASTM D2974	PMST/10665		
60192026039	BFC-U37B-H101	ASTM D2974	PMST/10665		
60192026040	BFC-U37B-H102	ASTM D2974	PMST/10665		
60192026041	BFC-U37B-H103	ASTM D2974	PMST/10666		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60192026

 60192026

Client Name: Brandenburg Ind. Serv.

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: 1.7

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: BS 4/16/15

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 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 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: AMF Date: 4/16/15

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: Bradenburg Industrial Service Co.
 Address: 2625 S. Loomis St.
 Chicago, IL 60608
 Email: fojmnc@bradenburg.com
 Phone: 312-405-0704 | Fax
 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: Byran 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 (see valid codes to left)	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVATIVES										Analyses Test Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Received on	Temp in C	Ice (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)										
		START DATE	END DATE				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2SO3	Methanol	Other	PCBs by 8082	Reactives										Metals-Total Be	pH, % moisture	8270 SVOC	Spec Gravity	TCLP Metals	TCLP SVOCs	TCLP VOCs	8260 VOCs full list	Flashpoint	
		TIME	TIME																																
1	BFC-D93-H 232 A	4/15/15	8:20	8:25	8:25																													WGLU 005	
2	BFC-D93-H 232 B	4/15/15	8:20	8:25	8:25																													006	
3	BFC-GUNR-H 101	4/15/15	9:55	10:00	10:00																													007	
4	BFC-GUNR-H 102	4/15/15	10:00	10:05	10:05																													008	
5	BFC-GUNR-H 103	4/15/15	10:05	10:10	10:10																													009	
6	BFC-GUNR-H 104	4/15/15	10:10	10:15	10:15																														030
7	BFC-GUNR-H 105	4/15/15	10:15	10:20	10:20																														031
8	BFC-GUNR-H 106	4/15/15	10:20	10:25	10:25																														032
9	BFC-GUNR-H 107	4/15/15	10:25	10:30	10:30																														033
10	BFC-GUNR-H 108	4/15/15	10:30	10:35	10:35																														034
11	BFC-GUNR-H 109	4/15/15	10:35	10:40	10:40																														035
12	BFC-GUNR-H 110	4/15/15	10:40	10:45	10:45																														036

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)
		4/15/15	3:00	<i>[Signature]</i>	4/15	3:40						
				<i>[Signature]</i>	4/15/15	1:25	1.7		Y	Y	Y	Y

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



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: <u>Brandenburg</u> Address: <u>2625 S. Loomis St</u> Chicago, IL <u>60628</u> Email To: <u>rcjnic@brandenburg.com</u> Phone: <u>(312) 405-0704</u> Requested Due Date/TAT: <u>Standard</u>	Section B Required Project Information:	Report To: <u>Nick Rojas</u> Copy To: _____ Purchase Order No.: <u>506848</u> Project Name: <u>Bannister</u> Project Number: _____
	Attention: <u>Byron Roberson</u> Company Name: <u>Brandenburg's</u> Address: <u>2625 S. Loomis St (Chicago) 60628</u> Pace Quote Reference: <u>18296</u> Pace Project Manager: <u>Alice Flanagan</u> Pace Profile #: <u>6372</u>	Section C Invoice Information:	Page: _____ of _____ <u>1830999</u>
	REGULATORY AGENCY	Site Location STATE: _____	
	<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER	<input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	

ITEM #	Section D Required Client Information	Matrix Codes MATRIX CODE Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Tissue Other	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives Unpreserved H ₂ SO ₄ HNO ₃ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.													
				COMPOSITE START	COMPOSITE END/GRAB																				
				DATE	DATE																				
1	BFC-6000L-H11			4/15/15	4/15/15	1050			X			W6KLV 057													
2	BFC-6000L-H12			10:50	10:55	1055			X			W6KLV 058													
3	BFC-037B-H10			12:55	1:00	100			X			W6FV 059													
4	BFC-037B-H102			1:00	1:05	105			X			W6FV 040													
5	BFC-037B-H103			1:05	1:10	110			X			W6FV 041													
6																									
7																									
8																									
9																									
10																									
11																									
12																									
ADDITIONAL COMMENTS												RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS	
												A. N.		4/15/15 3:47		3:47		Nick Rojas		4-15		3:47			
												Nick Rojas		4/15/15		1625		1.7 Y		Y		Y		Y	

ORIGINAL					
SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER: <u>Nick Rojas</u>		DATE Signed (MM/DD/YYYY): <u>4/15/15</u>			
SIGNATURE of SAMPLER: <u>Nick Rojas</u>					
Temp in °C	Received on	Ice (Y/N)	Custody	Sealed Cooler	Samples Intact

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.



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:			
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: irojnic@brandenburg.com		Project Name: Bannister		Pace Quote: 18296			
Phone: 312-405-0704 Fax		Project #: IL1561		Pace Project Manager: Alice Flanagan, 913-563-1409			
Requested Due Date: <u>5/14/15</u>				Pace Profile #: 8372			
Regulatory Agency:				State / Location:			
MO				MO			

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G-GRAB C-COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2SO3	Methanol	Other	Analyses Test Y/N	PCBs by 8082	Reactivities	Metals-Total Be	pH, % moisture	8270 SVOC	Spec Gravily	TCLP Metals	TCLP SVOCs	TCLP VOCs	8260 VOCs full list	Flashpoint	Residual Chlorine (Y/N)				
			START DATE	END DATE																												
			DATE	TIME	DATE	TIME	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	BFC-D37B-H141	Water	4/14/15	8:20	8:25		1																									
2	BFC-D37B-H142	Water	4/14/15	8:25	8:30		1																									
3	BFC-D37B-H143	Water	4/14/15	8:30	8:35		1																									
4	BFC-D37B-H144	Water	4/14/15	8:35	8:40		1																									
5	BFC-D37B-H145	Water	4/14/15	8:40	8:45		1																									
6	BFC-D37B-H146	Water	4/14/15	8:45	8:50		1																									
7	BFC-D37B-H147A	Water	4/14/15	8:50	8:55		1																									
8	BFC-D37B-H147B	Water	4/14/15	8:55	8:55		1																									
9	BFC-BD90-H105	Water	4/14/15	9:25	9:30		1																									
10	BFC-BD90-H106	Water	4/14/15	9:30	9:35		1																									
11	BFC-BD90-H107	Water	4/14/15	9:35	9:40		1																									
12	BFC-BD90-H108	Water	4/14/15	9:40	9:45		1																									

Additional Comments		Relinquished by / Affiliation		Time		Accepted by / Affiliation		Time		Date		Requested Analysis Filtered (Y/N)	
MO		MO		MO		MO		MO		MO		MO	
		4/14/15		9:45		4/14/15		9:45		4/14/15		Y	
		4/14/15		9:45		4/14/15		9:45		4/14/15		Y	
		4/14/15		9:45		4/14/15		9:45		4/14/15		Y	
		4/14/15		9:45		4/14/15		9:45		4/14/15		Y	
		4/14/15		9:45		4/14/15		9:45		4/14/15		Y	
		4/14/15		9:45		4/14/15		9:45		4/14/15		Y	
		4/14/15		9:45		4/14/15		9:45		4/14/15		Y	

April 29, 2015

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

RE: Project: Bannister IL 1561
Pace Project No.: 60192143

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 16, 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.: 60192143

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.: 60192143

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60192143001	BFC-U37B-H 104	Solid	04/16/15 06:15	04/16/15 16:40
60192143002	BFC-U37B-H 105	Solid	04/16/15 06:20	04/16/15 16:40
60192143003	BFC-U37B-H 106	Solid	04/16/15 06:25	04/16/15 16:40
60192143004	BFC-U37B-H 107	Solid	04/16/15 06:30	04/16/15 16:40
60192143005	BFC-U37B-H 108	Solid	04/16/15 06:35	04/16/15 16:40
60192143006	BFC-U37B-H 109	Solid	04/16/15 06:40	04/16/15 16:40
60192143007	BFC-U37B-H 110A	Solid	04/16/15 06:45	04/16/15 16:40
60192143008	BFC-U37B-H 110B	Solid	04/16/15 06:45	04/16/15 16:40
60192143009	BFC-U37B-H 111	Solid	04/16/15 06:50	04/16/15 16:40
60192143010	BFC-U37B-H 112	Solid	04/16/15 06:55	04/16/15 16:40
60192143011	BFC-U37B-H 113	Solid	04/16/15 07:00	04/16/15 16:40
60192143012	BFC-U37B-H 114	Solid	04/16/15 07:05	04/16/15 16:40
60192143013	BFC-U37B-H 115	Solid	04/16/15 07:10	04/16/15 16:40
60192143014	BFC-U37B-H 116	Solid	04/16/15 07:15	04/16/15 16:40
60192143015	BFC-U37B-H 117	Solid	04/16/15 07:20	04/16/15 16:40
60192143016	BFC-U37B-H 118	Solid	04/16/15 07:25	04/16/15 16:40
60192143017	BFC-U37B-H 119	Solid	04/16/15 07:30	04/16/15 16:40
60192143018	BFC-U37B-H 120	Solid	04/16/15 07:35	04/16/15 16:40
60192143019	BFC-U37B-H 121	Solid	04/16/15 07:40	04/16/15 16:40
60192143020	BFC-U37B-H 122	Solid	04/16/15 07:45	04/16/15 16:40
60192143021	BFC-U37B-H 123	Solid	04/16/15 07:50	04/16/15 16:40
60192143022	BFC-U37B-H 124	Solid	04/16/15 07:55	04/16/15 16:40
60192143023	BFC-U37B-H 125	Solid	04/16/15 08:00	04/16/15 16:40
60192143024	BFC-U37B-H 126	Solid	04/16/15 08:05	04/16/15 16:40
60192143025	BFC-U37B-H 127	Solid	04/16/15 08:10	04/16/15 16:40
60192143026	BFC-U37B-H 128	Solid	04/16/15 08:15	04/16/15 16:40
60192143027	BFC-U37B-H 129	Solid	04/16/15 08:20	04/16/15 16:40
60192143028	BFC-U37B-H 130A	Solid	04/16/15 08:25	04/16/15 16:40
60192143029	BFC-U37B-H 130B	Solid	04/16/15 08:25	04/16/15 16:40
60192143030	BFC-U37B-H 131	Solid	04/16/15 08:30	04/16/15 16:40
60192143031	BFC-U37B-H 132	Solid	04/16/15 08:35	04/16/15 16:40
60192143032	BFC-U37B-H 133	Solid	04/16/15 08:40	04/16/15 16:40
60192143033	BFC-U37B-H 134	Solid	04/16/15 08:45	04/16/15 16:40
60192143034	BFC-U37B-H 135	Solid	04/16/15 08:50	04/16/15 16:40
60192143035	BFC-U37B-H 136	Solid	04/16/15 08:55	04/16/15 16:40
60192143036	BFC-XSFR-H 101	Solid	04/16/15 10:00	04/16/15 16:40
60192143037	BFC-XSFR-H 102	Solid	04/16/15 10:05	04/16/15 16:40

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL 1561

Pace Project No.: 60192143

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60192143038	BFC-XSFR-H 103	Solid	04/16/15 10:10	04/16/15 16:40
60192143039	BFC-XSFR-H 104	Solid	04/16/15 10:15	04/16/15 16:40
60192143040	BFC-XSFR-H 105	Solid	04/16/15 10:20	04/16/15 16:40
60192143041	BFC-XSFR-H 106	Solid	04/16/15 10:25	04/16/15 16:40
60192143042	TRIP BLANK	Solid	04/16/15 10:25	04/16/15 16:40

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60192143

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60192143001	BFC-U37B-H 104	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143002	BFC-U37B-H 105	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143003	BFC-U37B-H 106	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143004	BFC-U37B-H 107	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143005	BFC-U37B-H 108	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143006	BFC-U37B-H 109	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143007	BFC-U37B-H 110A	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143008	BFC-U37B-H 110B	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143009	BFC-U37B-H 111	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143010	BFC-U37B-H 112	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143011	BFC-U37B-H 113	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143012	BFC-U37B-H 114	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143013	BFC-U37B-H 115	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143014	BFC-U37B-H 116	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143015	BFC-U37B-H 117	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143016	BFC-U37B-H 118	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143017	BFC-U37B-H 119	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143018	BFC-U37B-H 120	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143019	BFC-U37B-H 121	EPA 8082	JDH	8

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60192143

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		ASTM D2974	DWC	1
60192143020	BFC-U37B-H 122	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143021	BFC-U37B-H 123	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143022	BFC-U37B-H 124	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143023	BFC-U37B-H 125	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143024	BFC-U37B-H 126	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143025	BFC-U37B-H 127	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143026	BFC-U37B-H 128	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143027	BFC-U37B-H 129	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143028	BFC-U37B-H 130A	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143029	BFC-U37B-H 130B	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143030	BFC-U37B-H 131	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143031	BFC-U37B-H 132	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143032	BFC-U37B-H 133	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143033	BFC-U37B-H 134	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143034	BFC-U37B-H 135	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143035	BFC-U37B-H 136	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143036	BFC-XSFR-H 101	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143037	BFC-XSFR-H 102	EPA 8082	JDH	8
		ASTM D2974	DWC	1

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60192143

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60192143038	BFC-XSFR-H 103	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143039	BFC-XSFR-H 104	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143040	BFC-XSFR-H 105	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192143041	BFC-XSFR-H 106	EPA 8082	JDH	8
		ASTM D2974	DWC	1

