

ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H197 **Lab ID: 60190873019** Collected: 03/31/15 09:25 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:39	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 17:39	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 17:39	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:39	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:39	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:39	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:39	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:52	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H198 **Lab ID: 60190873020** Collected: 03/31/15 09:30 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:57	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 17:57	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 17:57	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:57	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:57	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:57	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:57	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:03	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H199 **Lab ID: 60190873021** Collected: 03/31/15 09:35 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:50	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:50	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:50	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:50	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:50	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:50	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:50	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 15:45	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H200A **Lab ID: 60190873022** Collected: 03/31/15 09:45 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:00	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:00	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:00	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:00	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:00	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:00	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:00	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:06	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H200B **Lab ID: 60190873023** Collected: 03/31/15 09:45 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:04	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:04	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:04	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:04	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:04	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:04	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:04	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:08	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H201 **Lab ID: 60190873024** Collected: 03/31/15 09:50 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:53	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:53	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:53	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:53	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:53	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:53	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:53	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 15:47	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H202 **Lab ID: 60190873025** Collected: 03/31/15 09:55 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:57	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:57	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:57	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:57	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:57	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:57	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:57	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 15:50	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H203 **Lab ID: 60190873026** Collected: 03/31/15 10:00 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:07	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:07	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:07	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:07	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:07	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:07	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:07	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:10	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H204 **Lab ID: 60190873027** Collected: 03/31/15 10:15 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:11	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:11	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:11	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:11	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:11	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:11	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:11	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:12	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H205 **Lab ID: 60190873028** Collected: 03/31/15 10:20 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:15	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:15	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:15	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:15	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:15	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:15	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:15	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:15	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H206 **Lab ID: 60190873029** Collected: 03/31/15 10:25 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:18	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:18	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:18	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:18	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:18	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:18	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:18	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:17	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H207 **Lab ID: 60190873030** Collected: 03/31/15 10:30 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:22	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:22	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:22	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:22	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:22	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:22	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:22	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:19	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H208 **Lab ID: 60190873031** Collected: 03/31/15 10:40 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:01	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 19:01	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 19:01	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 19:01	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:01	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:01	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 19:01	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 15:52	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H209 **Lab ID: 60190873032** Collected: 03/31/15 10:45 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:04	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 19:04	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 19:04	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 19:04	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:04	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:04	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 19:04	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 15:54	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H210 **Lab ID: 60190873033** Collected: 03/31/15 11:05 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:25	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:25	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:25	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:25	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:25	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:25	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:25	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:21	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H211 **Lab ID: 60190873034** Collected: 03/31/15 13:15 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:08	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 19:08	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 19:08	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 19:08	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:08	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:08	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 19:08	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 15:56	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H212 **Lab ID: 60190873035** Collected: 03/31/15 13:20 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:36	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:36	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:36	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:36	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:36	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:36	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:36	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:24	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H213 **Lab ID: 60190873036** Collected: 03/31/15 13:30 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:39	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 18:39	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 18:39	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:39	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:39	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 18:39	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 18:39	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 17:30	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H214 **Lab ID: 60190873037** Collected: 03/31/15 13:35 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:39	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 16:39	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 16:39	7440-43-9	
Chromium	0.11	mg/L	0.10	1	04/13/15 11:35	04/13/15 16:39	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:39	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:39	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 16:39	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:14	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H215 **Lab ID: 60190873038** Collected: 03/31/15 13:45 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:50	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 16:50	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 16:50	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 16:50	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:50	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:50	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 16:50	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:21	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H216 **Lab ID: 60190873039** Collected: 03/31/15 13:50 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:53	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 16:53	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 16:53	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 16:53	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:53	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:53	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 16:53	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:23	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H217 **Lab ID: 60190873040** Collected: 03/31/15 13:55 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:18	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 19:18	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 19:18	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 19:18	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:18	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 19:18	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 19:18	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 15:59	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H218 **Lab ID: 60190873041** Collected: 03/31/15 14:00 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:57	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 16:57	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 16:57	7440-43-9	
Chromium	0.13	mg/L	0.10	1	04/13/15 11:35	04/13/15 16:57	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:57	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 16:57	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 16:57	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:26	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H219 **Lab ID: 60190873042** Collected: 03/31/15 14:10 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:00	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 17:00	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 17:00	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:00	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:00	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:00	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:00	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:28	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H220A **Lab ID: 60190873043** Collected: 03/31/15 14:20 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:11	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 17:11	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 17:11	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:11	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:11	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:11	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:11	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:30	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H220B **Lab ID: 60190873044** Collected: 03/31/15 14:20 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:15	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 17:15	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 17:15	7440-43-9	
Chromium	0.19	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:15	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:15	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:15	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:15	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:37	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H221 **Lab ID: 60190873045** Collected: 03/31/15 14:25 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:18	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 17:18	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 17:18	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:18	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:18	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:18	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:18	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:39	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H222 **Lab ID: 60190873046** Collected: 03/31/15 14:30 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:22	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 17:22	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 17:22	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:22	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:22	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:22	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:22	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:41	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H223 **Lab ID: 60190873047** Collected: 03/31/15 14:35 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:25	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 17:25	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 17:25	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:25	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:25	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:25	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:25	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:43	7439-97-6	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190873

Sample: BFC-B91H224 **Lab ID: 60190873048** Collected: 03/31/15 15:00 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/12/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:29	7440-38-2	
Barium	ND	mg/L	2.5	1	04/13/15 11:35	04/13/15 17:29	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/13/15 11:35	04/13/15 17:29	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:29	7440-47-3	
Lead	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:29	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/13/15 11:35	04/13/15 17:29	7782-49-2	
Silver	ND	mg/L	0.10	1	04/13/15 11:35	04/13/15 17:29	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/12/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/13/15 10:55	04/13/15 16:46	7439-97-6	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190873

QC Batch: MERP/9481 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
 Associated Lab Samples: 60190873012, 60190873013, 60190873016, 60190873018

METHOD BLANK: 1548661 Matrix: Water
 Associated Lab Samples: 60190873012, 60190873013, 60190873016, 60190873018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/13/15 15:16	

LABORATORY CONTROL SAMPLE: 1548662

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0055	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548663 1548664

Parameter	Units	60190873016		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Mercury	mg/L	ND	.015	.015	0.017	0.017	114	114	75-125	0	20		

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190873

QC Batch:	MERP/9482	Analysis Method:	EPA 7470
QC Batch Method:	EPA 7470	Analysis Description:	7470 Mercury TCLP
Associated Lab Samples:	60190873001, 60190873002, 60190873003, 60190873004, 60190873005, 60190873006, 60190873007, 60190873008, 60190873009, 60190873010, 60190873011, 60190873014, 60190873015, 60190873017		

METHOD BLANK:	1548665	Matrix:	Water
Associated Lab Samples:	60190873001, 60190873002, 60190873003, 60190873004, 60190873005, 60190873006, 60190873007, 60190873008, 60190873009, 60190873010, 60190873011, 60190873014, 60190873015, 60190873017		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/13/15 13:30	

LABORATORY CONTROL SAMPLE: 1548666

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0048	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548667 1548668

Parameter	Units	60190873002 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	0.014	0.016	93	104	75-125	11	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190873

QC Batch: MERP/9483

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury TCLP

Associated Lab Samples: 60190873021, 60190873024, 60190873025, 60190873031, 60190873032, 60190873034, 60190873040

METHOD BLANK: 1548779

Matrix: Water

Associated Lab Samples: 60190873021, 60190873024, 60190873025, 60190873031, 60190873032, 60190873034, 60190873040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/13/15 15:36	

LABORATORY CONTROL SAMPLE: 1548780

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: 1548781 1548782

Parameter	Units	60190873040		MS		MSD		% Rec		Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Mercury	mg/L	ND	.015	.015	.015	.015	.015	98	99	75-125	1	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190873

QC Batch: MERP/9484 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
 Associated Lab Samples: 60190873037, 60190873038, 60190873039, 60190873041, 60190873042, 60190873043, 60190873044, 60190873045, 60190873046, 60190873047, 60190873048

METHOD BLANK: 1548783 Matrix: Water
 Associated Lab Samples: 60190873037, 60190873038, 60190873039, 60190873041, 60190873042, 60190873043, 60190873044, 60190873045, 60190873046, 60190873047, 60190873048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/13/15 16:10	

LABORATORY CONTROL SAMPLE: 1548784

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: 1548785 1548786

Parameter	Units	60190873037 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	0.017	109	107	75-125	1	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190873