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 104 **Lab ID: 60192143001** Collected: 04/16/15 06:15 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 01:51	12674-11-2	M1
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/22/15 00:00	04/25/15 01:51	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 01:51	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 01:51	53469-21-9	
PCB-1248 (Aroclor 1248)	311	ug/kg	33.4	1	04/22/15 00:00	04/25/15 01:51	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 01:51	11097-69-1	
PCB-1260 (Aroclor 1260)	80.0	ug/kg	33.4	1	04/22/15 00:00	04/25/15 01:51	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	73	%	26-127	1	04/22/15 00:00	04/25/15 01:51	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.5	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 105 **Lab ID: 60192143002** Collected: 04/16/15 06:20 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 02:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/22/15 00:00	04/25/15 02:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 02:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 02:08	53469-21-9	
PCB-1248 (Aroclor 1248)	116	ug/kg	33.4	1	04/22/15 00:00	04/25/15 02:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 02:08	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 02:08	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	74	%	26-127	1	04/22/15 00:00	04/25/15 02:08	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 106 **Lab ID: 60192143003** Collected: 04/16/15 06:25 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 02:26	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.4	1	04/22/15 00:00	04/25/15 02:26	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 02:26	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 02:26	53469-21-9	
PCB-1248 (Aroclor 1248)	47.9	ug/kg	33.2	1	04/22/15 00:00	04/25/15 02:26	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 02:26	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 02:26	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	76	%	26-127	1	04/22/15 00:00	04/25/15 02:26	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 107 **Lab ID: 60192143004** Collected: 04/16/15 06:30 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 02:43	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.6	1	04/22/15 00:00	04/25/15 02:43	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 02:43	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 02:43	53469-21-9	
PCB-1248 (Aroclor 1248)	98.8	ug/kg	33.3	1	04/22/15 00:00	04/25/15 02:43	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 02:43	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 02:43	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	69	%	26-127	1	04/22/15 00:00	04/25/15 02:43	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 108 **Lab ID: 60192143005** Collected: 04/16/15 06:35 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 03:00	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.3	1	04/22/15 00:00	04/25/15 03:00	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 03:00	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 03:00	53469-21-9	
PCB-1248 (Aroclor 1248)	219	ug/kg	33.2	1	04/22/15 00:00	04/25/15 03:00	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 03:00	11097-69-1	
PCB-1260 (Aroclor 1260)	119	ug/kg	33.2	1	04/22/15 00:00	04/25/15 03:00	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	63	%	26-127	1	04/22/15 00:00	04/25/15 03:00	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.0	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 109 **Lab ID: 60192143006** Collected: 04/16/15 06:40 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 12:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.2	1	04/22/15 00:00	04/25/15 12:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 12:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 12:07	53469-21-9	
PCB-1248 (Aroclor 1248)	123	ug/kg	33.1	1	04/22/15 00:00	04/25/15 12:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 12:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 12:07	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	66	%	26-127	1	04/22/15 00:00	04/25/15 12:07	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.77	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 110A **Lab ID: 60192143007** Collected: 04/16/15 06:45 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 12:25	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/22/15 00:00	04/25/15 12:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 12:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 12:25	53469-21-9	
PCB-1248 (Aroclor 1248)	240	ug/kg	33.4	1	04/22/15 00:00	04/25/15 12:25	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 12:25	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 12:25	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	62	%	26-127	1	04/22/15 00:00	04/25/15 12:25	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 110B **Lab ID: 60192143008** Collected: 04/16/15 06:45 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 12:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.5	1	04/22/15 00:00	04/25/15 12:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 12:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 12:42	53469-21-9	
PCB-1248 (Aroclor 1248)	70.5	ug/kg	33.2	1	04/22/15 00:00	04/25/15 12:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 12:42	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 12:42	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	74	%	26-127	1	04/22/15 00:00	04/25/15 12:42	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 111 **Lab ID: 60192143009** Collected: 04/16/15 06:50 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 12:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.6	1	04/22/15 00:00	04/25/15 12:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 12:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 12:59	53469-21-9	
PCB-1248 (Aroclor 1248)	45.3	ug/kg	33.3	1	04/22/15 00:00	04/25/15 12:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 12:59	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 12:59	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	71	%	26-127	1	04/22/15 00:00	04/25/15 12:59	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 112 **Lab ID: 60192143010** Collected: 04/16/15 06:55 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 13:17	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.3	1	04/22/15 00:00	04/25/15 13:17	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 13:17	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 13:17	53469-21-9	
PCB-1248 (Aroclor 1248)	108	ug/kg	33.2	1	04/22/15 00:00	04/25/15 13:17	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 13:17	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 13:17	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	66	%	26-127	1	04/22/15 00:00	04/25/15 13:17	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.94	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 113 **Lab ID: 60192143011** Collected: 04/16/15 07:00 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 13:34	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.1	1	04/22/15 00:00	04/25/15 13:34	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 13:34	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 13:34	53469-21-9	
PCB-1248 (Aroclor 1248)	79.2	ug/kg	33.1	1	04/22/15 00:00	04/25/15 13:34	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 13:34	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 13:34	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	71	%	26-127	1	04/22/15 00:00	04/25/15 13:34	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 114 **Lab ID: 60192143012** Collected: 04/16/15 07:05 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 13:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.5	1	04/22/15 00:00	04/25/15 13:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 13:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 13:52	53469-21-9	
PCB-1248 (Aroclor 1248)	92.1	ug/kg	33.2	1	04/22/15 00:00	04/25/15 13:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 13:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 13:52	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	1	04/22/15 00:00	04/25/15 13:52	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 115 **Lab ID: 60192143013** Collected: 04/16/15 07:10 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 15:19	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	64.8	1	04/22/15 00:00	04/25/15 15:19	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.4	1	04/22/15 00:00	04/25/15 15:19	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.4	1	04/22/15 00:00	04/25/15 15:19	53469-21-9	
PCB-1248 (Aroclor 1248)	44.6	ug/kg	32.4	1	04/22/15 00:00	04/25/15 15:19	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.4	1	04/22/15 00:00	04/25/15 15:19	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	32.4	1	04/22/15 00:00	04/25/15 15:19	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	63	%	26-127	1	04/22/15 00:00	04/25/15 15:19	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 116 **Lab ID: 60192143014** Collected: 04/16/15 07:15 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 15:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.7	1	04/22/15 00:00	04/25/15 15:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.9	1	04/22/15 00:00	04/25/15 15:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.9	1	04/22/15 00:00	04/25/15 15:36	53469-21-9	
PCB-1248 (Aroclor 1248)	110	ug/kg	32.9	1	04/22/15 00:00	04/25/15 15:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.9	1	04/22/15 00:00	04/25/15 15:36	11097-69-1	
PCB-1260 (Aroclor 1260)	76.9	ug/kg	32.9	1	04/22/15 00:00	04/25/15 15:36	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	65	%	26-127	1	04/22/15 00:00	04/25/15 15:36	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.5	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 117 **Lab ID: 60192143015** Collected: 04/16/15 07:20 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 15:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.8	1	04/22/15 00:00	04/25/15 15:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 15:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 15:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 15:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.4	1	04/22/15 00:00	04/25/15 15:53	11097-69-1	
PCB-1260 (Aroclor 1260)	96.3	ug/kg	33.4	1	04/22/15 00:00	04/25/15 15:53	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	43	%	26-127	1	04/22/15 00:00	04/25/15 15:53	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 118 **Lab ID: 60192143016** Collected: 04/16/15 07:25 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 16:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.9	1	04/22/15 00:00	04/25/15 16:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.9	1	04/22/15 00:00	04/25/15 16:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.9	1	04/22/15 00:00	04/25/15 16:11	53469-21-9	
PCB-1248 (Aroclor 1248)	359	ug/kg	32.9	1	04/22/15 00:00	04/25/15 16:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.9	1	04/22/15 00:00	04/25/15 16:11	11097-69-1	
PCB-1260 (Aroclor 1260)	226	ug/kg	32.9	1	04/22/15 00:00	04/25/15 16:11	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	68	%	26-127	1	04/22/15 00:00	04/25/15 16:11	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.93	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 119 **Lab ID: 60192143017** Collected: 04/16/15 07:30 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 16:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/22/15 00:00	04/25/15 16:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 16:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 16:28	53469-21-9	
PCB-1248 (Aroclor 1248)	330	ug/kg	33.3	1	04/22/15 00:00	04/25/15 16:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/22/15 00:00	04/25/15 16:28	11097-69-1	
PCB-1260 (Aroclor 1260)	161	ug/kg	33.3	1	04/22/15 00:00	04/25/15 16:28	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	26-127	1	04/22/15 00:00	04/25/15 16:28	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 120 **Lab ID: 60192143018** Collected: 04/16/15 07:35 Received: 04/16/15 16:40 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	31.3	1	04/22/15 00:00	04/25/15 17:20	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	62.6	1	04/22/15 00:00	04/25/15 17:20	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	31.3	1	04/22/15 00:00	04/25/15 17:20	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	31.3	1	04/22/15 00:00	04/25/15 17:20	53469-21-9	
PCB-1248 (Aroclor 1248)	153	ug/kg	31.3	1	04/22/15 00:00	04/25/15 17:20	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	31.3	1	04/22/15 00:00	04/25/15 17:20	11097-69-1	
PCB-1260 (Aroclor 1260)	48.7	ug/kg	31.3	1	04/22/15 00:00	04/25/15 17:20	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	68	%	26-127	1	04/22/15 00:00	04/25/15 17:20	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 121 **Lab ID: 60192143019** Collected: 04/16/15 07:40 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 17:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.4	1	04/22/15 00:00	04/25/15 17:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 17:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 17:38	53469-21-9	
PCB-1248 (Aroclor 1248)	527	ug/kg	33.2	1	04/22/15 00:00	04/25/15 17:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/22/15 00:00	04/25/15 17:38	11097-69-1	
PCB-1260 (Aroclor 1260)	43.9	ug/kg	33.2	1	04/22/15 00:00	04/25/15 17:38	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	1	04/22/15 00:00	04/25/15 17:38	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.85	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 122 **Lab ID: 60192143020** Collected: 04/16/15 07:45 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 17:55	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.1	1	04/22/15 00:00	04/25/15 17:55	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 17:55	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 17:55	53469-21-9	
PCB-1248 (Aroclor 1248)	606	ug/kg	33.1	1	04/22/15 00:00	04/25/15 17:55	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/22/15 00:00	04/25/15 17:55	11097-69-1	
PCB-1260 (Aroclor 1260)	281	ug/kg	33.1	1	04/22/15 00:00	04/25/15 17:55	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	69	%	26-127	1	04/22/15 00:00	04/25/15 17:55	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.95	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 123 **Lab ID: 60192143021** Collected: 04/16/15 07:50 Received: 04/16/15 16:40 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	32.8	1	04/22/15 00:00	04/25/15 18:12	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.6	1	04/22/15 00:00	04/25/15 18:12	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.8	1	04/22/15 00:00	04/25/15 18:12	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.8	1	04/22/15 00:00	04/25/15 18:12	53469-21-9	
PCB-1248 (Aroclor 1248)	101	ug/kg	32.8	1	04/22/15 00:00	04/25/15 18:12	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.8	1	04/22/15 00:00	04/25/15 18:12	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	32.8	1	04/22/15 00:00	04/25/15 18:12	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	66	%	26-127	1	04/22/15 00:00	04/25/15 18:12	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	ND	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 124 **Lab ID: 60192143022** Collected: 04/16/15 07:55 Received: 04/16/15 16:40 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	32.3	1	04/22/15 00:00	04/25/15 18:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	64.7	1	04/22/15 00:00	04/25/15 18:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.3	1	04/22/15 00:00	04/25/15 18:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.3	1	04/22/15 00:00	04/25/15 18:30	53469-21-9	
PCB-1248 (Aroclor 1248)	177	ug/kg	32.3	1	04/22/15 00:00	04/25/15 18:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.3	1	04/22/15 00:00	04/25/15 18:30	11097-69-1	
PCB-1260 (Aroclor 1260)	38.6	ug/kg	32.3	1	04/22/15 00:00	04/25/15 18:30	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	70	%	26-127	1	04/22/15 00:00	04/25/15 18:30	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.6	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 125 **Lab ID: 60192143023** Collected: 04/16/15 08:00 Received: 04/16/15 16:40 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	04/22/15 00:00	04/25/15 18:47	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.5	1	04/22/15 00:00	04/25/15 18:47	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.7	1	04/22/15 00:00	04/25/15 18:47	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.7	1	04/22/15 00:00	04/25/15 18:47	53469-21-9	
PCB-1248 (Aroclor 1248)	249	ug/kg	32.7	1	04/22/15 00:00	04/25/15 18:47	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.7	1	04/22/15 00:00	04/25/15 18:47	11097-69-1	
PCB-1260 (Aroclor 1260)	63.2	ug/kg	32.7	1	04/22/15 00:00	04/25/15 18:47	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	69	%	26-127	1	04/22/15 00:00	04/25/15 18:47	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	ND	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 126 **Lab ID: 60192143024** Collected: 04/16/15 08:05 Received: 04/16/15 16:40 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	33.5	1	04/22/15 00:00	04/25/15 19:04	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	67.0	1	04/22/15 00:00	04/25/15 19:04	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.5	1	04/22/15 00:00	04/25/15 19:04	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.5	1	04/22/15 00:00	04/25/15 19:04	53469-21-9	
PCB-1248 (Aroclor 1248)	182	ug/kg	33.5	1	04/22/15 00:00	04/25/15 19:04	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.5	1	04/22/15 00:00	04/25/15 19:04	11097-69-1	
PCB-1260 (Aroclor 1260)	35.8	ug/kg	33.5	1	04/22/15 00:00	04/25/15 19:04	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	69	%	26-127	1	04/22/15 00:00	04/25/15 19:04	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.0	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 127 **Lab ID: 60192143025** Collected: 04/16/15 08:10 Received: 04/16/15 16:40 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	33.0	1	04/24/14 00:00	04/27/15 19:04	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.1	1	04/24/14 00:00	04/27/15 19:04	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.0	1	04/24/14 00:00	04/27/15 19:04	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.0	1	04/24/14 00:00	04/27/15 19:04	53469-21-9	
PCB-1248 (Aroclor 1248)	149	ug/kg	33.0	1	04/24/14 00:00	04/27/15 19:04	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.0	1	04/24/14 00:00	04/27/15 19:04	11097-69-1	
PCB-1260 (Aroclor 1260)	35.0	ug/kg	33.0	1	04/24/14 00:00	04/27/15 19:04	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	65	%	26-127	1	04/24/14 00:00	04/27/15 19:04	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.95	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 128 **Lab ID: 60192143026** Collected: 04/16/15 08:15 Received: 04/16/15 16:40 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	32.8	1	04/24/14 00:00	04/27/15 19:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.7	1	04/24/14 00:00	04/27/15 19:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.8	1	04/24/14 00:00	04/27/15 19:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.8	1	04/24/14 00:00	04/27/15 19:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	32.8	1	04/24/14 00:00	04/27/15 19:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.8	1	04/24/14 00:00	04/27/15 19:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	32.8	1	04/24/14 00:00	04/27/15 19:21	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	1	04/24/14 00:00	04/27/15 19:21	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.97	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 129 **Lab ID: 60192143027** Collected: 04/16/15 08:20 Received: 04/16/15 16:40 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	32.5	1	04/24/14 00:00	04/27/15 19:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	64.9	1	04/24/14 00:00	04/27/15 19:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.5	1	04/24/14 00:00	04/27/15 19:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.5	1	04/24/14 00:00	04/27/15 19:39	53469-21-9	
PCB-1248 (Aroclor 1248)	86.4	ug/kg	32.5	1	04/24/14 00:00	04/27/15 19:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.5	1	04/24/14 00:00	04/27/15 19:39	11097-69-1	
PCB-1260 (Aroclor 1260)	49.0	ug/kg	32.5	1	04/24/14 00:00	04/27/15 19:39	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	66	%	26-127	1	04/24/14 00:00	04/27/15 19:39	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.0	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 130A **Lab ID: 60192143028** Collected: 04/16/15 08:25 Received: 04/16/15 16:40 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	834	25	04/24/14 00:00	04/28/15 15:17	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1670	25	04/24/14 00:00	04/28/15 15:17	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	834	25	04/24/14 00:00	04/28/15 15:17	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	834	25	04/24/14 00:00	04/28/15 15:17	53469-21-9	
PCB-1248 (Aroclor 1248)	7570	ug/kg	834	25	04/24/14 00:00	04/28/15 15:17	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	834	25	04/24/14 00:00	04/28/15 15:17	11097-69-1	
PCB-1260 (Aroclor 1260)	151	ug/kg	33.4	1	04/24/14 00:00	04/27/15 19:56	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	64	%	26-127	1	04/24/14 00:00	04/27/15 19:56	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 130B **Lab ID: 60192143029** Collected: 04/16/15 08:25 Received: 04/16/15 16:40 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	660	20	04/24/14 00:00	04/28/15 15:35	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1320	20	04/24/14 00:00	04/28/15 15:35	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	660	20	04/24/14 00:00	04/28/15 15:35	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	660	20	04/24/14 00:00	04/28/15 15:35	53469-21-9	
PCB-1248 (Aroclor 1248)	4240	ug/kg	660	20	04/24/14 00:00	04/28/15 15:35	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	660	20	04/24/14 00:00	04/28/15 15:35	11097-69-1	
PCB-1260 (Aroclor 1260)	88.7	ug/kg	33.0	1	04/24/14 00:00	04/27/15 20:48	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	55	%	26-127	1	04/24/14 00:00	04/27/15 20:48	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 131 **Lab ID: 60192143030** Collected: 04/16/15 08:30 Received: 04/16/15 16:40 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	04/24/14 00:00	04/27/15 21:05	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.2	1	04/24/14 00:00	04/27/15 21:05	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/24/14 00:00	04/27/15 21:05	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/24/14 00:00	04/27/15 21:05	53469-21-9	
PCB-1248 (Aroclor 1248)	229	ug/kg	33.1	1	04/24/14 00:00	04/27/15 21:05	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/24/14 00:00	04/27/15 21:05	11097-69-1	
PCB-1260 (Aroclor 1260)	51.3	ug/kg	33.1	1	04/24/14 00:00	04/27/15 21:05	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	67	%	26-127	1	04/24/14 00:00	04/27/15 21:05	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.85	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 132 **Lab ID: 60192143031** Collected: 04/16/15 08:35 Received: 04/16/15 16:40 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	32.3	1	04/24/14 00:00	04/27/15 21:23	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	64.5	1	04/24/14 00:00	04/27/15 21:23	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.3	1	04/24/14 00:00	04/27/15 21:23	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.3	1	04/24/14 00:00	04/27/15 21:23	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	32.3	1	04/24/14 00:00	04/27/15 21:23	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.3	1	04/24/14 00:00	04/27/15 21:23	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	32.3	1	04/24/14 00:00	04/27/15 21:23	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	52	%	26-127	1	04/24/14 00:00	04/27/15 21:23	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	ND	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 133 **Lab ID: 60192143032** Collected: 04/16/15 08:40 Received: 04/16/15 16:40 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	04/24/14 00:00	04/27/15 21:40	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.6	1	04/24/14 00:00	04/27/15 21:40	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/24/14 00:00	04/27/15 21:40	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/24/14 00:00	04/27/15 21:40	53469-21-9	
PCB-1248 (Aroclor 1248)	120	ug/kg	33.3	1	04/24/14 00:00	04/27/15 21:40	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/24/14 00:00	04/27/15 21:40	11097-69-1	
PCB-1260 (Aroclor 1260)	79.5	ug/kg	33.3	1	04/24/14 00:00	04/27/15 21:40	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	65	%	26-127	1	04/24/14 00:00	04/27/15 21:40	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 134 **Lab ID: 60192143033** Collected: 04/16/15 08:45 Received: 04/16/15 16:40 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	829	25	04/28/15 00:00	04/29/15 11:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1660	25	04/28/15 00:00	04/29/15 11:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	829	25	04/28/15 00:00	04/29/15 11:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	829	25	04/28/15 00:00	04/29/15 11:38	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	829	25	04/28/15 00:00	04/29/15 11:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	829	25	04/28/15 00:00	04/29/15 11:38	11097-69-1	
PCB-1260 (Aroclor 1260)	87.3	ug/kg	33.2	1	04/28/15 00:00	04/29/15 11:04	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	61	%	26-127	1	04/28/15 00:00	04/29/15 11:04	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 135 **Lab ID: 60192143034** Collected: 04/16/15 08:50 Received: 04/16/15 16:40 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	04/24/14 00:00	04/27/15 21:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.9	1	04/24/14 00:00	04/27/15 21:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.9	1	04/24/14 00:00	04/27/15 21:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.9	1	04/24/14 00:00	04/27/15 21:57	53469-21-9	
PCB-1248 (Aroclor 1248)	84.5	ug/kg	32.9	1	04/24/14 00:00	04/27/15 21:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.9	1	04/24/14 00:00	04/27/15 21:57	11097-69-1	
PCB-1260 (Aroclor 1260)	35.9	ug/kg	32.9	1	04/24/14 00:00	04/27/15 21:57	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	72	%	26-127	1	04/24/14 00:00	04/27/15 21:57	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.90	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-U37B-H 136 **Lab ID: 60192143035** Collected: 04/16/15 08:55 Received: 04/16/15 16:40 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	31.1	1	04/24/14 00:00	04/27/15 22:14	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	62.1	1	04/24/14 00:00	04/27/15 22:14	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	31.1	1	04/24/14 00:00	04/27/15 22:14	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	31.1	1	04/24/14 00:00	04/27/15 22:14	53469-21-9	
PCB-1248 (Aroclor 1248)	37.2	ug/kg	31.1	1	04/24/14 00:00	04/27/15 22:14	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	31.1	1	04/24/14 00:00	04/27/15 22:14	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	31.1	1	04/24/14 00:00	04/27/15 22:14	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	60	%	26-127	1	04/24/14 00:00	04/27/15 22:14	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.77	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-XSFR-H 101 **Lab ID: 60192143036** Collected: 04/16/15 10:00 Received: 04/16/15 16:40 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	32.6	1	04/24/14 00:00	04/27/15 23:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.2	1	04/24/14 00:00	04/27/15 23:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.6	1	04/24/14 00:00	04/27/15 23:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.6	1	04/24/14 00:00	04/27/15 23:07	53469-21-9	
PCB-1248 (Aroclor 1248)	120	ug/kg	32.6	1	04/24/14 00:00	04/27/15 23:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.6	1	04/24/14 00:00	04/27/15 23:07	11097-69-1	
PCB-1260 (Aroclor 1260)	47.9	ug/kg	32.6	1	04/24/14 00:00	04/27/15 23:07	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	62	%	26-127	1	04/24/14 00:00	04/27/15 23:07	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/22/15 00:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-XSFR-H 102 **Lab ID: 60192143037** Collected: 04/16/15 10:05 Received: 04/16/15 16:40 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	04/24/14 00:00	04/27/15 23:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	67.3	1	04/24/14 00:00	04/27/15 23:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.7	1	04/24/14 00:00	04/27/15 23:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.7	1	04/24/14 00:00	04/27/15 23:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.7	1	04/24/14 00:00	04/27/15 23:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.7	1	04/24/14 00:00	04/27/15 23:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.7	1	04/24/14 00:00	04/27/15 23:24	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	44	%	26-127	1	04/24/14 00:00	04/27/15 23:24	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.2	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-XSFR-H 103 **Lab ID: 60192143038** Collected: 04/16/15 10:10 Received: 04/16/15 16:40 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	04/24/14 00:00	04/27/15 23:41	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.7	1	04/24/14 00:00	04/27/15 23:41	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/24/14 00:00	04/27/15 23:41	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/24/14 00:00	04/27/15 23:41	53469-21-9	
PCB-1248 (Aroclor 1248)	186	ug/kg	33.3	1	04/24/14 00:00	04/27/15 23:41	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/24/14 00:00	04/27/15 23:41	11097-69-1	
PCB-1260 (Aroclor 1260)	97.9	ug/kg	33.3	1	04/24/14 00:00	04/27/15 23:41	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	69	%	26-127	1	04/24/14 00:00	04/27/15 23:41	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-XSFR-H 104 **Lab ID: 60192143039** Collected: 04/16/15 10:15 Received: 04/16/15 16:40 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	04/24/14 00:00	04/27/15 23:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.5	1	04/24/14 00:00	04/27/15 23:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.7	1	04/24/14 00:00	04/27/15 23:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.7	1	04/24/14 00:00	04/27/15 23:59	53469-21-9	
PCB-1248 (Aroclor 1248)	142	ug/kg	32.7	1	04/24/14 00:00	04/27/15 23:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.7	1	04/24/14 00:00	04/27/15 23:59	11097-69-1	
PCB-1260 (Aroclor 1260)	103	ug/kg	32.7	1	04/24/14 00:00	04/27/15 23:59	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	04/24/14 00:00	04/27/15 23:59	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	ND	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-XSFR-H 105 **Lab ID: 60192143040** Collected: 04/16/15 10:20 Received: 04/16/15 16:40 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	04/24/14 00:00	04/28/15 00:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.4	1	04/24/14 00:00	04/28/15 00:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.2	1	04/24/14 00:00	04/28/15 00:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.2	1	04/24/14 00:00	04/28/15 00:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.2	1	04/24/14 00:00	04/28/15 00:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.2	1	04/24/14 00:00	04/28/15 00:16	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.2	1	04/24/14 00:00	04/28/15 00:16	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	70	%	26-127	1	04/24/14 00:00	04/28/15 00:16	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.86	%	0.50	1		04/22/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192143

Sample: BFC-XSFR-H 106 **Lab ID: 60192143041** Collected: 04/16/15 10:25 Received: 04/16/15 16:40 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	34.1	1	04/24/14 00:00	04/28/15 00:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	68.2	1	04/24/14 00:00	04/28/15 00:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	34.1	1	04/24/14 00:00	04/28/15 00:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	34.1	1	04/24/14 00:00	04/28/15 00:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	34.1	1	04/24/14 00:00	04/28/15 00:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	34.1	1	04/24/14 00:00	04/28/15 00:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	34.1	1	04/24/14 00:00	04/28/15 00:33	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	50	%	26-127	1	04/24/14 00:00	04/28/15 00:33	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.3	%	0.50	1		04/22/15 00:00		

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192143

QC Batch: OEXT/49050 Analysis Method: EPA 8082
 QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
 Associated Lab Samples: 60192143013, 60192143014, 60192143015, 60192143016, 60192143017, 60192143018, 60192143019, 60192143020, 60192143021, 60192143022, 60192143023, 60192143024

METHOD BLANK: 1554074 Matrix: Solid
 Associated Lab Samples: 60192143013, 60192143014, 60192143015, 60192143016, 60192143017, 60192143018, 60192143019, 60192143020, 60192143021, 60192143022, 60192143023, 60192143024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	04/24/15 23:49	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.2	04/24/15 23:49	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	04/24/15 23:49	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	04/24/15 23:49	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	04/24/15 23:49	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	04/24/15 23:49	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	04/24/15 23:49	
Decachlorobiphenyl (S)	%	79	26-127	04/24/15 23:49	

LABORATORY CONTROL SAMPLE: 1554075

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	160	157	99	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	160	155	97	69-126	
Decachlorobiphenyl (S)	%			80	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1554076 1554077

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		60192143013 Result	Spike Conc.	Spike Conc.	MS Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	167	163	204	179	122	110	12-190	13	31
PCB-1260 (Aroclor 1260)	ug/kg	ND	167	163	150	149	90	91	23-145	1	28
Decachlorobiphenyl (S)	%						65	65	26-127		

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192143

QC Batch: OEXT/49072 Analysis Method: EPA 8082
 QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
 Associated Lab Samples: 60192143025, 60192143026, 60192143027, 60192143028, 60192143029, 60192143030, 60192143031, 60192143032, 60192143034, 60192143035, 60192143036, 60192143037, 60192143038, 60192143039, 60192143040, 60192143041

METHOD BLANK: 1554798 Matrix: Solid

Associated Lab Samples: 60192143025, 60192143026, 60192143027, 60192143028, 60192143029, 60192143030, 60192143031, 60192143032, 60192143034, 60192143035, 60192143036, 60192143037, 60192143038, 60192143039, 60192143040, 60192143041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.5	04/27/15 11:34	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.1	04/27/15 11:34	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.5	04/27/15 11:34	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.5	04/27/15 11:34	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.5	04/27/15 11:34	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.5	04/27/15 11:34	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.5	04/27/15 11:34	
Decachlorobiphenyl (S)	%	78	26-127	04/27/15 11:34	

LABORATORY CONTROL SAMPLE: 1554799

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	154	93	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	166	148	89	69-126	
Decachlorobiphenyl (S)	%			76	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1554800 1554801

Parameter	Units	60192143025		60192143026		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	167	157	224	135	145	12-190	2	31	
PCB-1260 (Aroclor 1260)	ug/kg	35.0	167	157	176	85	94	23-145	3	28	
Decachlorobiphenyl (S)	%					65	66	26-127			

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192143

QC Batch:	OEXT/49149	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
Associated Lab Samples:	60192143033		

METHOD BLANK: 1558034 Matrix: Solid

Associated Lab Samples: 60192143033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.7	04/29/15 10:29	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.5	04/29/15 10:29	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.7	04/29/15 10:29	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.7	04/29/15 10:29	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.7	04/29/15 10:29	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.7	04/29/15 10:29	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.7	04/29/15 10:29	
Decachlorobiphenyl (S)	%	82	26-127	04/29/15 10:29	

LABORATORY CONTROL SAMPLE: 1558035

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	165	164	99	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	165	151	92	69-126	
Decachlorobiphenyl (S)	%			79	26-127	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192143

QC Batch: PMST/10666

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 60192143001, 60192143002, 60192143003, 60192143004, 60192143005, 60192143006, 60192143007, 60192143008, 60192143009, 60192143010, 60192143011, 60192143012, 60192143013

METHOD BLANK: 1554083

Matrix: Solid

Associated Lab Samples: 60192143001, 60192143002, 60192143003, 60192143004, 60192143005, 60192143006, 60192143007, 60192143008, 60192143009, 60192143010, 60192143011, 60192143012, 60192143013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/22/15 00:00	

SAMPLE DUPLICATE: 1554084

Parameter	Units	60192026041 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	1.2	1.2	7	20	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192143

QC Batch:	PMST/10667	Analysis Method:	ASTM D2974
QC Batch Method:	ASTM D2974	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	60192143014, 60192143015, 60192143016, 60192143017, 60192143018, 60192143019, 60192143020, 60192143021, 60192143022, 60192143023, 60192143024, 60192143025, 60192143026, 60192143027, 60192143028, 60192143029, 60192143030, 60192143031, 60192143032, 60192143033		

METHOD BLANK:	1554088	Matrix:	Solid
Associated Lab Samples:	60192143014, 60192143015, 60192143016, 60192143017, 60192143018, 60192143019, 60192143020, 60192143021, 60192143022, 60192143023, 60192143024, 60192143025, 60192143026, 60192143027, 60192143028, 60192143029, 60192143030, 60192143031, 60192143032, 60192143033		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/22/15 00:00	

SAMPLE DUPLICATE: 1554089

Parameter	Units	60192143014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	1.5	1.4	6	20	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192143

QC Batch: PMST/10668

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 60192143034, 60192143035, 60192143036, 60192143037, 60192143038, 60192143039, 60192143040, 60192143041

METHOD BLANK: 1554090

Matrix: Solid

Associated Lab Samples: 60192143034, 60192143035, 60192143036, 60192143037, 60192143038, 60192143039, 60192143040, 60192143041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/22/15 00:00	

SAMPLE DUPLICATE: 1554091

Parameter	Units	60192143034 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	0.90	0.89	0	20	

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QUALIFIERS

Project: Bannister IL 1561

Pace Project No.: 60192143

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

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL 1561

Pace Project No.: 60192143

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60192143001	BFC-U37B-H 104	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143002	BFC-U37B-H 105	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143003	BFC-U37B-H 106	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143004	BFC-U37B-H 107	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143005	BFC-U37B-H 108	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143006	BFC-U37B-H 109	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143007	BFC-U37B-H 110A	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143008	BFC-U37B-H 110B	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143009	BFC-U37B-H 111	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143010	BFC-U37B-H 112	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143011	BFC-U37B-H 113	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143012	BFC-U37B-H 114	EPA 3546	OEXT/49049	EPA 8082	GCSV/18806
60192143013	BFC-U37B-H 115	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143014	BFC-U37B-H 116	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143015	BFC-U37B-H 117	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143016	BFC-U37B-H 118	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143017	BFC-U37B-H 119	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143018	BFC-U37B-H 120	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143019	BFC-U37B-H 121	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143020	BFC-U37B-H 122	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143021	BFC-U37B-H 123	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143022	BFC-U37B-H 124	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143023	BFC-U37B-H 125	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143024	BFC-U37B-H 126	EPA 3546	OEXT/49050	EPA 8082	GCSV/18807
60192143025	BFC-U37B-H 127	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143026	BFC-U37B-H 128	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143027	BFC-U37B-H 129	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143028	BFC-U37B-H 130A	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143029	BFC-U37B-H 130B	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143030	BFC-U37B-H 131	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143031	BFC-U37B-H 132	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143032	BFC-U37B-H 133	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143033	BFC-U37B-H 134	EPA 3546	OEXT/49149	EPA 8082	GCSV/18831
60192143034	BFC-U37B-H 135	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143035	BFC-U37B-H 136	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143036	BFC-XSFR-H 101	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143037	BFC-XSFR-H 102	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143038	BFC-XSFR-H 103	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143039	BFC-XSFR-H 104	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143040	BFC-XSFR-H 105	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143041	BFC-XSFR-H 106	EPA 3546	OEXT/49072	EPA 8082	GCSV/18817
60192143001	BFC-U37B-H 104	ASTM D2974	PMST/10666		
60192143002	BFC-U37B-H 105	ASTM D2974	PMST/10666		
60192143003	BFC-U37B-H 106	ASTM D2974	PMST/10666		
60192143004	BFC-U37B-H 107	ASTM D2974	PMST/10666		
60192143005	BFC-U37B-H 108	ASTM D2974	PMST/10666		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL 1561

Pace Project No.: 60192143

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60192143006	BFC-U37B-H 109	ASTM D2974	PMST/10666		
60192143007	BFC-U37B-H 110A	ASTM D2974	PMST/10666		
60192143008	BFC-U37B-H 110B	ASTM D2974	PMST/10666		
60192143009	BFC-U37B-H 111	ASTM D2974	PMST/10666		
60192143010	BFC-U37B-H 112	ASTM D2974	PMST/10666		
60192143011	BFC-U37B-H 113	ASTM D2974	PMST/10666		
60192143012	BFC-U37B-H 114	ASTM D2974	PMST/10666		
60192143013	BFC-U37B-H 115	ASTM D2974	PMST/10666		
60192143014	BFC-U37B-H 116	ASTM D2974	PMST/10667		
60192143015	BFC-U37B-H 117	ASTM D2974	PMST/10667		
60192143016	BFC-U37B-H 118	ASTM D2974	PMST/10667		
60192143017	BFC-U37B-H 119	ASTM D2974	PMST/10667		
60192143018	BFC-U37B-H 120	ASTM D2974	PMST/10667		
60192143019	BFC-U37B-H 121	ASTM D2974	PMST/10667		
60192143020	BFC-U37B-H 122	ASTM D2974	PMST/10667		
60192143021	BFC-U37B-H 123	ASTM D2974	PMST/10667		
60192143022	BFC-U37B-H 124	ASTM D2974	PMST/10667		
60192143023	BFC-U37B-H 125	ASTM D2974	PMST/10667		
60192143024	BFC-U37B-H 126	ASTM D2974	PMST/10667		
60192143025	BFC-U37B-H 127	ASTM D2974	PMST/10667		
60192143026	BFC-U37B-H 128	ASTM D2974	PMST/10667		
60192143027	BFC-U37B-H 129	ASTM D2974	PMST/10667		
60192143028	BFC-U37B-H 130A	ASTM D2974	PMST/10667		
60192143029	BFC-U37B-H 130B	ASTM D2974	PMST/10667		
60192143030	BFC-U37B-H 131	ASTM D2974	PMST/10667		
60192143031	BFC-U37B-H 132	ASTM D2974	PMST/10667		
60192143032	BFC-U37B-H 133	ASTM D2974	PMST/10667		
60192143033	BFC-U37B-H 134	ASTM D2974	PMST/10667		
60192143034	BFC-U37B-H 135	ASTM D2974	PMST/10668		
60192143035	BFC-U37B-H 136	ASTM D2974	PMST/10668		
60192143036	BFC-XSFR-H 101	ASTM D2974	PMST/10668		
60192143037	BFC-XSFR-H 102	ASTM D2974	PMST/10668		
60192143038	BFC-XSFR-H 103	ASTM D2974	PMST/10668		
60192143039	BFC-XSFR-H 104	ASTM D2974	PMST/10668		
60192143040	BFC-XSFR-H 105	ASTM D2974	PMST/10668		
60192143041	BFC-XSFR-H 106	ASTM D2974	PMST/10668		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO# : 60192143



Client Name: Brandenburg

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 ^{RF-0.1} ^{CF-1.8} Type of Ice: Wet Blue None Samples received on ice, cooling process has begun. (circle one)

Cooler Temperature: 5-7
Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: pv 4/17/15

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	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>		
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 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: <u>MO</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: 04/17/15



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:	Section B Required Project Information:	Section C Invoice Information:	Page : 1 Of 1
Company: Brandenberg Industrial Service Co.	Report To: Nick Rojas	Attention: Bryan Robertson/Accounts Payable	
Address: 2625 S. Loomis St. Chicago, IL 60608	Copy To:	Company Name: Brandenberg Industrial Service Co. Address: 2625 S. Loomis St. Chicago, IL 60608	
Email: roinic@brandenburg.com	Purchase Order #: 506848	Pace Quote: 18296	Regulatory Agency
Phone: 312-405-0704	Project Name: Bannister	Pace Project Manager: Alice Flanagan, 913-563-1409	State / Location MO
Requested Due Date: 10/14/15	Project #: IL1561	Pace Profile #: 8372	

ITEM #	MATRIX	CODE	COLLECTED				RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP IN C	Requested Analysis Filtered (Y/N)			Samples Intact (Y/N)	Cooler Sealed (Y/N)	Custody (Y/N)	Received on
			START DATE	END DATE	START TIME	END TIME								Residual Chlorine	Flashpoint	8260 VOCs full list				
1	BFC-U37B-H115	DW	4/16/15	4/16/15	7:05	7:10	4/16/15 4:05	4/16/15 4:06		4/16/15 4:06				Y	Y	Y				
2	BFC-U37B-H116	WT			7:10	7:15														
3	BFC-U37B-H117	WW			7:15	7:20														
4	BFC-U37B-H118	P			7:20	7:25														
5	BFC-U37B-H119	SL			7:25	7:30														
6	BFC-U37B-H120	OL			7:30	7:35														
7	BFC-U37B-H121	WP			7:35	7:40														
8	BFC-U37B-H122	AR			7:40	7:45														
9	BFC-U37B-H123	OT			7:45	7:50														
10	BFC-U37B-H124	TS			7:50	7:55														
11	BFC-U37B-H125				7:55	8:00														
12	BFC-U37B-H126				8:00	8:05														

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: <u>Diana Rojas</u>		DATE Signed: <u>4/16/15</u>	
SIGNATURE of SAMPLER: <u>[Signature]</u>			

May 04, 2015

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

RE: Project: Bannister IL 1561
Pace Project No.: 60192187

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 17, 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.: 60192187

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

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SAMPLE SUMMARY

Project: Bannister IL 1561

Pace Project No.: 60192187

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60192187001	BFC-ROOF-R 101	Solid	04/17/15 06:00	04/17/15 15:45
60192187002	BFC-ROOF-R 102	Solid	04/17/15 06:05	04/17/15 15:45
60192187003	BFC-ROOF-R 103	Solid	04/17/15 06:10	04/17/15 15:45
60192187004	BFC-ROOF-R 104	Solid	04/17/15 06:15	04/17/15 15:45
60192187005	BFC-ROOF-R 105	Solid	04/17/15 06:20	04/17/15 15:45
60192187006	BFC-ROOF-R 106	Solid	04/17/15 06:25	04/17/15 15:45
60192187007	BFC-ROOF-R 107	Solid	04/17/15 06:30	04/17/15 15:45
60192187008	BFC-ROOF-R 108	Solid	04/17/15 06:35	04/17/15 15:45
60192187009	BFC-ROOF-R 109	Solid	04/17/15 06:40	04/17/15 15:45
60192187010	BFC-ROOF-R 110A	Solid	04/17/15 06:45	04/17/15 15:45
60192187011	BFC-ROOF-R 110B	Solid	04/17/15 06:45	04/17/15 15:45
60192187012	BFC-ROOF-R 111	Solid	04/17/15 06:50	04/17/15 15:45
60192187013	BFC-ROOF-R 112	Solid	04/17/15 06:55	04/17/15 15:45
60192187014	BFC-ROOF-R 113	Solid	04/17/15 07:00	04/17/15 15:45
60192187015	BFC-ROOF-R 114	Solid	04/17/15 07:05	04/17/15 15:45
60192187016	BFC-ROOF-R 115	Solid	04/17/15 07:10	04/17/15 15:45
60192187017	BFC-ROOF-R 116	Solid	04/17/15 07:15	04/17/15 15:45
60192187018	BFC-ROOF-R 117	Solid	04/17/15 07:20	04/17/15 15:45
60192187019	BFC-ROOF-R 118	Solid	04/17/15 07:25	04/17/15 15:45
60192187020	BFC-ROOF-R 119	Solid	04/17/15 07:30	04/17/15 15:45
60192187021	BFC-ROOF-R 120	Solid	04/17/15 07:35	04/17/15 15:45

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60192187

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60192187001	BFC-ROOF-R 101	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187002	BFC-ROOF-R 102	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187003	BFC-ROOF-R 103	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187004	BFC-ROOF-R 104	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187005	BFC-ROOF-R 105	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187006	BFC-ROOF-R 106	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187007	BFC-ROOF-R 107	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187008	BFC-ROOF-R 108	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187009	BFC-ROOF-R 109	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187010	BFC-ROOF-R 110A	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187011	BFC-ROOF-R 110B	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187012	BFC-ROOF-R 111	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187013	BFC-ROOF-R 112	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187014	BFC-ROOF-R 113	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187015	BFC-ROOF-R 114	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187016	BFC-ROOF-R 115	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187017	BFC-ROOF-R 116	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187018	BFC-ROOF-R 117	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192187019	BFC-ROOF-R 118	EPA 8082	JDH	8

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60192187

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60192187020	BFC-ROOF-R 119	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60192187021	BFC-ROOF-R 120	ASTM D2974	DWC	1
		EPA 8082	JDH	8
		ASTM D2974	DWC	1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 101 **Lab ID: 60192187001** Collected: 04/17/15 06:00 Received: 04/17/15 15:45 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	2980	10	04/24/15 00:00	04/29/15 16:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	5970	10	04/24/15 00:00	04/29/15 16:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	2980	10	04/24/15 00:00	04/29/15 16:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	2980	10	04/24/15 00:00	04/29/15 16:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	2980	10	04/24/15 00:00	04/29/15 16:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	2980	10	04/24/15 00:00	04/29/15 16:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	2980	10	04/24/15 00:00	04/29/15 16:33	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/24/15 00:00	04/29/15 16:33	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	33.9	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 102 **Lab ID: 60192187002** Collected: 04/17/15 06:05 Received: 04/17/15 15:45 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	1930	20	04/24/15 00:00	04/29/15 16:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	3860	20	04/24/15 00:00	04/29/15 16:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1930	20	04/24/15 00:00	04/29/15 16:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1930	20	04/24/15 00:00	04/29/15 16:50	53469-21-9	
PCB-1248 (Aroclor 1248)	870J	ug/kg	1930	20	04/24/15 00:00	04/29/15 16:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	1930	20	04/24/15 00:00	04/29/15 16:50	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	1930	20	04/24/15 00:00	04/29/15 16:50	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	20	04/24/15 00:00	04/29/15 16:50	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.85	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 103 **Lab ID: 60192187003** Collected: 04/17/15 06:10 Received: 04/17/15 15:45 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	2190	10	04/24/15 00:00	04/29/15 17:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	4380	10	04/24/15 00:00	04/29/15 17:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	2190	10	04/24/15 00:00	04/29/15 17:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	2190	10	04/24/15 00:00	04/29/15 17:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	2190	10	04/24/15 00:00	04/29/15 17:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	2190	10	04/24/15 00:00	04/29/15 17:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	2190	10	04/24/15 00:00	04/29/15 17:07	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/24/15 00:00	04/29/15 17:07	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	23.6	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 104 **Lab ID: 60192187004** Collected: 04/17/15 06:15 Received: 04/17/15 15:45 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	3090	10	04/24/15 00:00	04/29/15 17:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	6190	10	04/24/15 00:00	04/29/15 17:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	3090	10	04/24/15 00:00	04/29/15 17:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	3090	10	04/24/15 00:00	04/29/15 17:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	3090	10	04/24/15 00:00	04/29/15 17:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	3090	10	04/24/15 00:00	04/29/15 17:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	3090	10	04/24/15 00:00	04/29/15 17:24	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/24/15 00:00	04/29/15 17:24	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	38.2	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 105 **Lab ID: 60192187005** Collected: 04/17/15 06:20 Received: 04/17/15 15:45 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	3750	20	04/24/15 00:00	04/29/15 17:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	7500	20	04/24/15 00:00	04/29/15 17:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	3750	20	04/24/15 00:00	04/29/15 17:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	3750	20	04/24/15 00:00	04/29/15 17:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	3750	20	04/24/15 00:00	04/29/15 17:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	3750	20	04/24/15 00:00	04/29/15 17:42	11097-69-1	
PCB-1260 (Aroclor 1260)	2630J	ug/kg	3750	20	04/24/15 00:00	04/29/15 17:42	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	20	04/24/15 00:00	04/29/15 17:42	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.89	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 106 **Lab ID: 60192187006** Collected: 04/17/15 06:25 Received: 04/17/15 15:45 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	4100	20	04/24/15 00:00	04/29/15 18:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	8210	20	04/24/15 00:00	04/29/15 18:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	4100	20	04/24/15 00:00	04/29/15 18:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	4100	20	04/24/15 00:00	04/29/15 18:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	4100	20	04/24/15 00:00	04/29/15 18:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	4100	20	04/24/15 00:00	04/29/15 18:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	4100	20	04/24/15 00:00	04/29/15 18:33	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	20	04/24/15 00:00	04/29/15 18:33	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	9.8	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 107 **Lab ID: 60192187007** Collected: 04/17/15 06:30 Received: 04/17/15 15:45 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	1900	10	04/24/15 00:00	04/29/15 18:51	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	3800	10	04/24/15 00:00	04/29/15 18:51	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1900	10	04/24/15 00:00	04/29/15 18:51	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1900	10	04/24/15 00:00	04/29/15 18:51	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	1900	10	04/24/15 00:00	04/29/15 18:51	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	1900	10	04/24/15 00:00	04/29/15 18:51	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	1900	10	04/24/15 00:00	04/29/15 18:51	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/24/15 00:00	04/29/15 18:51	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.68	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 108 **Lab ID: 60192187008** Collected: 04/17/15 06:35 Received: 04/17/15 15:45 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	3010	10	04/24/15 00:00	04/29/15 19:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	6020	10	04/24/15 00:00	04/29/15 19:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	3010	10	04/24/15 00:00	04/29/15 19:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	3010	10	04/24/15 00:00	04/29/15 19:08	53469-21-9	
PCB-1248 (Aroclor 1248)	2880J	ug/kg	3010	10	04/24/15 00:00	04/29/15 19:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	3010	10	04/24/15 00:00	04/29/15 19:08	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	3010	10	04/24/15 00:00	04/29/15 19:08	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/24/15 00:00	04/29/15 19:08	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	43.2	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 109 **Lab ID: 60192187009** Collected: 04/17/15 06:40 Received: 04/17/15 15:45 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	3820	20	04/24/15 00:00	04/28/15 21:03	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	7650	20	04/24/15 00:00	04/28/15 21:03	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	3820	20	04/24/15 00:00	04/28/15 21:03	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	3820	20	04/24/15 00:00	04/28/15 21:03	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	3820	20	04/24/15 00:00	04/28/15 21:03	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	3820	20	04/24/15 00:00	04/28/15 21:03	11097-69-1	
PCB-1260 (Aroclor 1260)	23800	ug/kg	3820	20	04/24/15 00:00	04/28/15 21:03	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	20	04/24/15 00:00	04/28/15 21:03	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	5.2	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 110A **Lab ID: 60192187010** Collected: 04/17/15 06:45 Received: 04/17/15 15:45 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	1870	10	04/24/15 00:00	04/29/15 19:25	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	3740	10	04/24/15 00:00	04/29/15 19:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1870	10	04/24/15 00:00	04/29/15 19:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1870	10	04/24/15 00:00	04/29/15 19:25	53469-21-9	
PCB-1248 (Aroclor 1248)	895J	ug/kg	1870	10	04/24/15 00:00	04/29/15 19:25	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	1870	10	04/24/15 00:00	04/29/15 19:25	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	1870	10	04/24/15 00:00	04/29/15 19:25	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/24/15 00:00	04/29/15 19:25	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.60	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 110B **Lab ID: 60192187011** Collected: 04/17/15 06:45 Received: 04/17/15 15:45 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	3960	20	04/24/15 00:00	04/29/15 19:43	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	7910	20	04/24/15 00:00	04/29/15 19:43	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	3960	20	04/24/15 00:00	04/29/15 19:43	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	3960	20	04/24/15 00:00	04/29/15 19:43	53469-21-9	
PCB-1248 (Aroclor 1248)	1440J	ug/kg	3960	20	04/24/15 00:00	04/29/15 19:43	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	3960	20	04/24/15 00:00	04/29/15 19:43	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	3960	20	04/24/15 00:00	04/29/15 19:43	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	20	04/24/15 00:00	04/29/15 19:43	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	ND	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 111 **Lab ID: 60192187012** Collected: 04/17/15 06:50 Received: 04/17/15 15:45 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	3260	10	04/24/15 00:00	04/29/15 20:00	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	6520	10	04/24/15 00:00	04/29/15 20:00	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	3260	10	04/24/15 00:00	04/29/15 20:00	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	3260	10	04/24/15 00:00	04/29/15 20:00	53469-21-9	
PCB-1248 (Aroclor 1248)	1320J	ug/kg	3260	10	04/24/15 00:00	04/29/15 20:00	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	3260	10	04/24/15 00:00	04/29/15 20:00	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	3260	10	04/24/15 00:00	04/29/15 20:00	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/24/15 00:00	04/29/15 20:00	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	40.4	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 112 **Lab ID: 60192187013** Collected: 04/17/15 06:55 Received: 04/17/15 15:45 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	10800	10	04/28/15 00:00	05/03/15 15:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	21500	10	04/28/15 00:00	05/03/15 15:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	10800	10	04/28/15 00:00	05/03/15 15:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	10800	10	04/28/15 00:00	05/03/15 15:52	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	10800	10	04/28/15 00:00	05/03/15 15:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	10800	10	04/28/15 00:00	05/03/15 15:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	10800	10	04/28/15 00:00	05/03/15 15:52	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/03/15 15:52	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	20.1	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 113 **Lab ID: 60192187014** Collected: 04/17/15 07:00 Received: 04/17/15 15:45 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	11100	10	04/28/15 00:00	05/03/15 17:02	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	22200	10	04/28/15 00:00	05/03/15 17:02	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	11100	10	04/28/15 00:00	05/03/15 17:02	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	11100	10	04/28/15 00:00	05/03/15 17:02	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	11100	10	04/28/15 00:00	05/03/15 17:02	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	11100	10	04/28/15 00:00	05/03/15 17:02	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	11100	10	04/28/15 00:00	05/03/15 17:02	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/03/15 17:02	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	24.3	%	0.50	1		04/23/15 00:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 114 **Lab ID: 60192187015** Collected: 04/17/15 07:05 Received: 04/17/15 15:45 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	11300	10	04/28/15 00:00	05/03/15 17:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	22500	10	04/28/15 00:00	05/03/15 17:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	11300	10	04/28/15 00:00	05/03/15 17:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	11300	10	04/28/15 00:00	05/03/15 17:36	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	11300	10	04/28/15 00:00	05/03/15 17:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	11300	10	04/28/15 00:00	05/03/15 17:36	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	11300	10	04/28/15 00:00	05/03/15 17:36	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/03/15 17:36	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	24.2	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 115 **Lab ID: 60192187016** Collected: 04/17/15 07:10 Received: 04/17/15 15:45 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	13400	10	04/28/15 00:00	05/03/15 18:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	26700	10	04/28/15 00:00	05/03/15 18:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	13400	10	04/28/15 00:00	05/03/15 18:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	13400	10	04/28/15 00:00	05/03/15 18:11	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	13400	10	04/28/15 00:00	05/03/15 18:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	13400	10	04/28/15 00:00	05/03/15 18:11	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	13400	10	04/28/15 00:00	05/03/15 18:11	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/03/15 18:11	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	30.7	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 116 **Lab ID: 60192187017** Collected: 04/17/15 07:15 Received: 04/17/15 15:45 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	8990	10	04/28/15 00:00	05/03/15 19:20	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	18000	10	04/28/15 00:00	05/03/15 19:20	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	8990	10	04/28/15 00:00	05/03/15 19:20	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	8990	10	04/28/15 00:00	05/03/15 19:20	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	8990	10	04/28/15 00:00	05/03/15 19:20	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	8990	10	04/28/15 00:00	05/03/15 19:20	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	8990	10	04/28/15 00:00	05/03/15 19:20	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/03/15 19:20	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.74	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 117 **Lab ID: 60192187018** Collected: 04/17/15 07:20 Received: 04/17/15 15:45 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	9980	10	04/28/15 00:00	05/03/15 19:54	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	20000	10	04/28/15 00:00	05/03/15 19:54	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9980	10	04/28/15 00:00	05/03/15 19:54	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9980	10	04/28/15 00:00	05/03/15 19:54	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	9980	10	04/28/15 00:00	05/03/15 19:54	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9980	10	04/28/15 00:00	05/03/15 19:54	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9980	10	04/28/15 00:00	05/03/15 19:54	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/03/15 19:54	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	15.2	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 118 **Lab ID: 60192187019** Collected: 04/17/15 07:25 Received: 04/17/15 15:45 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	8680	10	04/28/15 00:00	05/03/15 20:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	17400	10	04/28/15 00:00	05/03/15 20:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	8680	10	04/28/15 00:00	05/03/15 20:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	8680	10	04/28/15 00:00	05/03/15 20:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	8680	10	04/28/15 00:00	05/03/15 20:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	8680	10	04/28/15 00:00	05/03/15 20:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	8680	10	04/28/15 00:00	05/03/15 20:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/03/15 20:29	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.78	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 119 **Lab ID: 60192187020** Collected: 04/17/15 07:30 Received: 04/17/15 15:45 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	11100	10	04/28/15 00:00	05/03/15 21:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	22200	10	04/28/15 00:00	05/03/15 21:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	11100	10	04/28/15 00:00	05/03/15 21:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	11100	10	04/28/15 00:00	05/03/15 21:38	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	11100	10	04/28/15 00:00	05/03/15 21:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	11100	10	04/28/15 00:00	05/03/15 21:38	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	11100	10	04/28/15 00:00	05/03/15 21:38	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/03/15 21:38	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	14.2	%	0.50	1		04/23/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192187

Sample: BFC-ROOF-R 120 **Lab ID: 60192187021** Collected: 04/17/15 07:35 Received: 04/17/15 15:45 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	13500	10	04/28/15 00:00	05/03/15 22:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	26900	10	04/28/15 00:00	05/03/15 22:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	13500	10	04/28/15 00:00	05/03/15 22:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	13500	10	04/28/15 00:00	05/03/15 22:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	13500	10	04/28/15 00:00	05/03/15 22:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	13500	10	04/28/15 00:00	05/03/15 22:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	13500	10	04/28/15 00:00	05/03/15 22:13	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/03/15 22:13	2051-24-3	D3,S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	30.6	%	0.50	1		04/23/15 00:00		

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192187

QC Batch: OEXT/49108 Analysis Method: EPA 8082
 QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
 Associated Lab Samples: 60192187001, 60192187002, 60192187003, 60192187004, 60192187005, 60192187006, 60192187007, 60192187008, 60192187009, 60192187010, 60192187011, 60192187012

METHOD BLANK: 1556163 Matrix: Solid
 Associated Lab Samples: 60192187001, 60192187002, 60192187003, 60192187004, 60192187005, 60192187006, 60192187007, 60192187008, 60192187009, 60192187010, 60192187011, 60192187012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.5	04/28/15 16:26	
PCB-1221 (Aroclor 1221)	ug/kg	ND	64.9	04/28/15 16:26	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.5	04/28/15 16:26	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.5	04/28/15 16:26	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.5	04/28/15 16:26	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.5	04/28/15 16:26	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.5	04/28/15 16:26	
Decachlorobiphenyl (S)	%	68	26-127	04/28/15 16:26	

LABORATORY CONTROL SAMPLE: 1556164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	163	147	90	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	163	149	91	69-126	
Decachlorobiphenyl (S)	%			77	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1556165 1556166

Parameter	Units	60192187001 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	1320	1770J	1460	2090J	134	143	12-190		31	
PCB-1260 (Aroclor 1260)	ug/kg	ND	1320	1550J	1460	1840J	118	126	23-145		28	
Decachlorobiphenyl (S)	%						0	0	26-127			S4

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.

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192187

QC Batch: PMST/10672

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 60192187001, 60192187002, 60192187003, 60192187004, 60192187005, 60192187006, 60192187007, 60192187008, 60192187009

METHOD BLANK: 1554850

Matrix: Solid

Associated Lab Samples: 60192187001, 60192187002, 60192187003, 60192187004, 60192187005, 60192187006, 60192187007, 60192187008, 60192187009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/23/15 00:00	

SAMPLE DUPLICATE: 1554851

Parameter	Units	60192164014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.7	23.9	1	20	

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QUALIFIERS

Project: Bannister IL 1561

Pace Project No.: 60192187

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.

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL 1561

Pace Project No.: 60192187

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60192187001	BFC-ROOF-R 101	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187002	BFC-ROOF-R 102	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187003	BFC-ROOF-R 103	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187004	BFC-ROOF-R 104	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187005	BFC-ROOF-R 105	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187006	BFC-ROOF-R 106	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187007	BFC-ROOF-R 107	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187008	BFC-ROOF-R 108	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187009	BFC-ROOF-R 109	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187010	BFC-ROOF-R 110A	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187011	BFC-ROOF-R 110B	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187012	BFC-ROOF-R 111	EPA 3546	OEXT/49108	EPA 8082	GCSV/18822
60192187013	BFC-ROOF-R 112	EPA 3546	OEXT/49150	EPA 8082	GCSV/18844
60192187014	BFC-ROOF-R 113	EPA 3546	OEXT/49150	EPA 8082	GCSV/18844
60192187015	BFC-ROOF-R 114	EPA 3546	OEXT/49150	EPA 8082	GCSV/18844
60192187016	BFC-ROOF-R 115	EPA 3546	OEXT/49150	EPA 8082	GCSV/18844
60192187017	BFC-ROOF-R 116	EPA 3546	OEXT/49150	EPA 8082	GCSV/18844
60192187018	BFC-ROOF-R 117	EPA 3546	OEXT/49150	EPA 8082	GCSV/18844
60192187019	BFC-ROOF-R 118	EPA 3546	OEXT/49150	EPA 8082	GCSV/18844
60192187020	BFC-ROOF-R 119	EPA 3546	OEXT/49150	EPA 8082	GCSV/18844
60192187021	BFC-ROOF-R 120	EPA 3546	OEXT/49150	EPA 8082	GCSV/18844
60192187001	BFC-ROOF-R 101	ASTM D2974	PMST/10672		
60192187002	BFC-ROOF-R 102	ASTM D2974	PMST/10672		
60192187003	BFC-ROOF-R 103	ASTM D2974	PMST/10672		
60192187004	BFC-ROOF-R 104	ASTM D2974	PMST/10672		
60192187005	BFC-ROOF-R 105	ASTM D2974	PMST/10672		
60192187006	BFC-ROOF-R 106	ASTM D2974	PMST/10672		
60192187007	BFC-ROOF-R 107	ASTM D2974	PMST/10672		
60192187008	BFC-ROOF-R 108	ASTM D2974	PMST/10672		
60192187009	BFC-ROOF-R 109	ASTM D2974	PMST/10672		
60192187010	BFC-ROOF-R 110A	ASTM D2974	PMST/10673		
60192187011	BFC-ROOF-R 110B	ASTM D2974	PMST/10673		
60192187012	BFC-ROOF-R 111	ASTM D2974	PMST/10673		
60192187013	BFC-ROOF-R 112	ASTM D2974	PMST/10673		
60192187014	BFC-ROOF-R 113	ASTM D2974	PMST/10673		
60192187015	BFC-ROOF-R 114	ASTM D2974	PMST/10673		
60192187016	BFC-ROOF-R 115	ASTM D2974	PMST/10673		
60192187017	BFC-ROOF-R 116	ASTM D2974	PMST/10673		
60192187018	BFC-ROOF-R 117	ASTM D2974	PMST/10673		
60192187019	BFC-ROOF-R 118	ASTM D2974	PMST/10673		
60192187020	BFC-ROOF-R 119	ASTM D2974	PMST/10673		
60192187021	BFC-ROOF-R 120	ASTM D2974	PMST/10673		

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Sample Condition Upon Receipt

WO#: 60192187



60192187

Client Name: Brandenburg

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: JB4/17

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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>120814-3</u>		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: <u>MO</u>

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: mw for AFI

Date: 4/17/15

May 04, 2015

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

RE: Project: Bannister IL 1561
Pace Project No.: 60192287

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 20, 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.: 60192287

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

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SAMPLE SUMMARY

Project: Bannister IL 1561

Pace Project No.: 60192287

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60192287001	BFC-ROOF-R121	Solid	04/20/15 07:00	04/20/15 17:00
60192287002	BFC-ROOF-R122	Solid	04/20/15 07:05	04/20/15 17:00
60192287003	BFC-ROOF-R123	Solid	04/20/15 07:10	04/20/15 17:00
60192287004	BFC-ROOF-R124	Solid	04/20/15 07:15	04/20/15 17:00
60192287005	BFC-ROOF-R125	Solid	04/20/15 07:20	04/20/15 17:00
60192287006	BFC-ROOF-R126	Solid	04/20/15 07:25	04/20/15 17:00
60192287007	BFC-ROOF-R127	Solid	04/20/15 07:30	04/20/15 17:00
60192287008	BFC-ROOF-R128	Solid	04/20/15 07:35	04/20/15 17:00
60192287009	BFC-ROOF-R129	Solid	04/20/15 07:40	04/20/15 17:00
60192287010	BFC-ROOF-R130A	Solid	04/20/15 07:45	04/20/15 17:00
60192287011	BFC-ROOF-R130B	Solid	04/20/15 07:45	04/20/15 17:00
60192287012	BFC-ROOF-R131	Solid	04/20/15 07:50	04/20/15 17:00
60192287013	BFC-ROOF-R132	Solid	04/20/15 07:55	04/20/15 17:00
60192287014	BFC-ROOF-R133	Solid	04/20/15 08:00	04/20/15 17:00
60192287015	BFC-ROOF-R134	Solid	04/20/15 08:05	04/20/15 17:00
60192287016	BFC-ROOF-R135	Solid	04/20/15 08:10	04/20/15 17:00
60192287017	TRIP BLANK	Solid	04/20/15 08:00	04/20/15 17:00

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60192287

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60192287001	BFC-ROOF-R121	EPA 8082	JDH	8
60192287002	BFC-ROOF-R122	EPA 8082	JDH	8
60192287003	BFC-ROOF-R123	EPA 8082	JDH	8
60192287004	BFC-ROOF-R124	EPA 8082	JDH	8
60192287005	BFC-ROOF-R125	EPA 8082	JDH	8
60192287006	BFC-ROOF-R126	EPA 8082	JDH	8
60192287007	BFC-ROOF-R127	EPA 8082	JDH	8
60192287008	BFC-ROOF-R128	EPA 8082	JDH	8
60192287009	BFC-ROOF-R129	EPA 8082	JDH	8
60192287010	BFC-ROOF-R130A	EPA 8082	JDH	8
60192287011	BFC-ROOF-R130B	EPA 8082	JDH	8
60192287012	BFC-ROOF-R131	EPA 8082	JDH	8
60192287013	BFC-ROOF-R132	EPA 8082	JDH	8
60192287014	BFC-ROOF-R133	EPA 8082	JDH	8
60192287015	BFC-ROOF-R134	EPA 8082	JDH	8
60192287016	BFC-ROOF-R135	EPA 8082	JDH	8

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R121 **Lab ID: 60192287001** Collected: 04/20/15 07:00 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	9000	10	04/28/15 00:00	05/04/15 02:15	12674-11-2	M1,R1
PCB-1221 (Aroclor 1221)	ND	ug/kg	18000	10	04/28/15 00:00	05/04/15 02:15	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9000	10	04/28/15 00:00	05/04/15 02:15	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9000	10	04/28/15 00:00	05/04/15 02:15	53469-21-9	
PCB-1248 (Aroclor 1248)	20200	ug/kg	9000	10	04/28/15 00:00	05/04/15 02:15	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9000	10	04/28/15 00:00	05/04/15 02:15	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9000	10	04/28/15 00:00	05/04/15 02:15	11096-82-5	M1
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 02:15	2051-24-3	D3,S4

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R122 **Lab ID: 60192287002** Collected: 04/20/15 07:05 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	9430	10	04/28/15 00:00	05/04/15 02:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	18900	10	04/28/15 00:00	05/04/15 02:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9430	10	04/28/15 00:00	05/04/15 02:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9430	10	04/28/15 00:00	05/04/15 02:50	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	9430	10	04/28/15 00:00	05/04/15 02:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9430	10	04/28/15 00:00	05/04/15 02:50	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9430	10	04/28/15 00:00	05/04/15 02:50	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 02:50	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R123 **Lab ID: 60192287003** Collected: 04/20/15 07:10 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	9080	10	04/28/15 00:00	05/04/15 03:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	18200	10	04/28/15 00:00	05/04/15 03:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9080	10	04/28/15 00:00	05/04/15 03:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9080	10	04/28/15 00:00	05/04/15 03:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	9080	10	04/28/15 00:00	05/04/15 03:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9080	10	04/28/15 00:00	05/04/15 03:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9080	10	04/28/15 00:00	05/04/15 03:24	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 03:24	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R124 **Lab ID: 60192287004** Collected: 04/20/15 07:15 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	8760	10	04/28/15 00:00	05/04/15 03:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	17500	10	04/28/15 00:00	05/04/15 03:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	8760	10	04/28/15 00:00	05/04/15 03:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	8760	10	04/28/15 00:00	05/04/15 03:59	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	8760	10	04/28/15 00:00	05/04/15 03:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	8760	10	04/28/15 00:00	05/04/15 03:59	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	8760	10	04/28/15 00:00	05/04/15 03:59	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 03:59	2051-24-3	S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R125 **Lab ID: 60192287005** Collected: 04/20/15 07:20 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	9800	10	04/28/15 00:00	05/04/15 05:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	19600	10	04/28/15 00:00	05/04/15 05:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9800	10	04/28/15 00:00	05/04/15 05:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9800	10	04/28/15 00:00	05/04/15 05:08	53469-21-9	
PCB-1248 (Aroclor 1248)	6370J	ug/kg	9800	10	04/28/15 00:00	05/04/15 05:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9800	10	04/28/15 00:00	05/04/15 05:08	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9800	10	04/28/15 00:00	05/04/15 05:08	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 05:08	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R126 **Lab ID: 60192287006** Collected: 04/20/15 07:25 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	9430	10	04/28/15 00:00	05/04/15 05:43	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	18900	10	04/28/15 00:00	05/04/15 05:43	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9430	10	04/28/15 00:00	05/04/15 05:43	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9430	10	04/28/15 00:00	05/04/15 05:43	53469-21-9	
PCB-1248 (Aroclor 1248)	8850J	ug/kg	9430	10	04/28/15 00:00	05/04/15 05:43	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9430	10	04/28/15 00:00	05/04/15 05:43	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9430	10	04/28/15 00:00	05/04/15 05:43	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 05:43	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R127 **Lab ID: 60192287007** Collected: 04/20/15 07:30 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	8610	10	04/28/15 00:00	05/04/15 06:17	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	17200	10	04/28/15 00:00	05/04/15 06:17	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	8610	10	04/28/15 00:00	05/04/15 06:17	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	8610	10	04/28/15 00:00	05/04/15 06:17	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	8610	10	04/28/15 00:00	05/04/15 06:17	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	8610	10	04/28/15 00:00	05/04/15 06:17	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	8610	10	04/28/15 00:00	05/04/15 06:17	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 06:17	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R128 **Lab ID: 60192287008** Collected: 04/20/15 07:35 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	9520	10	04/28/15 00:00	05/04/15 06:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	19000	10	04/28/15 00:00	05/04/15 06:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 06:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 06:52	53469-21-9	
PCB-1248 (Aroclor 1248)	6220J	ug/kg	9520	10	04/28/15 00:00	05/04/15 06:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 06:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 06:52	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 06:52	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R129 **Lab ID: 60192287009** Collected: 04/20/15 07:40 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	7800	10	04/28/15 00:00	05/04/15 08:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	15600	10	04/28/15 00:00	05/04/15 08:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	7800	10	04/28/15 00:00	05/04/15 08:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	7800	10	04/28/15 00:00	05/04/15 08:01	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	7800	10	04/28/15 00:00	05/04/15 08:01	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	7800	10	04/28/15 00:00	05/04/15 08:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	7800	10	04/28/15 00:00	05/04/15 08:01	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 08:01	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R130A **Lab ID: 60192287010** Collected: 04/20/15 07:45 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	9710	10	04/28/15 00:00	05/04/15 08:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	19400	10	04/28/15 00:00	05/04/15 08:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9710	10	04/28/15 00:00	05/04/15 08:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9710	10	04/28/15 00:00	05/04/15 08:36	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	9710	10	04/28/15 00:00	05/04/15 08:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9710	10	04/28/15 00:00	05/04/15 08:36	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9710	10	04/28/15 00:00	05/04/15 08:36	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 08:36	2051-24-3	D3,S4

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R130B **Lab ID: 60192287011** Collected: 04/20/15 07:45 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	7920	10	04/28/15 00:00	05/04/15 09:10	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	15800	10	04/28/15 00:00	05/04/15 09:10	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	7920	10	04/28/15 00:00	05/04/15 09:10	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	7920	10	04/28/15 00:00	05/04/15 09:10	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	7920	10	04/28/15 00:00	05/04/15 09:10	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	7920	10	04/28/15 00:00	05/04/15 09:10	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	7920	10	04/28/15 00:00	05/04/15 09:10	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 09:10	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R131 **Lab ID: 60192287012** Collected: 04/20/15 07:50 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	8920	10	04/28/15 00:00	05/04/15 09:45	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	17800	10	04/28/15 00:00	05/04/15 09:45	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	8920	10	04/28/15 00:00	05/04/15 09:45	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	8920	10	04/28/15 00:00	05/04/15 09:45	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	8920	10	04/28/15 00:00	05/04/15 09:45	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	8920	10	04/28/15 00:00	05/04/15 09:45	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	8920	10	04/28/15 00:00	05/04/15 09:45	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 09:45	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R132 **Lab ID: 60192287013** Collected: 04/20/15 07:55 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	9170	10	04/28/15 00:00	05/04/15 10:54	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	18300	10	04/28/15 00:00	05/04/15 10:54	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9170	10	04/28/15 00:00	05/04/15 10:54	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9170	10	04/28/15 00:00	05/04/15 10:54	53469-21-9	
PCB-1248 (Aroclor 1248)	17200	ug/kg	9170	10	04/28/15 00:00	05/04/15 10:54	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9170	10	04/28/15 00:00	05/04/15 10:54	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9170	10	04/28/15 00:00	05/04/15 10:54	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 10:54	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R133 **Lab ID: 60192287014** Collected: 04/20/15 08:00 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	9520	10	04/28/15 00:00	05/04/15 13:47	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	19000	10	04/28/15 00:00	05/04/15 13:47	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 13:47	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 13:47	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 13:47	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 13:47	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 13:47	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 13:47	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R134 **Lab ID: 60192287015** Collected: 04/20/15 08:05 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	8840	10	04/28/15 00:00	05/04/15 12:03	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	17700	10	04/28/15 00:00	05/04/15 12:03	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	8840	10	04/28/15 00:00	05/04/15 12:03	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	8840	10	04/28/15 00:00	05/04/15 12:03	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	8840	10	04/28/15 00:00	05/04/15 12:03	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	8840	10	04/28/15 00:00	05/04/15 12:03	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	8840	10	04/28/15 00:00	05/04/15 12:03	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 12:03	2051-24-3	D3,S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192287

Sample: BFC-ROOF-R135 **Lab ID: 60192287016** Collected: 04/20/15 08:10 Received: 04/20/15 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

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	9520	10	04/28/15 00:00	05/04/15 12:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	19000	10	04/28/15 00:00	05/04/15 12:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 12:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 12:38	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 12:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 12:38	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	9520	10	04/28/15 00:00	05/04/15 12:38	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	04/28/15 00:00	05/04/15 12:38	2051-24-3	D3,S4

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192287

QC Batch: OEXT/49151 Analysis Method: EPA 8082
 QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
 Associated Lab Samples: 60192287001, 60192287002, 60192287003, 60192287004, 60192287005, 60192287006, 60192287007, 60192287008, 60192287009, 60192287010, 60192287011, 60192287012, 60192287013, 60192287014, 60192287015, 60192287016

METHOD BLANK: 1558049 Matrix: Solid

Associated Lab Samples: 60192287001, 60192287002, 60192287003, 60192287004, 60192287005, 60192287006, 60192287007, 60192287008, 60192287009, 60192287010, 60192287011, 60192287012, 60192287013, 60192287014, 60192287015, 60192287016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	825	05/03/15 23:22	
PCB-1221 (Aroclor 1221)	ug/kg	ND	1650	05/03/15 23:22	
PCB-1232 (Aroclor 1232)	ug/kg	ND	825	05/03/15 23:22	
PCB-1242 (Aroclor 1242)	ug/kg	ND	825	05/03/15 23:22	
PCB-1248 (Aroclor 1248)	ug/kg	ND	825	05/03/15 23:22	
PCB-1254 (Aroclor 1254)	ug/kg	ND	825	05/03/15 23:22	
PCB-1260 (Aroclor 1260)	ug/kg	ND	825	05/03/15 23:22	
Decachlorobiphenyl (S)	%	75	26-127	05/03/15 23:22	

LABORATORY CONTROL SAMPLE: 1558050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	4550	3980	88	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	4550	3830	84	69-126	
Decachlorobiphenyl (S)	%			76	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1558051 1558052

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		Spike Conc.	Result	Spike Conc.	Result							
PCB-1016 (Aroclor 1016)	ug/kg	ND	5000	3910	31100	19800	621	508	12-190	44	31	M1, R1
PCB-1260 (Aroclor 1260)	ug/kg	ND	5000	3910	7890J	4840J	158	124	23-145		28	M1
Decachlorobiphenyl (S)	%						0	104	26-127			S4

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 IL 1561

Pace Project No.: 60192287

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.

R1 RPD value was outside 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 IL 1561

Pace Project No.: 60192287

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60192287001	BFC-ROOF-R121	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287002	BFC-ROOF-R122	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287003	BFC-ROOF-R123	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287004	BFC-ROOF-R124	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287005	BFC-ROOF-R125	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287006	BFC-ROOF-R126	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287007	BFC-ROOF-R127	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287008	BFC-ROOF-R128	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287009	BFC-ROOF-R129	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287010	BFC-ROOF-R130A	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287011	BFC-ROOF-R130B	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287012	BFC-ROOF-R131	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287013	BFC-ROOF-R132	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287014	BFC-ROOF-R133	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287015	BFC-ROOF-R134	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856
60192287016	BFC-ROOF-R135	EPA 3546	OEXT/49151	EPA 8082	GCSV/18856

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60192287



Client Name: Brandenburg

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: 5.7

Temperature should be above freezing to 6°C

Date and initials of person examining contents: 2/4/2015

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	
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	
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: <u>MO</u>

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

Person Contacted: Nick Date/Time: 4/21/15

Comments/ Resolution: All samples test positive for asbestos.

Project Manager Review: AKF Date: 4/21/15

May 06, 2015

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

RE: Project: Bannister IL 1561
Pace Project No.: 60192408

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 21, 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.: 60192408

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.: 60192408

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60192408001	BFC-ROFG-H 101	Solid	04/21/15 07:00	04/21/15 17:05
60192408002	BFC-ROFG-H 102	Solid	04/21/15 07:10	04/21/15 17:05
60192408003	BFC-ROFG-H 103	Solid	04/21/15 07:20	04/21/15 17:05
60192408004	BFC-ROFG-H 104	Solid	04/21/15 07:30	04/21/15 17:05
60192408005	BFC-ROFG-H 105	Solid	04/21/15 07:40	04/21/15 17:05
60192408006	BFC-ROFG-H 106	Solid	04/21/15 07:50	04/21/15 17:05
60192408007	BFC-ROFG-H 107	Solid	04/21/15 08:00	04/21/15 17:05
60192408008	BFC-ROFG-H 108	Solid	04/21/15 08:10	04/21/15 17:05
60192408009	BFC-ROFG-H 109	Solid	04/21/15 08:20	04/21/15 17:05
60192408010	BFC-ROFG-H 110	Solid	04/21/15 08:30	04/21/15 17:05
60192408011	BFC-ROFG-H 111	Solid	04/21/15 08:40	04/21/15 17:05
60192408012	BFC-ROFG-H 112	Solid	04/21/15 08:50	04/21/15 17:05
60192408013	BFC-ROFG-H 113	Solid	04/21/15 09:00	04/21/15 17:05
60192408014	BFC-ROFG-H 114A	Solid	04/21/15 09:10	04/21/15 17:05
60192408015	BFC-ROFG-H 114B	Solid	04/21/15 09:10	04/21/15 17:05
60192408016	BFC-ROFG-H 115	Solid	04/21/15 09:20	04/21/15 17:05
60192408017	BFC-ROFG-H 116	Solid	04/21/15 09:30	04/21/15 17:05
60192408018	BFC-ROFG-H 117	Solid	04/21/15 09:40	04/21/15 17:05
60192408019	BFC-ROFG-H 118	Solid	04/21/15 09:50	04/21/15 17:05
60192408020	BFC-ROFG-H 119	Solid	04/21/15 10:00	04/21/15 17:05
60192408021	BFC-ROFG-H 120	Solid	04/21/15 10:10	04/21/15 17:05
60192408022	BFC-ROFG-H 121	Solid	04/21/15 10:20	04/21/15 17:05
60192408023	BFC-ROFG-H 122	Solid	04/21/15 10:30	04/21/15 17:05
60192408024	BFC-ROFG-H 123	Solid	04/21/15 10:40	04/21/15 17:05
60192408025	BFC-ROFG-H 124	Solid	04/21/15 10:50	04/21/15 17:05
60192408026	BFC-ROFG-H 125	Solid	04/21/15 11:00	04/21/15 17:05
60192408027	BFC-ROFG-H 126	Solid	04/21/15 11:10	04/21/15 17:05
60192408028	BFC-ROFG-H 127	Solid	04/21/15 11:20	04/21/15 17:05
60192408029	BFC-ROFG-H 128	Solid	04/21/15 11:30	04/21/15 17:05
60192408030	BFC-ETH2-T 101	Solid	04/21/15 13:00	04/21/15 17:05
60192408031	BFC-ETH2-H 101	Solid	04/21/15 13:10	04/21/15 17:05
60192408032	BFC-ETH2-T 102	Solid	04/21/15 13:30	04/21/15 17:05
60192408033	BFC-ETH2-H 102	Solid	04/21/15 13:40	04/21/15 17:05
60192408034	BFC-BD16-E 1010	Wipe	04/21/15 13:55	04/21/15 17:05
60192408035	BFC-BD16-E 102W	Wipe	04/21/15 14:00	04/21/15 17:05
60192408036	TRIP BLANK	Wipe	04/21/15 14:00	04/21/15 17:05

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60192408

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60192408001	BFC-ROFG-H 101	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192408002	BFC-ROFG-H 102	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192408003	BFC-ROFG-H 103	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192408004	BFC-ROFG-H 104	EPA 8082	JDE	8
		ASTM D2974	DWC	1
60192408005	BFC-ROFG-H 105	EPA 8082	JDE	8
		ASTM D2974	DWC	1
60192408006	BFC-ROFG-H 106	EPA 8082	JDE	8
		ASTM D2974	DWC	1
60192408007	BFC-ROFG-H 107	EPA 8082	JDE	8
		ASTM D2974	DWC	1
60192408008	BFC-ROFG-H 108	EPA 8082	JDE	8
		ASTM D2974	DWC	1
60192408009	BFC-ROFG-H 109	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192408010	BFC-ROFG-H 110	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192408011	BFC-ROFG-H 111	EPA 8082	JDE	8
		ASTM D2974	DWC	1
60192408012	BFC-ROFG-H 112	EPA 8082	JDE	8
		ASTM D2974	DWC	1
60192408013	BFC-ROFG-H 113	EPA 8082	JDE	8
		ASTM D2974	DWC	1
60192408014	BFC-ROFG-H 114A	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192408015	BFC-ROFG-H 114B	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192408016	BFC-ROFG-H 115	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192408017	BFC-ROFG-H 116	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60192408018	BFC-ROFG-H 117	EPA 8082	JDE	8
		ASTM D2974	DWC	1
60192408019	BFC-ROFG-H 118	EPA 8082	JDH	8

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60192408

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60192408020	BFC-ROFG-H 119	ASTM D2974	DWC	1
		EPA 8082	JDE	8
60192408021	BFC-ROFG-H 120	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60192408022	BFC-ROFG-H 121	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60192408023	BFC-ROFG-H 122	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60192408024	BFC-ROFG-H 123	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60192408025	BFC-ROFG-H 124	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60192408026	BFC-ROFG-H 125	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60192408027	BFC-ROFG-H 126	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60192408028	BFC-ROFG-H 127	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60192408029	BFC-ROFG-H 128	ASTM D2974	DWC	1
		EPA 8082	JDH	8
60192408030	BFC-ETH2-T 101	ASTM D2974	DWC	1
		EPA 8082	JDH	8
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		EPA 8270	JMT	18
		EPA 8260	TJT	13
		ASTM D2974	DWC	1
60192408031	BFC-ETH2-H 101	EPA 8082	JDH	8
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		EPA 8270	JMT	18
		EPA 8260	TJT	13
		ASTM D2974	DWC	1
		60192408032	BFC-ETH2-T 102	EPA 8082
EPA 6010	JGP			7
EPA 7470	NDJ			1
EPA 8270	JMT			18
EPA 8260	TJT			13

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60192408

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8260	TJT	13
		ASTM D2974	DWC	1
60192408033	BFC-ETH2-H 102	EPA 8082	JDH	8
		EPA 6010	JGP	7
		EPA 7470	NDJ	1
		EPA 8270	JMT	18
		EPA 8260	TJT	13
		ASTM D2974	DWC	1
60192408034	BFC-BD16-E 1010	EPA 8082	JDH	8
60192408035	BFC-BD16-E 102W	EPA 8082	JDH	8

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 101 **Lab ID: 60192408001** Collected: 04/21/15 07:00 Received: 04/21/15 17:05 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	985	1	05/04/15 00:00	05/05/15 19:34	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1970	1	05/04/15 00:00	05/05/15 19:34	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	985	1	05/04/15 00:00	05/05/15 19:34	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	985	1	05/04/15 00:00	05/05/15 19:34	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	985	1	05/04/15 00:00	05/05/15 19:34	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	985	1	05/04/15 00:00	05/05/15 19:34	11097-69-1	
PCB-1260 (Aroclor 1260)	1590	ug/kg	985	1	05/04/15 00:00	05/05/15 19:34	11096-82-5	R1
Surrogates								
Decachlorobiphenyl (S)	74	%	26-127	1	05/04/15 00:00	05/05/15 19:34	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 102 **Lab ID: 60192408002** Collected: 04/21/15 07:10 Received: 04/21/15 17:05 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	1010	1	05/04/15 00:00	05/05/15 19:51	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	2020	1	05/04/15 00:00	05/05/15 19:51	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1010	1	05/04/15 00:00	05/05/15 19:51	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1010	1	05/04/15 00:00	05/05/15 19:51	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	1010	1	05/04/15 00:00	05/05/15 19:51	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	1010	1	05/04/15 00:00	05/05/15 19:51	11097-69-1	
PCB-1260 (Aroclor 1260)	1720	ug/kg	1010	1	05/04/15 00:00	05/05/15 19:51	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	75	%	26-127	1	05/04/15 00:00	05/05/15 19:51	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.7	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 103 **Lab ID: 60192408003** Collected: 04/21/15 07:20 Received: 04/21/15 17:05 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	1000	1	05/04/15 00:00	05/05/15 20:09	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	2010	1	05/04/15 00:00	05/05/15 20:09	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1000	1	05/04/15 00:00	05/05/15 20:09	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1000	1	05/04/15 00:00	05/05/15 20:09	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	1000	1	05/04/15 00:00	05/05/15 20:09	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	1000	1	05/04/15 00:00	05/05/15 20:09	11097-69-1	
PCB-1260 (Aroclor 1260)	12800	ug/kg	1000	1	05/04/15 00:00	05/05/15 20:09	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	73	%	26-127	1	05/04/15 00:00	05/05/15 20:09	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 104 **Lab ID: 60192408004** Collected: 04/21/15 07:30 Received: 04/21/15 17:05 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	19600	20	05/04/15 00:00	05/06/15 09:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39200	20	05/04/15 00:00	05/06/15 09:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	19600	20	05/04/15 00:00	05/06/15 09:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	19600	20	05/04/15 00:00	05/06/15 09:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	19600	20	05/04/15 00:00	05/06/15 09:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	19600	20	05/04/15 00:00	05/06/15 09:49	11097-69-1	
PCB-1260 (Aroclor 1260)	335000	ug/kg	19600	20	05/04/15 00:00	05/06/15 09:49	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	20	05/04/15 00:00	05/06/15 09:49	2051-24-3	S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.96	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 105 **Lab ID: 60192408005** Collected: 04/21/15 07:40 Received: 04/21/15 17:05 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	8180	10	05/04/15 00:00	05/06/15 10:06	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	16400	10	05/04/15 00:00	05/06/15 10:06	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	8180	10	05/04/15 00:00	05/06/15 10:06	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	8180	10	05/04/15 00:00	05/06/15 10:06	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	8180	10	05/04/15 00:00	05/06/15 10:06	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	8180	10	05/04/15 00:00	05/06/15 10:06	11097-69-1	
PCB-1260 (Aroclor 1260)	86300	ug/kg	8180	10	05/04/15 00:00	05/06/15 10:06	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	05/04/15 00:00	05/06/15 10:06	2051-24-3	S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.76	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 106 **Lab ID: 60192408006** Collected: 04/21/15 07:50 Received: 04/21/15 17:05 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	984	1	05/04/15 00:00	05/06/15 10:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1970	1	05/04/15 00:00	05/06/15 10:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	984	1	05/04/15 00:00	05/06/15 10:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	984	1	05/04/15 00:00	05/06/15 10:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	984	1	05/04/15 00:00	05/06/15 10:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	984	1	05/04/15 00:00	05/06/15 10:24	11097-69-1	
PCB-1260 (Aroclor 1260)	4970	ug/kg	984	1	05/04/15 00:00	05/06/15 10:24	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	75	%	26-127	1	05/04/15 00:00	05/06/15 10:24	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 107 **Lab ID: 60192408007** Collected: 04/21/15 08:00 Received: 04/21/15 17:05 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	19500	20	05/04/15 00:00	05/06/15 10:41	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39000	20	05/04/15 00:00	05/06/15 10:41	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	19500	20	05/04/15 00:00	05/06/15 10:41	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	19500	20	05/04/15 00:00	05/06/15 10:41	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	19500	20	05/04/15 00:00	05/06/15 10:41	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	19500	20	05/04/15 00:00	05/06/15 10:41	11097-69-1	
PCB-1260 (Aroclor 1260)	235000	ug/kg	19500	20	05/04/15 00:00	05/06/15 10:41	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	20	05/04/15 00:00	05/06/15 10:41	2051-24-3	S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 108 **Lab ID: 60192408008** Collected: 04/21/15 08:10 Received: 04/21/15 17:05 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	931	1	05/04/15 00:00	05/06/15 10:58	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1860	1	05/04/15 00:00	05/06/15 10:58	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	931	1	05/04/15 00:00	05/06/15 10:58	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	931	1	05/04/15 00:00	05/06/15 10:58	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	931	1	05/04/15 00:00	05/06/15 10:58	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	931	1	05/04/15 00:00	05/06/15 10:58	11097-69-1	
PCB-1260 (Aroclor 1260)	1550	ug/kg	931	1	05/04/15 00:00	05/06/15 10:58	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	76	%	26-127	1	05/04/15 00:00	05/06/15 10:58	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.67	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 109 **Lab ID: 60192408009** Collected: 04/21/15 08:20 Received: 04/21/15 17:05 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	983	1	05/04/15 00:00	05/05/15 22:27	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1970	1	05/04/15 00:00	05/05/15 22:27	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	983	1	05/04/15 00:00	05/05/15 22:27	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	983	1	05/04/15 00:00	05/05/15 22:27	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	983	1	05/04/15 00:00	05/05/15 22:27	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	983	1	05/04/15 00:00	05/05/15 22:27	11097-69-1	
PCB-1260 (Aroclor 1260)	1200	ug/kg	983	1	05/04/15 00:00	05/05/15 22:27	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	73	%	26-127	1	05/04/15 00:00	05/05/15 22:27	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 110 **Lab ID: 60192408010** Collected: 04/21/15 08:30 Received: 04/21/15 17:05 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	858	1	05/04/15 00:00	05/05/15 22:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1720	1	05/04/15 00:00	05/05/15 22:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	858	1	05/04/15 00:00	05/05/15 22:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	858	1	05/04/15 00:00	05/05/15 22:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	858	1	05/04/15 00:00	05/05/15 22:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	858	1	05/04/15 00:00	05/05/15 22:44	11097-69-1	
PCB-1260 (Aroclor 1260)	5230	ug/kg	858	1	05/04/15 00:00	05/05/15 22:44	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	72	%	26-127	1	05/04/15 00:00	05/05/15 22:44	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 111 **Lab ID: 60192408011** Collected: 04/21/15 08:40 Received: 04/21/15 17:05 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	9410	10	05/04/15 00:00	05/06/15 11:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	18800	10	05/04/15 00:00	05/06/15 11:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9410	10	05/04/15 00:00	05/06/15 11:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9410	10	05/04/15 00:00	05/06/15 11:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	9410	10	05/04/15 00:00	05/06/15 11:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9410	10	05/04/15 00:00	05/06/15 11:16	11097-69-1	
PCB-1260 (Aroclor 1260)	156000	ug/kg	9410	10	05/04/15 00:00	05/06/15 11:16	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	05/04/15 00:00	05/06/15 11:16	2051-24-3	S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.6	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 112 **Lab ID: 60192408012** Collected: 04/21/15 08:50 Received: 04/21/15 17:05 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	9210	10	05/04/15 00:00	05/06/15 12:07	12674-11-2	CU
PCB-1221 (Aroclor 1221)	ND	ug/kg	18400	10	05/04/15 00:00	05/06/15 12:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	9210	10	05/04/15 00:00	05/06/15 12:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	9210	10	05/04/15 00:00	05/06/15 12:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	9210	10	05/04/15 00:00	05/06/15 12:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	9210	10	05/04/15 00:00	05/06/15 12:07	11097-69-1	
PCB-1260 (Aroclor 1260)	29500	ug/kg	9210	10	05/04/15 00:00	05/06/15 12:07	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	10	05/04/15 00:00	05/06/15 12:07	2051-24-3	S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 113 **Lab ID: 60192408013** Collected: 04/21/15 09:00 Received: 04/21/15 17:05 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	886	1	05/04/15 00:00	05/06/15 12:25	12674-11-2	CU
PCB-1221 (Aroclor 1221)	ND	ug/kg	1770	1	05/04/15 00:00	05/06/15 12:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	886	1	05/04/15 00:00	05/06/15 12:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	886	1	05/04/15 00:00	05/06/15 12:25	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	886	1	05/04/15 00:00	05/06/15 12:25	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	886	1	05/04/15 00:00	05/06/15 12:25	11097-69-1	
PCB-1260 (Aroclor 1260)	2010	ug/kg	886	1	05/04/15 00:00	05/06/15 12:25	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	75	%	26-127	1	05/04/15 00:00	05/06/15 12:25	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 114A **Lab ID: 60192408014** Collected: 04/21/15 09:10 Received: 04/21/15 17:05 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	823	1	05/04/15 00:00	05/06/15 00:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1650	1	05/04/15 00:00	05/06/15 00:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	823	1	05/04/15 00:00	05/06/15 00:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	823	1	05/04/15 00:00	05/06/15 00:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	823	1	05/04/15 00:00	05/06/15 00:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	823	1	05/04/15 00:00	05/06/15 00:28	11097-69-1	
PCB-1260 (Aroclor 1260)	4070	ug/kg	823	1	05/04/15 00:00	05/06/15 00:28	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	71	%	26-127	1	05/04/15 00:00	05/06/15 00:28	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 114B **Lab ID: 60192408015** Collected: 04/21/15 09:10 Received: 04/21/15 17:05 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	913	1	05/04/15 00:00	05/06/15 00:45	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1830	1	05/04/15 00:00	05/06/15 00:45	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	913	1	05/04/15 00:00	05/06/15 00:45	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	913	1	05/04/15 00:00	05/06/15 00:45	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	913	1	05/04/15 00:00	05/06/15 00:45	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	913	1	05/04/15 00:00	05/06/15 00:45	11097-69-1	
PCB-1260 (Aroclor 1260)	3390	ug/kg	913	1	05/04/15 00:00	05/06/15 00:45	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	05/04/15 00:00	05/06/15 00:45	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 115 **Lab ID: 60192408016** Collected: 04/21/15 09:20 Received: 04/21/15 17:05 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	963	1	05/04/15 00:00	05/06/15 01:37	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1930	1	05/04/15 00:00	05/06/15 01:37	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	963	1	05/04/15 00:00	05/06/15 01:37	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	963	1	05/04/15 00:00	05/06/15 01:37	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	963	1	05/04/15 00:00	05/06/15 01:37	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	963	1	05/04/15 00:00	05/06/15 01:37	11097-69-1	
PCB-1260 (Aroclor 1260)	5280	ug/kg	963	1	05/04/15 00:00	05/06/15 01:37	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	74	%	26-127	1	05/04/15 00:00	05/06/15 01:37	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 116 **Lab ID: 60192408017** Collected: 04/21/15 09:30 Received: 04/21/15 17:05 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	967	1	05/04/15 00:00	05/06/15 01:55	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1930	1	05/04/15 00:00	05/06/15 01:55	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	967	1	05/04/15 00:00	05/06/15 01:55	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	967	1	05/04/15 00:00	05/06/15 01:55	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	967	1	05/04/15 00:00	05/06/15 01:55	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	967	1	05/04/15 00:00	05/06/15 01:55	11097-69-1	
PCB-1260 (Aroclor 1260)	322J	ug/kg	967	1	05/04/15 00:00	05/06/15 01:55	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	73	%	26-127	1	05/04/15 00:00	05/06/15 01:55	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.57	%	0.50	1		04/27/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 117 **Lab ID: 60192408018** Collected: 04/21/15 09:40 Received: 04/21/15 17:05 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	4830	5	05/04/15 00:00	05/06/15 12:42	12674-11-2	CU
PCB-1221 (Aroclor 1221)	ND	ug/kg	9660	5	05/04/15 00:00	05/06/15 12:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	4830	5	05/04/15 00:00	05/06/15 12:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	4830	5	05/04/15 00:00	05/06/15 12:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	4830	5	05/04/15 00:00	05/06/15 12:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	4830	5	05/04/15 00:00	05/06/15 12:42	11097-69-1	
PCB-1260 (Aroclor 1260)	45800	ug/kg	4830	5	05/04/15 00:00	05/06/15 12:42	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	5	05/04/15 00:00	05/06/15 12:42	2051-24-3	S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 118 **Lab ID: 60192408019** Collected: 04/21/15 09:50 Received: 04/21/15 17:05 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	978	1	05/04/15 00:00	05/06/15 02:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1960	1	05/04/15 00:00	05/06/15 02:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	978	1	05/04/15 00:00	05/06/15 02:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	978	1	05/04/15 00:00	05/06/15 02:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	978	1	05/04/15 00:00	05/06/15 02:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	978	1	05/04/15 00:00	05/06/15 02:29	11097-69-1	
PCB-1260 (Aroclor 1260)	6640	ug/kg	978	1	05/04/15 00:00	05/06/15 02:29	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	71	%	26-127	1	05/04/15 00:00	05/06/15 02:29	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.75	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 119 **Lab ID: 60192408020** Collected: 04/21/15 10:00 Received: 04/21/15 17:05 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	19300	20	05/04/15 00:00	05/06/15 13:17	12674-11-2	CU
PCB-1221 (Aroclor 1221)	ND	ug/kg	38500	20	05/04/15 00:00	05/06/15 13:17	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	19300	20	05/04/15 00:00	05/06/15 13:17	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	19300	20	05/04/15 00:00	05/06/15 13:17	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	19300	20	05/04/15 00:00	05/06/15 13:17	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	19300	20	05/04/15 00:00	05/06/15 13:17	11097-69-1	
PCB-1260 (Aroclor 1260)	345000	ug/kg	19300	20	05/04/15 00:00	05/06/15 13:17	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	0	%	26-127	20	05/04/15 00:00	05/06/15 13:17	2051-24-3	S4
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 120 **Lab ID: 60192408021** Collected: 04/21/15 10:10 Received: 04/21/15 17:05 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	951	1	05/04/15 00:00	05/05/15 12:22	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1900	1	05/04/15 00:00	05/05/15 12:22	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	951	1	05/04/15 00:00	05/05/15 12:22	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	951	1	05/04/15 00:00	05/05/15 12:22	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	951	1	05/04/15 00:00	05/05/15 12:22	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	951	1	05/04/15 00:00	05/05/15 12:22	11097-69-1	
PCB-1260 (Aroclor 1260)	1010	ug/kg	951	1	05/04/15 00:00	05/05/15 12:22	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	26-127	1	05/04/15 00:00	05/05/15 12:22	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.83	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 121 **Lab ID: 60192408022** Collected: 04/21/15 10:20 Received: 04/21/15 17:05 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	865	1	05/04/15 00:00	05/05/15 12:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1730	1	05/04/15 00:00	05/05/15 12:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	865	1	05/04/15 00:00	05/05/15 12:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	865	1	05/04/15 00:00	05/05/15 12:39	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	865	1	05/04/15 00:00	05/05/15 12:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	865	1	05/04/15 00:00	05/05/15 12:39	11097-69-1	
PCB-1260 (Aroclor 1260)	12900	ug/kg	865	1	05/04/15 00:00	05/05/15 12:39	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	26-127	1	05/04/15 00:00	05/05/15 12:39	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.3	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 122 **Lab ID: 60192408023** Collected: 04/21/15 10:30 Received: 04/21/15 17:05 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	894	1	05/04/15 00:00	05/05/15 12:56	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1790	1	05/04/15 00:00	05/05/15 12:56	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	894	1	05/04/15 00:00	05/05/15 12:56	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	894	1	05/04/15 00:00	05/05/15 12:56	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	894	1	05/04/15 00:00	05/05/15 12:56	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	894	1	05/04/15 00:00	05/05/15 12:56	11097-69-1	
PCB-1260 (Aroclor 1260)	1770	ug/kg	894	1	05/04/15 00:00	05/05/15 12:56	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	05/04/15 00:00	05/05/15 12:56	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 123 **Lab ID: 60192408024** Collected: 04/21/15 10:40 Received: 04/21/15 17:05 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	945	1	05/04/15 00:00	05/05/15 13:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1890	1	05/04/15 00:00	05/05/15 13:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	945	1	05/04/15 00:00	05/05/15 13:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	945	1	05/04/15 00:00	05/05/15 13:48	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	945	1	05/04/15 00:00	05/05/15 13:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	945	1	05/04/15 00:00	05/05/15 13:48	11097-69-1	
PCB-1260 (Aroclor 1260)	17900	ug/kg	945	1	05/04/15 00:00	05/05/15 13:48	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	26-127	1	05/04/15 00:00	05/05/15 13:48	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 124 **Lab ID: 60192408025** Collected: 04/21/15 10:50 Received: 04/21/15 17:05 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	972	1	05/04/15 00:00	05/05/15 14:06	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1940	1	05/04/15 00:00	05/05/15 14:06	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	972	1	05/04/15 00:00	05/05/15 14:06	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	972	1	05/04/15 00:00	05/05/15 14:06	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	972	1	05/04/15 00:00	05/05/15 14:06	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	972	1	05/04/15 00:00	05/05/15 14:06	11097-69-1	
PCB-1260 (Aroclor 1260)	352J	ug/kg	972	1	05/04/15 00:00	05/05/15 14:06	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	76	%	26-127	1	05/04/15 00:00	05/05/15 14:06	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 125 **Lab ID: 60192408026** Collected: 04/21/15 11:00 Received: 04/21/15 17:05 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	1000	1	05/04/15 00:00	05/05/15 14:23	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	2000	1	05/04/15 00:00	05/05/15 14:23	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1000	1	05/04/15 00:00	05/05/15 14:23	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1000	1	05/04/15 00:00	05/05/15 14:23	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	1000	1	05/04/15 00:00	05/05/15 14:23	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	1000	1	05/04/15 00:00	05/05/15 14:23	11097-69-1	
PCB-1260 (Aroclor 1260)	6790	ug/kg	1000	1	05/04/15 00:00	05/05/15 14:23	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	75	%	26-127	1	05/04/15 00:00	05/05/15 14:23	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 126 **Lab ID: 60192408027** Collected: 04/21/15 11:10 Received: 04/21/15 17:05 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	994	1	05/04/15 00:00	05/05/15 14:40	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1990	1	05/04/15 00:00	05/05/15 14:40	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	994	1	05/04/15 00:00	05/05/15 14:40	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	994	1	05/04/15 00:00	05/05/15 14:40	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	994	1	05/04/15 00:00	05/05/15 14:40	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	994	1	05/04/15 00:00	05/05/15 14:40	11097-69-1	
PCB-1260 (Aroclor 1260)	5850	ug/kg	994	1	05/04/15 00:00	05/05/15 14:40	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	77	%	26-127	1	05/04/15 00:00	05/05/15 14:40	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.4	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 127 **Lab ID: 60192408028** Collected: 04/21/15 11:20 Received: 04/21/15 17:05 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	959	1	05/04/15 00:00	05/05/15 14:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1920	1	05/04/15 00:00	05/05/15 14:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	959	1	05/04/15 00:00	05/05/15 14:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	959	1	05/04/15 00:00	05/05/15 14:57	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	959	1	05/04/15 00:00	05/05/15 14:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	959	1	05/04/15 00:00	05/05/15 14:57	11097-69-1	
PCB-1260 (Aroclor 1260)	2510	ug/kg	959	1	05/04/15 00:00	05/05/15 14:57	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	75	%	26-127	1	05/04/15 00:00	05/05/15 14:57	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.76	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ROFG-H 128 **Lab ID: 60192408029** Collected: 04/21/15 11:30 Received: 04/21/15 17:05 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	951	1	05/04/15 00:00	05/05/15 16:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1900	1	05/04/15 00:00	05/05/15 16:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	951	1	05/04/15 00:00	05/05/15 16:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	951	1	05/04/15 00:00	05/05/15 16:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	951	1	05/04/15 00:00	05/05/15 16:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	951	1	05/04/15 00:00	05/05/15 16:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	951	1	05/04/15 00:00	05/05/15 16:07	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	75	%	26-127	1	05/04/15 00:00	05/05/15 16:07	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.89	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ETH2-T 101 **Lab ID: 60192408030** Collected: 04/21/15 13:00 Received: 04/21/15 17:05 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	927	1	05/04/15 00:00	05/05/15 16:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1850	1	05/04/15 00:00	05/05/15 16:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	927	1	05/04/15 00:00	05/05/15 16:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	927	1	05/04/15 00:00	05/05/15 16:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	927	1	05/04/15 00:00	05/05/15 16:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	927	1	05/04/15 00:00	05/05/15 16:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	927	1	05/04/15 00:00	05/05/15 16:24	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	75	%	26-127	1	05/04/15 00:00	05/05/15 16:24	2051-24-3	
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
		Leachate Method/Date: EPA 1311; 04/29/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/30/15 16:30	05/01/15 11:26	7440-38-2	
Barium	ND	mg/L	2.5	1	04/30/15 16:30	05/01/15 11:26	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/30/15 16:30	05/01/15 11:26	7440-43-9	
Chromium	4.2	mg/L	0.10	1	04/30/15 16:30	05/01/15 11:26	7440-47-3	
Lead	9.0	mg/L	0.50	1	04/30/15 16:30	05/01/15 11:26	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/30/15 16:30	05/01/15 11:26	7782-49-2	
Silver	ND	mg/L	0.10	1	04/30/15 16:30	05/01/15 11:26	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
		Leachate Method/Date: EPA 1311; 04/29/15 00:00						
Mercury	0.0036	mg/L	0.0020	1	04/30/15 15:30	05/01/15 10:24	7439-97-6	M1
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510						
		Leachate Method/Date: EPA 1311; 04/29/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	1000	1	05/01/15 00:00	05/04/15 17:45	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	1000	1	05/01/15 00:00	05/04/15 17:45	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	1000	1	05/01/15 00:00	05/04/15 17:45	87-68-3	
Hexachlorobenzene	ND	ug/L	1000	1	05/01/15 00:00	05/04/15 17:45	118-74-1	
Hexachloroethane	ND	ug/L	1000	1	05/01/15 00:00	05/04/15 17:45	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	1000	1	05/01/15 00:00	05/04/15 17:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2000	1	05/01/15 00:00	05/04/15 17:45		
Nitrobenzene	ND	ug/L	1000	1	05/01/15 00:00	05/04/15 17:45	98-95-3	
Pentachlorophenol	ND	ug/L	5000	1	05/01/15 00:00	05/04/15 17:45	87-86-5	
Pyridine	ND	ug/L	1000	1	05/01/15 00:00	05/04/15 17:45	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	5000	1	05/01/15 00:00	05/04/15 17:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	1000	1	05/01/15 00:00	05/04/15 17:45	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	0	%	60-113	1	05/01/15 00:00	05/04/15 17:45	4165-60-0	P3,S0
2-Fluorobiphenyl (S)	0	%	64-106	1	05/01/15 00:00	05/04/15 17:45	321-60-8	S0
Terphenyl-d14 (S)	0	%	71-111	1	05/01/15 00:00	05/04/15 17:45	1718-51-0	S0
Phenol-d6 (S)	0	%	46-108	1	05/01/15 00:00	05/04/15 17:45	13127-88-3	S0
2-Fluorophenol (S)	0	%	48-101	1	05/01/15 00:00	05/04/15 17:45	367-12-4	S0
2,4,6-Tribromophenol (S)	0	%	54-119	1	05/01/15 00:00	05/04/15 17:45	118-79-6	S0

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ETH2-T 101 **Lab ID: 60192408030** Collected: 04/21/15 13:00 Received: 04/21/15 17:05 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
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/30/15 00:00						
Benzene	ND	ug/L	50.0	1		05/02/15 12:55	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		05/02/15 12:55	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		05/02/15 12:55	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		05/02/15 12:55	108-90-7	
Chloroform	ND	ug/L	200	1		05/02/15 12:55	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		05/02/15 12:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		05/02/15 12:55	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		05/02/15 12:55	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		05/02/15 12:55	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		05/02/15 12:55	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	82-123	1		05/02/15 12:55	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		05/02/15 12:55	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		05/02/15 12:55	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.7	%	0.50	1		04/28/15 00:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ETH2-H 101 **Lab ID: 60192408031** Collected: 04/21/15 13:10 Received: 04/21/15 17:05 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	927	1	05/04/15 00:00	05/05/15 16:41	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1850	1	05/04/15 00:00	05/05/15 16:41	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	927	1	05/04/15 00:00	05/05/15 16:41	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	927	1	05/04/15 00:00	05/05/15 16:41	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	927	1	05/04/15 00:00	05/05/15 16:41	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	927	1	05/04/15 00:00	05/05/15 16:41	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	927	1	05/04/15 00:00	05/05/15 16:41	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	26-127	1	05/04/15 00:00	05/05/15 16:41	2051-24-3	
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
		Leachate Method/Date: EPA 1311; 04/29/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/30/15 16:30	05/01/15 14:10	7440-38-2	
Barium	ND	mg/L	2.5	1	04/30/15 16:30	05/01/15 14:10	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/30/15 16:30	05/01/15 14:10	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/30/15 16:30	05/01/15 14:10	7440-47-3	
Lead	ND	mg/L	0.50	1	04/30/15 16:30	05/01/15 14:10	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/30/15 16:30	05/01/15 14:10	7782-49-2	
Silver	ND	mg/L	0.10	1	04/30/15 16:30	05/01/15 14:10	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
		Leachate Method/Date: EPA 1311; 04/29/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/30/15 15:30	05/01/15 09:42	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510						
		Leachate Method/Date: EPA 1311; 04/29/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	05/01/15 00:00	05/04/15 14:36	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	05/01/15 00:00	05/04/15 14:36	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	05/01/15 00:00	05/04/15 14:36	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	05/01/15 00:00	05/04/15 14:36	118-74-1	
Hexachloroethane	ND	ug/L	100	1	05/01/15 00:00	05/04/15 14:36	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	05/01/15 00:00	05/04/15 14:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	05/01/15 00:00	05/04/15 14:36		
Nitrobenzene	ND	ug/L	100	1	05/01/15 00:00	05/04/15 14:36	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	05/01/15 00:00	05/04/15 14:36	87-86-5	
Pyridine	ND	ug/L	100	1	05/01/15 00:00	05/04/15 14:36	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	05/01/15 00:00	05/04/15 14:36	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	05/01/15 00:00	05/04/15 14:36	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	73	%	60-113	1	05/01/15 00:00	05/04/15 14:36	4165-60-0	
2-Fluorobiphenyl (S)	77	%	64-106	1	05/01/15 00:00	05/04/15 14:36	321-60-8	
Terphenyl-d14 (S)	84	%	71-111	1	05/01/15 00:00	05/04/15 14:36	1718-51-0	
Phenol-d6 (S)	78	%	46-108	1	05/01/15 00:00	05/04/15 14:36	13127-88-3	
2-Fluorophenol (S)	72	%	48-101	1	05/01/15 00:00	05/04/15 14:36	367-12-4	
2,4,6-Tribromophenol (S)	72	%	54-119	1	05/01/15 00:00	05/04/15 14:36	118-79-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ETH2-H 101 **Lab ID: 60192408031** Collected: 04/21/15 13:10 Received: 04/21/15 17:05 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
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/30/15 00:00						
Benzene	ND	ug/L	50.0	1		05/02/15 13:25	71-43-2	
2-Butanone (MEK)	1200	ug/L	1000	1		05/02/15 13:25	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		05/02/15 13:25	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		05/02/15 13:25	108-90-7	
Chloroform	ND	ug/L	200	1		05/02/15 13:25	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		05/02/15 13:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		05/02/15 13:25	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		05/02/15 13:25	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		05/02/15 13:25	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		05/02/15 13:25	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	82-123	1		05/02/15 13:25	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		05/02/15 13:25	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		05/02/15 13:25	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	4.7	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ETH2-T 102 **Lab ID: 60192408032** Collected: 04/21/15 13:30 Received: 04/21/15 17:05 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	1020	1	05/04/15 00:00	05/05/15 15:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	2040	1	05/04/15 00:00	05/05/15 15:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1020	1	05/04/15 00:00	05/05/15 15:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1020	1	05/04/15 00:00	05/05/15 15:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	1020	1	05/04/15 00:00	05/05/15 15:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	1020	1	05/04/15 00:00	05/05/15 15:49	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	1020	1	05/04/15 00:00	05/05/15 15:49	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	66	%	26-127	1	05/04/15 00:00	05/05/15 15:49	2051-24-3	
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
		Leachate Method/Date: EPA 1311; 04/29/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/30/15 16:30	05/01/15 11:32	7440-38-2	
Barium	ND	mg/L	2.5	1	04/30/15 16:30	05/01/15 11:32	7440-39-3	
Cadmium	0.15	mg/L	0.050	1	04/30/15 16:30	05/01/15 11:32	7440-43-9	
Chromium	2.1	mg/L	0.10	1	04/30/15 16:30	05/01/15 11:32	7440-47-3	
Lead	185	mg/L	0.50	1	04/30/15 16:30	05/01/15 11:32	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/30/15 16:30	05/01/15 11:32	7782-49-2	
Silver	ND	mg/L	0.10	1	04/30/15 16:30	05/01/15 11:32	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
		Leachate Method/Date: EPA 1311; 04/29/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/30/15 15:30	05/01/15 10:31	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510						
		Leachate Method/Date: EPA 1311; 04/29/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	5000	10	05/01/15 00:00	05/04/15 14:57	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	5000	10	05/01/15 00:00	05/04/15 14:57	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	5000	10	05/01/15 00:00	05/04/15 14:57	87-68-3	
Hexachlorobenzene	ND	ug/L	5000	10	05/01/15 00:00	05/04/15 14:57	118-74-1	
Hexachloroethane	ND	ug/L	5000	10	05/01/15 00:00	05/04/15 14:57	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	5000	10	05/01/15 00:00	05/04/15 14:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10000	10	05/01/15 00:00	05/04/15 14:57		
Nitrobenzene	ND	ug/L	5000	10	05/01/15 00:00	05/04/15 14:57	98-95-3	
Pentachlorophenol	ND	ug/L	25000	10	05/01/15 00:00	05/04/15 14:57	87-86-5	
Pyridine	ND	ug/L	5000	10	05/01/15 00:00	05/04/15 14:57	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	25000	10	05/01/15 00:00	05/04/15 14:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	5000	10	05/01/15 00:00	05/04/15 14:57	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	0	%	60-113	10	05/01/15 00:00	05/04/15 14:57	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	64-106	10	05/01/15 00:00	05/04/15 14:57	321-60-8	S4
Terphenyl-d14 (S)	0	%	71-111	10	05/01/15 00:00	05/04/15 14:57	1718-51-0	S4
Phenol-d6 (S)	0	%	46-108	10	05/01/15 00:00	05/04/15 14:57	13127-88-3	S4
2-Fluorophenol (S)	0	%	48-101	10	05/01/15 00:00	05/04/15 14:57	367-12-4	S4
2,4,6-Tribromophenol (S)	0	%	54-119	10	05/01/15 00:00	05/04/15 14:57	118-79-6	S4

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ETH2-T 102 **Lab ID: 60192408032** Collected: 04/21/15 13:30 Received: 04/21/15 17:05 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
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/30/15 00:00						
Benzene	ND	ug/L	50.0	1		05/02/15 13:41	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		05/02/15 13:41	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		05/02/15 13:41	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		05/02/15 13:41	108-90-7	
Chloroform	ND	ug/L	200	1		05/02/15 13:41	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		05/02/15 13:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		05/02/15 13:41	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		05/02/15 13:41	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		05/02/15 13:41	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		05/02/15 13:41	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	82-123	1		05/02/15 13:41	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		05/02/15 13:41	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		05/02/15 13:41	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	4.1	%	0.50	1		04/28/15 00:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ETH2-H 102 **Lab ID: 60192408033** Collected: 04/21/15 13:40 Received: 04/21/15 17:05 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	997	1	05/04/15 00:00	05/05/15 16:58	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1990	1	05/04/15 00:00	05/05/15 16:58	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	997	1	05/04/15 00:00	05/05/15 16:58	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	997	1	05/04/15 00:00	05/05/15 16:58	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	997	1	05/04/15 00:00	05/05/15 16:58	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	997	1	05/04/15 00:00	05/05/15 16:58	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	997	1	05/04/15 00:00	05/05/15 16:58	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	78	%	26-127	1	05/04/15 00:00	05/05/15 16:58	2051-24-3	
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/29/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/30/15 16:30	05/01/15 14:16	7440-38-2	
Barium	ND	mg/L	2.5	1	04/30/15 16:30	05/01/15 14:16	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/30/15 16:30	05/01/15 14:16	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/30/15 16:30	05/01/15 14:16	7440-47-3	
Lead	ND	mg/L	0.50	1	04/30/15 16:30	05/01/15 14:16	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/30/15 16:30	05/01/15 14:16	7782-49-2	
Silver	ND	mg/L	0.10	1	04/30/15 16:30	05/01/15 14:16	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/29/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/30/15 15:30	05/01/15 09:53	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/29/15 00:00								
1,4-Dichlorobenzene	ND	ug/L	100	1	05/01/15 00:00	05/04/15 15:18	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	05/01/15 00:00	05/04/15 15:18	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	05/01/15 00:00	05/04/15 15:18	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	05/01/15 00:00	05/04/15 15:18	118-74-1	
Hexachloroethane	ND	ug/L	100	1	05/01/15 00:00	05/04/15 15:18	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	05/01/15 00:00	05/04/15 15:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	05/01/15 00:00	05/04/15 15:18		
Nitrobenzene	ND	ug/L	100	1	05/01/15 00:00	05/04/15 15:18	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	05/01/15 00:00	05/04/15 15:18	87-86-5	
Pyridine	ND	ug/L	100	1	05/01/15 00:00	05/04/15 15:18	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	05/01/15 00:00	05/04/15 15:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	05/01/15 00:00	05/04/15 15:18	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	74	%	60-113	1	05/01/15 00:00	05/04/15 15:18	4165-60-0	
2-Fluorobiphenyl (S)	78	%	64-106	1	05/01/15 00:00	05/04/15 15:18	321-60-8	
Terphenyl-d14 (S)	84	%	71-111	1	05/01/15 00:00	05/04/15 15:18	1718-51-0	
Phenol-d6 (S)	79	%	46-108	1	05/01/15 00:00	05/04/15 15:18	13127-88-3	
2-Fluorophenol (S)	75	%	48-101	1	05/01/15 00:00	05/04/15 15:18	367-12-4	
2,4,6-Tribromophenol (S)	76	%	54-119	1	05/01/15 00:00	05/04/15 15:18	118-79-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-ETH2-H 102 **Lab ID: 60192408033** Collected: 04/21/15 13:40 Received: 04/21/15 17:05 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
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/30/15 00:00						
Benzene	ND	ug/L	50.0	1		05/02/15 13:56	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		05/02/15 13:56	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		05/02/15 13:56	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		05/02/15 13:56	108-90-7	
Chloroform	ND	ug/L	200	1		05/02/15 13:56	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		05/02/15 13:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		05/02/15 13:56	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		05/02/15 13:56	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		05/02/15 13:56	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		05/02/15 13:56	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	82-123	1		05/02/15 13:56	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		05/02/15 13:56	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		05/02/15 13:56	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.6	%	0.50	1		04/28/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-BD16-E 1010		Lab ID: 60192408034		Collected: 04/21/15 13:55	Received: 04/21/15 17:05	Matrix: Wipe		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB		Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe)						
PCB-1016 (Aroclor 1016)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:01	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:01	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:01	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	116	%	57-112	1	04/27/15 00:00	04/29/15 22:01	2051-24-3	S3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192408

Sample: BFC-BD16-E 102W		Lab ID: 60192408035	Collected: 04/21/15 14:00	Received: 04/21/15 17:05	Matrix: Wipe			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB		Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe)						
PCB-1016 (Aroclor 1016)	ND	Total ug	1.0	1	04/27/15 00:00	04/30/15 14:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	Total ug	1.0	1	04/27/15 00:00	04/30/15 14:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	Total ug	1.0	1	04/27/15 00:00	04/30/15 14:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	Total ug	1.0	1	04/27/15 00:00	04/30/15 14:52	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	Total ug	1.0	1	04/27/15 00:00	04/30/15 14:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	Total ug	1.0	1	04/27/15 00:00	04/30/15 14:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	Total ug	1.0	1	04/27/15 00:00	04/30/15 14:52	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	68	%	57-112	1	04/27/15 00:00	04/30/15 14:52	2051-24-3	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch: MERP/9550

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury TCLP

Associated Lab Samples: 60192408031, 60192408033

METHOD BLANK: 1559869

Matrix: Water

Associated Lab Samples: 60192408031, 60192408033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	05/01/15 09:37	

LABORATORY CONTROL SAMPLE: 1559870

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0050	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1559871 1559872

Parameter	Units	60192408031		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	ND	Spike Conc.	Conc.	Result	Result	% Rec	% Rec						
Mercury	mg/L	ND	ND	.015	.015	0.017	0.017	114	115	75-125	1	20			

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch: MERP/9551

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury TCLP

Associated Lab Samples: 60192408030, 60192408032

METHOD BLANK: 1559875

Matrix: Water

Associated Lab Samples: 60192408030, 60192408032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	05/01/15 10:00	

LABORATORY CONTROL SAMPLE: 1559876

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0054	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1559877 1559878

Parameter	Units	60192408030		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Mercury	mg/L	0.0036	.015	.015	0.011	0.011	47	50	75-125	4	20	M1			

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch: MPRP/31632

Analysis Method: EPA 6010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET TCLP

Associated Lab Samples: 60192408031, 60192408033

METHOD BLANK: 1559909

Matrix: Water

Associated Lab Samples: 60192408031, 60192408033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	05/01/15 14:07	
Barium	mg/L	ND	2.5	05/01/15 14:07	
Cadmium	mg/L	ND	0.050	05/01/15 14:07	
Chromium	mg/L	ND	0.10	05/01/15 14:07	
Lead	mg/L	ND	0.50	05/01/15 14:07	
Selenium	mg/L	ND	0.50	05/01/15 14:07	
Silver	mg/L	ND	0.10	05/01/15 14:07	

LABORATORY CONTROL SAMPLE: 1559910

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.99	99	80-120	
Barium	mg/L	1	1.0	100	80-120	
Cadmium	mg/L	1	1.0	100	80-120	
Chromium	mg/L	1	1.0	103	80-120	
Lead	mg/L	1	1.0	104	80-120	
Selenium	mg/L	1	0.98	98	80-120	
Silver	mg/L	.5	0.48	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1559911 1559912

Parameter	Units	60192408031		1559911		1559912		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec							
Arsenic	mg/L	ND	10	10	10.2	10.3	102	103	75-125	1	20			
Barium	mg/L	ND	10	10	10.7	10.7	103	104	75-125	1	20			
Cadmium	mg/L	ND	10	10	10.2	10.2	102	102	75-125	0	20			
Chromium	mg/L	ND	10	10	10.4	10.4	104	104	75-125	0	20			
Lead	mg/L	ND	10	10	10.3	10.4	103	103	75-125	0	20			
Selenium	mg/L	ND	10	10	10.2	10.2	102	102	75-125	0	20			
Silver	mg/L	ND	5	5	5.0	5.0	101	101	75-125	0	20			

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch: MPRP/31633

Analysis Method: EPA 6010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET TCLP

Associated Lab Samples: 60192408030, 60192408032

METHOD BLANK: 1559913

Matrix: Water

Associated Lab Samples: 60192408030, 60192408032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	05/01/15 10:51	
Barium	mg/L	ND	2.5	05/01/15 10:51	
Cadmium	mg/L	ND	0.050	05/01/15 10:51	
Chromium	mg/L	ND	0.10	05/01/15 10:51	
Lead	mg/L	ND	0.50	05/01/15 10:51	
Selenium	mg/L	ND	0.50	05/01/15 10:51	
Silver	mg/L	ND	0.10	05/01/15 10:51	

LABORATORY CONTROL SAMPLE: 1559914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.93	93	80-120	
Barium	mg/L	1	0.98	98	80-120	
Cadmium	mg/L	1	0.94	94	80-120	
Chromium	mg/L	1	0.93	93	80-120	
Lead	mg/L	1	0.98	98	80-120	
Selenium	mg/L	1	0.91	91	80-120	
Silver	mg/L	.5	0.46	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1559915 1559916

Parameter	Units	60192408030		1559916		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Arsenic	mg/L	ND	10	10	10.0	10	99	99	75-125	0	20
Barium	mg/L	ND	10	10	10.0	10.0	98	98	75-125	0	20
Cadmium	mg/L	ND	10	10	9.4	9.4	93	94	75-125	0	20
Chromium	mg/L	4.2	10	10	12.9	12.9	87	87	75-125	0	20
Lead	mg/L	9.0	10	10	18.0	18.1	90	91	75-125	1	20
Selenium	mg/L	ND	10	10	10.6	10.6	105	105	75-125	0	20
Silver	mg/L	ND	5	5	4.4	4.4	89	89	75-125	0	20

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch: MSV/69265 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
 Associated Lab Samples: 60192408030, 60192408031, 60192408032, 60192408033

METHOD BLANK: 1560935 Matrix: Water
 Associated Lab Samples: 60192408030, 60192408031, 60192408032, 60192408033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	05/02/15 12:39	
1,2-Dichloroethane	ug/L	ND	50.0	05/02/15 12:39	
2-Butanone (MEK)	ug/L	ND	1000	05/02/15 12:39	
Benzene	ug/L	ND	50.0	05/02/15 12:39	
Carbon tetrachloride	ug/L	ND	50.0	05/02/15 12:39	
Chlorobenzene	ug/L	ND	50.0	05/02/15 12:39	
Chloroform	ug/L	ND	200	05/02/15 12:39	
Tetrachloroethene	ug/L	ND	50.0	05/02/15 12:39	
Trichloroethene	ug/L	ND	50.0	05/02/15 12:39	
Vinyl chloride	ug/L	ND	50.0	05/02/15 12:39	
1,2-Dichloroethane-d4 (S)	%	100	82-123	05/02/15 12:39	
4-Bromofluorobenzene (S)	%	100	80-120	05/02/15 12:39	
Toluene-d8 (S)	%	100	80-120	05/02/15 12:39	

LABORATORY CONTROL SAMPLE: 1560936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	1000	886	89	65-129	
1,2-Dichloroethane	ug/L	1000	931	93	76-122	
2-Butanone (MEK)	ug/L	5000	4420	88	66-122	
Benzene	ug/L	1000	954	95	75-119	
Carbon tetrachloride	ug/L	1000	1000	100	68-135	
Chlorobenzene	ug/L	1000	938	94	77-117	
Chloroform	ug/L	1000	921	92	72-125	
Tetrachloroethene	ug/L	1000	974	97	69-125	
Trichloroethene	ug/L	1000	965	97	73-124	
Vinyl chloride	ug/L	1000	764	76	53-137	
1,2-Dichloroethane-d4 (S)	%			100	82-123	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE SAMPLE: 1560937

Parameter	Units	60192408030 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	1000	803	80	57-126	
1,2-Dichloroethane	ug/L	ND	1000	920	92	71-122	
2-Butanone (MEK)	ug/L	ND	5000	4250	85	54-129	
Benzene	ug/L	ND	1000	887	89	56-133	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

MATRIX SPIKE SAMPLE:		1560937					
Parameter	Units	60192408030 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	ND	1000	887	89	67-126	
Chlorobenzene	ug/L	ND	1000	892	89	74-112	
Chloroform	ug/L	ND	1000	870	87	71-120	
Tetrachloroethene	ug/L	ND	1000	890	89	67-119	
Trichloroethene	ug/L	ND	1000	887	89	71-117	
Vinyl chloride	ug/L	ND	1000	694	69	42-129	
1,2-Dichloroethane-d4 (S)	%				98	82-123	
4-Bromofluorobenzene (S)	%				99	80-120	
Toluene-d8 (S)	%				101	80-120	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch: OEXT/49124

Analysis Method: EPA 8082

QC Batch Method: EPA 3580 (Wipe)

Analysis Description: 8082 GCS PCB Wipe

Associated Lab Samples: 60192408034, 60192408035

METHOD BLANK: 1557320

Matrix: Wipe

Associated Lab Samples: 60192408034, 60192408035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	Total ug	ND	1.0	04/29/15 20:52	
PCB-1221 (Aroclor 1221)	Total ug	ND	1.0	04/29/15 20:52	
PCB-1232 (Aroclor 1232)	Total ug	ND	1.0	04/29/15 20:52	
PCB-1242 (Aroclor 1242)	Total ug	ND	1.0	04/29/15 20:52	
PCB-1248 (Aroclor 1248)	Total ug	ND	1.0	04/29/15 20:52	
PCB-1254 (Aroclor 1254)	Total ug	ND	1.0	04/29/15 20:52	
PCB-1260 (Aroclor 1260)	Total ug	ND	1.0	04/29/15 20:52	
Decachlorobiphenyl (S)	%	74	57-112	04/29/15 20:52	

LABORATORY CONTROL SAMPLE: 1557321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	Total ug	5	5.0	101	78-115	
PCB-1260 (Aroclor 1260)	Total ug	5	4.9	99	78-115	
Decachlorobiphenyl (S)	%			76	57-112	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch:	OEXT/49236	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
Associated Lab Samples:	60192408001, 60192408002, 60192408003, 60192408004, 60192408005, 60192408006, 60192408007, 60192408008, 60192408009, 60192408010, 60192408011, 60192408012, 60192408013, 60192408014, 60192408015, 60192408016, 60192408017, 60192408018, 60192408019, 60192408020		

METHOD BLANK:	1561288	Matrix:	Solid
Associated Lab Samples:	60192408001, 60192408002, 60192408003, 60192408004, 60192408005, 60192408006, 60192408007, 60192408008, 60192408009, 60192408010, 60192408011, 60192408012, 60192408013, 60192408014, 60192408015, 60192408016, 60192408017, 60192408018, 60192408019, 60192408020		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.3	05/05/15 17:50	
PCB-1221 (Aroclor 1221)	ug/kg	ND	64.6	05/05/15 17:50	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.3	05/05/15 17:50	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.3	05/05/15 17:50	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.3	05/05/15 17:50	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.3	05/05/15 17:50	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.3	05/05/15 17:50	
Decachlorobiphenyl (S)	%	74	26-127	05/05/15 17:50	

LABORATORY CONTROL SAMPLE: 1561289						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	163	159	97	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	163	145	89	69-126	
Decachlorobiphenyl (S)	%			77	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1561290												1561291	
Parameter	Units	60192408001		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.								
PCB-1016 (Aroclor 1016)	ug/kg	ND	5070	5070	4740	4660	4720	92	100	12-190	1	31	
PCB-1260 (Aroclor 1260)	ug/kg	1590	5070	5070	4740	5400	8220	75	140	23-145	41	28	R1
Decachlorobiphenyl (S)	%							67	73	26-127			

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch: OEXT/49237 Analysis Method: EPA 8082
 QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
 Associated Lab Samples: 60192408021, 60192408022, 60192408023, 60192408024, 60192408025, 60192408026, 60192408027, 60192408028, 60192408029, 60192408030, 60192408031, 60192408032, 60192408033

METHOD BLANK: 1561292 Matrix: Solid
 Associated Lab Samples: 60192408021, 60192408022, 60192408023, 60192408024, 60192408025, 60192408026, 60192408027, 60192408028, 60192408029, 60192408030, 60192408031, 60192408032, 60192408033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.3	05/05/15 10:38	
PCB-1221 (Aroclor 1221)	ug/kg	ND	64.6	05/05/15 10:38	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.3	05/05/15 10:38	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.3	05/05/15 10:38	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.3	05/05/15 10:38	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.3	05/05/15 10:38	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.3	05/05/15 10:38	
Decachlorobiphenyl (S)	%	84	26-127	05/05/15 10:38	

LABORATORY CONTROL SAMPLE: 1561293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	164	162	99	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	164	149	91	69-126	
Decachlorobiphenyl (S)	%			80	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1561294 1561295

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		60192408021 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
PCB-1016 (Aroclor 1016)	ug/kg	ND	4890	4460	4980	4300	102	96	12-190	15	31	
PCB-1260 (Aroclor 1260)	ug/kg	1010	4890	4460	5490	4610	92	81	23-145	17	28	
Decachlorobiphenyl (S)	%						80	75	26-127			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch: OEXT/49211 Analysis Method: EPA 8270
 QC Batch Method: EPA 3510 Analysis Description: 8270 TCLP MSSV
 Associated Lab Samples: 60192408030, 60192408031, 60192408032, 60192408033

METHOD BLANK: 1560173 Matrix: Water
 Associated Lab Samples: 60192408030, 60192408031, 60192408032, 60192408033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	05/04/15 09:22	
2,4,5-Trichlorophenol	ug/L	ND	500	05/04/15 09:22	
2,4,6-Trichlorophenol	ug/L	ND	100	05/04/15 09:22	
2,4-Dinitrotoluene	ug/L	ND	100	05/04/15 09:22	
2-Methylphenol(o-Cresol)	ug/L	ND	100	05/04/15 09:22	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	05/04/15 09:22	
Hexachloro-1,3-butadiene	ug/L	ND	100	05/04/15 09:22	
Hexachlorobenzene	ug/L	ND	100	05/04/15 09:22	
Hexachloroethane	ug/L	ND	100	05/04/15 09:22	
Nitrobenzene	ug/L	ND	100	05/04/15 09:22	
Pentachlorophenol	ug/L	ND	500	05/04/15 09:22	
Pyridine	ug/L	ND	100	05/04/15 09:22	
2,4,6-Tribromophenol (S)	%	84	54-119	05/04/15 09:22	
2-Fluorobiphenyl (S)	%	85	64-106	05/04/15 09:22	
2-Fluorophenol (S)	%	76	48-101	05/04/15 09:22	
Nitrobenzene-d5 (S)	%	84	60-113	05/04/15 09:22	
Phenol-d6 (S)	%	80	46-108	05/04/15 09:22	
Terphenyl-d14 (S)	%	81	71-111	05/04/15 09:22	

METHOD BLANK: 1560176 Matrix: Water
 Associated Lab Samples: 60192408030, 60192408031, 60192408032, 60192408033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	05/04/15 09:43	
2,4,5-Trichlorophenol	ug/L	ND	500	05/04/15 09:43	
2,4,6-Trichlorophenol	ug/L	ND	100	05/04/15 09:43	
2,4-Dinitrotoluene	ug/L	ND	100	05/04/15 09:43	
2-Methylphenol(o-Cresol)	ug/L	ND	100	05/04/15 09:43	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	05/04/15 09:43	
Hexachloro-1,3-butadiene	ug/L	ND	100	05/04/15 09:43	
Hexachlorobenzene	ug/L	ND	100	05/04/15 09:43	
Hexachloroethane	ug/L	ND	100	05/04/15 09:43	
Nitrobenzene	ug/L	ND	100	05/04/15 09:43	
Pentachlorophenol	ug/L	ND	500	05/04/15 09:43	
Pyridine	ug/L	ND	100	05/04/15 09:43	
2,4,6-Tribromophenol (S)	%	91	54-119	05/04/15 09:43	
2-Fluorobiphenyl (S)	%	91	64-106	05/04/15 09:43	
2-Fluorophenol (S)	%	81	48-101	05/04/15 09:43	
Nitrobenzene-d5 (S)	%	90	60-113	05/04/15 09:43	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

METHOD BLANK: 1560176

Matrix: Water

Associated Lab Samples: 60192408030, 60192408031, 60192408032, 60192408033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phenol-d6 (S)	%	85	46-108	05/04/15 09:43	
Terphenyl-d14 (S)	%	91	71-111	05/04/15 09:43	

LABORATORY CONTROL SAMPLE: 1560174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	442	88	53-102	
2,4,5-Trichlorophenol	ug/L	500	507	101	57-124	
2,4,6-Trichlorophenol	ug/L	500	479	96	54-120	
2,4-Dinitrotoluene	ug/L	500	441	88	44-105	
2-Methylphenol(o-Cresol)	ug/L	500	437	87	50-107	
3&4-Methylphenol(m&p Cresol)	ug/L	1000	873	87	47-112	
Hexachloro-1,3-butadiene	ug/L	500	466	93	46-107	
Hexachlorobenzene	ug/L	500	460	92	57-107	
Hexachloroethane	ug/L	500	432	86	41-104	
Nitrobenzene	ug/L	500	465	93	53-111	
Pentachlorophenol	ug/L	500	545	109	34-144	
Pyridine	ug/L	500	374	75	10-116	
2,4,6-Tribromophenol (S)	%			98	54-119	
2-Fluorobiphenyl (S)	%			96	64-106	
2-Fluorophenol (S)	%			85	48-101	
Nitrobenzene-d5 (S)	%			95	60-113	
Phenol-d6 (S)	%			90	46-108	
Terphenyl-d14 (S)	%			97	71-111	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch:	PMST/10685	Analysis Method:	ASTM D2974
QC Batch Method:	ASTM D2974	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	60192408001, 60192408002, 60192408003, 60192408004, 60192408005, 60192408006, 60192408007, 60192408008, 60192408009, 60192408010, 60192408011, 60192408012, 60192408013, 60192408014, 60192408015, 60192408016, 60192408017		

METHOD BLANK:	1557330	Matrix:	Solid
Associated Lab Samples:	60192408001, 60192408002, 60192408003, 60192408004, 60192408005, 60192408006, 60192408007, 60192408008, 60192408009, 60192408010, 60192408011, 60192408012, 60192408013, 60192408014, 60192408015, 60192408016, 60192408017		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/27/15 00:00	

Parameter	Units	60192702008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.2	17.2	0	20	

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QUALITY CONTROL DATA

Project: Bannister IL 1561

Pace Project No.: 60192408

QC Batch: PMST/10687 Analysis Method: ASTM D2974
 QC Batch Method: ASTM D2974 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 60192408018, 60192408019, 60192408020, 60192408021, 60192408022, 60192408023, 60192408024,
 60192408025, 60192408026, 60192408027, 60192408028, 60192408029, 60192408030, 60192408031,
 60192408032, 60192408033

METHOD BLANK: 1557794 Matrix: Solid
 Associated Lab Samples: 60192408018, 60192408019, 60192408020, 60192408021, 60192408022, 60192408023, 60192408024,
 60192408025, 60192408026, 60192408027, 60192408028, 60192408029, 60192408030, 60192408031,
 60192408032, 60192408033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/28/15 00:00	

SAMPLE DUPLICATE: 1557795

Parameter	Units	60192408018 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	1.4	1.4	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Bannister IL 1561

Pace Project No.: 60192408

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

CU The continuing calibration for this compound is outside of Pace Analytical acceptance limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

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.

P3 Sample extract could not be concentrated to the routine final volume, resulting in elevated reporting limits.

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.

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 IL 1561

Pace Project No.: 60192408

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60192408034	BFC-BD16-E 1010	EPA 3580 (Wipe)	OEXT/49124	EPA 8082	GCSV/18838
60192408035	BFC-BD16-E 102W	EPA 3580 (Wipe)	OEXT/49124	EPA 8082	GCSV/18838
60192408001	BFC-ROFG-H 101	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408002	BFC-ROFG-H 102	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408003	BFC-ROFG-H 103	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408004	BFC-ROFG-H 104	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408005	BFC-ROFG-H 105	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408006	BFC-ROFG-H 106	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408007	BFC-ROFG-H 107	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408008	BFC-ROFG-H 108	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408009	BFC-ROFG-H 109	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408010	BFC-ROFG-H 110	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408011	BFC-ROFG-H 111	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408012	BFC-ROFG-H 112	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408013	BFC-ROFG-H 113	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408014	BFC-ROFG-H 114A	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408015	BFC-ROFG-H 114B	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408016	BFC-ROFG-H 115	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408017	BFC-ROFG-H 116	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408018	BFC-ROFG-H 117	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408019	BFC-ROFG-H 118	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408020	BFC-ROFG-H 119	EPA 3546	OEXT/49236	EPA 8082	GCSV/18874
60192408021	BFC-ROFG-H 120	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408022	BFC-ROFG-H 121	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408023	BFC-ROFG-H 122	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408024	BFC-ROFG-H 123	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408025	BFC-ROFG-H 124	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408026	BFC-ROFG-H 125	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408027	BFC-ROFG-H 126	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408028	BFC-ROFG-H 127	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408029	BFC-ROFG-H 128	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408030	BFC-ETH2-T 101	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408031	BFC-ETH2-H 101	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408032	BFC-ETH2-T 102	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408033	BFC-ETH2-H 102	EPA 3546	OEXT/49237	EPA 8082	GCSV/18870
60192408030	BFC-ETH2-T 101	EPA 3010	MPRP/31633	EPA 6010	ICP/23500
60192408031	BFC-ETH2-H 101	EPA 3010	MPRP/31632	EPA 6010	ICP/23499
60192408032	BFC-ETH2-T 102	EPA 3010	MPRP/31633	EPA 6010	ICP/23500
60192408033	BFC-ETH2-H 102	EPA 3010	MPRP/31632	EPA 6010	ICP/23499
60192408030	BFC-ETH2-T 101	EPA 7470	MERP/9551	EPA 7470	MERC/9505
60192408031	BFC-ETH2-H 101	EPA 7470	MERP/9550	EPA 7470	MERC/9504
60192408032	BFC-ETH2-T 102	EPA 7470	MERP/9551	EPA 7470	MERC/9505
60192408033	BFC-ETH2-H 102	EPA 7470	MERP/9550	EPA 7470	MERC/9504

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL 1561

Pace Project No.: 60192408

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60192408030	BFC-ETH2-T 101	EPA 3510	OEXT/49211	EPA 8270	MSSV/15940
60192408031	BFC-ETH2-H 101	EPA 3510	OEXT/49211	EPA 8270	MSSV/15940
60192408032	BFC-ETH2-T 102	EPA 3510	OEXT/49211	EPA 8270	MSSV/15940
60192408033	BFC-ETH2-H 102	EPA 3510	OEXT/49211	EPA 8270	MSSV/15940
60192408030	BFC-ETH2-T 101	EPA 8260	MSV/69265		
60192408031	BFC-ETH2-H 101	EPA 8260	MSV/69265		
60192408032	BFC-ETH2-T 102	EPA 8260	MSV/69265		
60192408033	BFC-ETH2-H 102	EPA 8260	MSV/69265		
60192408001	BFC-ROFG-H 101	ASTM D2974	PMST/10685		
60192408002	BFC-ROFG-H 102	ASTM D2974	PMST/10685		
60192408003	BFC-ROFG-H 103	ASTM D2974	PMST/10685		
60192408004	BFC-ROFG-H 104	ASTM D2974	PMST/10685		
60192408005	BFC-ROFG-H 105	ASTM D2974	PMST/10685		
60192408006	BFC-ROFG-H 106	ASTM D2974	PMST/10685		
60192408007	BFC-ROFG-H 107	ASTM D2974	PMST/10685		
60192408008	BFC-ROFG-H 108	ASTM D2974	PMST/10685		
60192408009	BFC-ROFG-H 109	ASTM D2974	PMST/10685		
60192408010	BFC-ROFG-H 110	ASTM D2974	PMST/10685		
60192408011	BFC-ROFG-H 111	ASTM D2974	PMST/10685		
60192408012	BFC-ROFG-H 112	ASTM D2974	PMST/10685		
60192408013	BFC-ROFG-H 113	ASTM D2974	PMST/10685		
60192408014	BFC-ROFG-H 114A	ASTM D2974	PMST/10685		
60192408015	BFC-ROFG-H 114B	ASTM D2974	PMST/10685		
60192408016	BFC-ROFG-H 115	ASTM D2974	PMST/10685		
60192408017	BFC-ROFG-H 116	ASTM D2974	PMST/10685		
60192408018	BFC-ROFG-H 117	ASTM D2974	PMST/10687		
60192408019	BFC-ROFG-H 118	ASTM D2974	PMST/10687		
60192408020	BFC-ROFG-H 119	ASTM D2974	PMST/10687		
60192408021	BFC-ROFG-H 120	ASTM D2974	PMST/10687		
60192408022	BFC-ROFG-H 121	ASTM D2974	PMST/10687		
60192408023	BFC-ROFG-H 122	ASTM D2974	PMST/10687		
60192408024	BFC-ROFG-H 123	ASTM D2974	PMST/10687		
60192408025	BFC-ROFG-H 124	ASTM D2974	PMST/10687		
60192408026	BFC-ROFG-H 125	ASTM D2974	PMST/10687		
60192408027	BFC-ROFG-H 126	ASTM D2974	PMST/10687		
60192408028	BFC-ROFG-H 127	ASTM D2974	PMST/10687		
60192408029	BFC-ROFG-H 128	ASTM D2974	PMST/10687		
60192408030	BFC-ETH2-T 101	ASTM D2974	PMST/10687		
60192408031	BFC-ETH2-H 101	ASTM D2974	PMST/10687		
60192408032	BFC-ETH2-T 102	ASTM D2974	PMST/10687		
60192408033	BFC-ETH2-H 102	ASTM D2974	PMST/10687		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO# : 60192408



Client Name: Brandenburgh

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 2-pk

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: 5.5

Temperature should be above freezing to 6°C

Optional
Proj Due Date:
Proj Name:

Date and initials of person examining contents: 8/4/22/15

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	13. <u>No sample volume received for '102w'</u>
Includes date/time/ID/analyses	Matrix: <u>SL/wp</u>	
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>120814-3</u>	<u>hw/22</u>	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: AAE Date: 4/22/15



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 Required Client Information:		Section C Invoice Information:	
Company: Brandenburg Industrial Service Co. Address: 2625 S. Loomis St. Chicago, IL 60608	Report To: Nick Rojas Copy To:	Attention: Byran Roberson/Accounts Payable Company Name: Bradenburg Industrial Service Co. Address: 2625 S. Loomis St. Chicago, IL 60608	Regulatory Agency
Email: rofnic@brandenburg.com Phone: 312-405-0704 Requested Due Date: <i>Standard</i>	Purchase Order #: 506848 Project Name: Bannister Project #: IL1561	Pace Quote: 18296 Pace Project Manager: Alice Flanagan, 913-553-1409 Pace Profile #: 8372	State / Location MO

Section B

Section C Requested Analysis Filtered (Y/N)	Requested Analysis Filtered (Y/N)		
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ITEM #	MATRIX Drinking Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Unpreserved H2SO4 HNO3 HCl NaOH Na2S2O3 Methanol Other	Analyses Test Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)		
			START DATE	END DATE						FLASHPOINT	8260 VOCs full list	TCLP VOCs	TCLP SVOCs	TCLP Metals	Spec Gravity	8270 SVOC	pH, % moisture	Metals-Total Be	Reactivities	PCBs by 8082				
																					TIME		TIME	TIME
1	BFC-ROFG-H 101		4/21/15	7:00	SLC														W5FU					
2	BFC-ROFG-H 102		7:05	7:10	SLC																			
3	BFC-ROFG-H 103		7:15	7:20	SLC																			
4	BFC-ROFG-H 104		7:25	7:30	SLC																			
5	BFC-ROFG-H 105		7:35	7:40	SLC																			
6	BFC-ROFG-H 106		7:45	7:50	SLC																			
7	BFC-ROFG-H 107		7:55	8:00	SLC																			
8	BFC-ROFG-H 108		8:05	8:10	SLC																			
9	BFC-ROFG-H 109		8:15	8:20	SLC																			
10	BFC-ROFG-H 110		8:25	8:30	SLC																			
11	BFC-ROFG-H 111		8:35	8:40	SLC																			
12	BFC-ROFG-H 112		8:45	8:50	SLC																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
							Received on	Sealed	Cooler	Intact
	<i>Nick</i>	4/21/15	4:30	<i>Alice Flanagan</i>	4/21/15	17:05	Y	Y	Y	Y

SAMPLER NAME AND SIGNATURE <i>Nick Rojas</i>		DATE Signed: 4/21/15
PRINT Name of SAMPLER:		
SIGNATURE of SAMPLER:		

May 07, 2015

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

RE: Project: Bannister IL 1561
Pace Project No.: 60192648

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 23, 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.: 60192648

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

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SAMPLE SUMMARY

Project: Bannister IL 1561

Pace Project No.: 60192648

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60192648001	BFC-PAINT H101	Solid	04/23/15 06:40	04/23/15 16:30
60192648002	BFC-PAINT H102	Solid	04/23/15 06:55	04/23/15 16:30
60192648003	BFC-BITS E101	Wipe	04/23/15 07:20	04/23/15 16:30
60192648004	BFC-BITS E102	Wipe	04/23/15 07:25	04/23/15 16:30
60192648005	BFC-BITS E103	Solid	04/23/15 07:25	04/23/15 16:30
60192648006	BFC-BITS E104	Solid	04/23/15 07:40	04/23/15 16:30
60192648007	BFC-BITS E105	Solid	04/23/15 07:50	04/23/15 16:30
60192648008	BFC-BITS E106	Solid	04/23/15 07:53	04/23/15 16:30

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SAMPLE ANALYTE COUNT

Project: Bannister IL 1561

Pace Project No.: 60192648

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60192648001	BFC-PAINT H101	EPA 6010	SMW	7
		EPA 7470	TDS	1
60192648002	BFC-PAINT H102	EPA 6010	SMW	7
		EPA 7470	TDS	1
60192648003	BFC-BITS E101	EPA 8082	JDH	8
60192648004	BFC-BITS E102	EPA 8082	JDH	8
60192648005	BFC-BITS E103	EPA 6010	SMW	7
		EPA 7470	TDS	1
60192648006	BFC-BITS E104	EPA 6010	SMW	7
		EPA 7470	TDS	1
60192648007	BFC-BITS E105	EPA 8270	JMT	18
60192648008	BFC-BITS E106	EPA 8270	JMT	18

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192648

Sample: BFC-PAINT H101 **Lab ID: 60192648001** Collected: 04/23/15 06:40 Received: 04/23/15 16:30 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; 05/01/15 00:00						
Arsenic	ND	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:12	7440-38-2	
Barium	ND	mg/L	2.5	1	05/03/15 12:30	05/04/15 12:12	7440-39-3	
Cadmium	ND	mg/L	0.050	1	05/03/15 12:30	05/04/15 12:12	7440-43-9	
Chromium	ND	mg/L	0.10	1	05/03/15 12:30	05/04/15 12:12	7440-47-3	
Lead	3.7	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:12	7439-92-1	
Selenium	ND	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:12	7782-49-2	
Silver	ND	mg/L	0.10	1	05/03/15 12:30	05/04/15 12:12	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 05/01/15 00:00						
Mercury	ND	mg/L	0.0020	1	05/04/15 10:30	05/04/15 13:52	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192648

Sample: BFC-PAINT H102 **Lab ID: 60192648002** Collected: 04/23/15 06:55 Received: 04/23/15 16:30 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; 05/01/15 00:00						
Arsenic	ND	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:14	7440-38-2	
Barium	ND	mg/L	2.5	1	05/03/15 12:30	05/04/15 12:14	7440-39-3	
Cadmium	0.056	mg/L	0.050	1	05/03/15 12:30	05/04/15 12:14	7440-43-9	
Chromium	ND	mg/L	0.10	1	05/03/15 12:30	05/04/15 12:14	7440-47-3	
Lead	4.6	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:14	7439-92-1	
Selenium	ND	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:14	7782-49-2	
Silver	ND	mg/L	0.10	1	05/03/15 12:30	05/04/15 12:14	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 05/01/15 00:00						
Mercury	ND	mg/L	0.0020	1	05/04/15 10:30	05/04/15 13:55	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192648

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: BFC-BITS E101								
Lab ID: 60192648003								
Collected: 04/23/15 07:20								
Received: 04/23/15 16:30								
Matrix: Wipe								
8082 GCS PCB								
Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe)								
PCB-1016 (Aroclor 1016)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:36	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:36	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:36	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	60	%	57-112	1	04/27/15 00:00	04/29/15 22:36	2051-24-3	

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192648

Sample: BFC-BITS E102		Lab ID: 60192648004		Collected: 04/23/15 07:25	Received: 04/23/15 16:30	Matrix: Wipe		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB		Analytical Method: EPA 8082 Preparation Method: EPA 3580 (Wipe)						
PCB-1016 (Aroclor 1016)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:53	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	Total ug	1.0	1	04/27/15 00:00	04/29/15 22:53	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	68	%	57-112	1	04/27/15 00:00	04/29/15 22:53	2051-24-3	

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192648

Sample: BFC-BITS E103 **Lab ID: 60192648005** Collected: 04/23/15 07:25 Received: 04/23/15 16:30 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; 05/01/15 00:00						
Arsenic	ND	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:16	7440-38-2	
Barium	ND	mg/L	2.5	1	05/03/15 12:30	05/04/15 12:16	7440-39-3	
Cadmium	ND	mg/L	0.050	1	05/03/15 12:30	05/04/15 12:16	7440-43-9	
Chromium	ND	mg/L	0.10	1	05/03/15 12:30	05/04/15 12:16	7440-47-3	
Lead	ND	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:16	7439-92-1	
Selenium	ND	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:16	7782-49-2	
Silver	ND	mg/L	0.10	1	05/03/15 12:30	05/04/15 12:16	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 05/01/15 00:00						
Mercury	ND	mg/L	0.0020	1	05/04/15 10:30	05/04/15 14:01	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192648

Sample: BFC-BITS E104 **Lab ID: 60192648006** Collected: 04/23/15 07:40 Received: 04/23/15 16:30 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; 05/01/15 00:00						
Arsenic	ND	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:19	7440-38-2	
Barium	ND	mg/L	2.5	1	05/03/15 12:30	05/04/15 12:19	7440-39-3	
Cadmium	ND	mg/L	0.050	1	05/03/15 12:30	05/04/15 12:19	7440-43-9	
Chromium	ND	mg/L	0.10	1	05/03/15 12:30	05/04/15 12:19	7440-47-3	
Lead	ND	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:19	7439-92-1	
Selenium	ND	mg/L	0.50	1	05/03/15 12:30	05/04/15 12:19	7782-49-2	
Silver	ND	mg/L	0.10	1	05/03/15 12:30	05/04/15 12:19	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 05/01/15 00:00						
Mercury	ND	mg/L	0.0020	1	05/04/15 10:30	05/04/15 14:04	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL 1561

Pace Project No.: 60192648

Sample: BFC-BITS E105 **Lab ID: 60192648007** Collected: 04/23/15 07:50 Received: 04/23/15 16:30 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
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 05/01/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	156	1	05/04/15 00:00	05/05/15 10:50	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	156	1	05/04/15 00:00	05/05/15 10:50	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	156	1	05/04/15 00:00	05/05/15 10:50	87-68-3	
Hexachlorobenzene	ND	ug/L	156	1	05/04/15 00:00	05/05/15 10:50	118-74-1	
Hexachloroethane	ND	ug/L	156	1	05/04/15 00:00	05/05/15 10:50	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	156	1	05/04/15 00:00	05/05/15 10:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	312	1	05/04/15 00:00	05/05/15 10:50		
Nitrobenzene	ND	ug/L	156	1	05/04/15 00:00	05/05/15 10:50	98-95-3	
Pentachlorophenol	ND	ug/L	781	1	05/04/15 00:00	05/05/15 10:50	87-86-5	
Pyridine	ND	ug/L	156	1	05/04/15 00:00	05/05/15 10:50	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	781	1	05/04/15 00:00	05/05/15 10:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	156	1	05/04/15 00:00	05/05/15 10:50	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	65	%	60-113	1	05/04/15 00:00	05/05/15 10:50	4165-60-0	
2-Fluorobiphenyl (S)	65	%	64-106	1	05/04/15 00:00	05/05/15 10:50	321-60-8	
Terphenyl-d14 (S)	71	%	71-111	1	05/04/15 00:00	05/05/15 10:50	1718-51-0	
Phenol-d6 (S)	64	%	46-108	1	05/04/15 00:00	05/05/15 10:50	13127-88-3	
2-Fluorophenol (S)	60	%	48-101	1	05/04/15 00:00	05/05/15 10:50	367-12-4	
2,4,6-Tribromophenol (S)	73	%	54-119	1	05/04/15 00:00	05/05/15 10:50	118-79-6	

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