QC Batch: MERP/9485 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 60190873019, 60190873020, 60190873022, 60190873023, 60190873026, 60190873027, 60190873028, 60190873029, 60190873030, 60190873033, 60190873035, 60190873036

METHOD BLANK: 1548787 Matrix: Water
Associated Lab Samples: 60190873019, 60190873020, 60190873022, 60190873023, 60190873026, 60190873027, 60190873028, 60190873029, 60190873030, 60190873033, 60190873035, 60190873036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/13/15 16:48	

LABORATORY CONTROL SAMPLE: 1548788

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0055	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548789 1548790

Parameter	Units	60190873019 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	0.018	0.019	120	124	75-125	4	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190873

QC Batch: MPRP/31390 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
Associated Lab Samples: 60190873012, 60190873013, 60190873016, 60190873018

METHOD BLANK: 1548644 Matrix: Water
Associated Lab Samples: 60190873012, 60190873013, 60190873016, 60190873018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/13/15 15:51	
Barium	mg/L	ND	2.5	04/13/15 15:51	
Cadmium	mg/L	ND	0.050	04/13/15 15:51	
Chromium	mg/L	ND	0.10	04/13/15 15:51	
Lead	mg/L	ND	0.50	04/13/15 15:51	
Selenium	mg/L	ND	0.50	04/13/15 15:51	
Silver	mg/L	ND	0.10	04/13/15 15:51	

LABORATORY CONTROL SAMPLE: 1548645

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	104	80-120	
Cadmium	mg/L	1	1.0	104	80-120	
Chromium	mg/L	1	1.0	100	80-120	
Lead	mg/L	1	1.1	106	80-120	
Selenium	mg/L	1	1.0	100	80-120	
Silver	mg/L	.5	0.49	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548646 1548647

Parameter	Units	60190873016		60190873017		60190873018		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Arsenic	mg/L	ND	10	10	9.7	10.4	97	104	75-125	7	20		
Barium	mg/L	ND	10	10	9.9	10.4	95	100	75-125	5	20		
Cadmium	mg/L	ND	10	10	10	10.7	100	107	75-125	7	20		
Chromium	mg/L	ND	10	10	9.5	10.0	95	100	75-125	5	20		
Lead	mg/L	ND	10	10	9.7	10.3	97	103	75-125	6	20		
Selenium	mg/L	ND	10	10	10.1	10.7	101	107	75-125	6	20		
Silver	mg/L	ND	5	5	4.7	5.1	95	101	75-125	7	20		

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190873

QC Batch: MPRP/31391 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
 Associated Lab Samples: 60190873001, 60190873002, 60190873003, 60190873004, 60190873005, 60190873006, 60190873007, 60190873008, 60190873009, 60190873010, 60190873011, 60190873014, 60190873015, 60190873017

METHOD BLANK: 1548653 Matrix: Water
 Associated Lab Samples: 60190873001, 60190873002, 60190873003, 60190873004, 60190873005, 60190873006, 60190873007, 60190873008, 60190873009, 60190873010, 60190873011, 60190873014, 60190873015, 60190873017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/13/15 14:27	
Barium	mg/L	ND	2.5	04/13/15 14:27	
Cadmium	mg/L	ND	0.050	04/13/15 14:27	
Chromium	mg/L	ND	0.10	04/13/15 14:27	
Lead	mg/L	ND	0.50	04/13/15 14:27	
Selenium	mg/L	ND	0.50	04/13/15 14:27	
Silver	mg/L	ND	0.10	04/13/15 14:27	

LABORATORY CONTROL SAMPLE: 1548654

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	1.0	101	80-120	
Barium	mg/L	1	1.1	106	80-120	
Cadmium	mg/L	1	1.1	106	80-120	
Chromium	mg/L	1	1.1	106	80-120	
Lead	mg/L	1	1.1	110	80-120	
Selenium	mg/L	1	1.0	102	80-120	
Silver	mg/L	.5	0.51	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548655 1548656

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		60190873002 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/L	ND	10	10	9.9	10.1	99	101	75-125	3	20
Barium	mg/L	ND	10	10	10.4	10.5	100	101	75-125	1	20
Cadmium	mg/L	ND	10	10	10.1	10.4	101	104	75-125	3	20
Chromium	mg/L	ND	10	10	9.9	10.2	99	102	75-125	3	20
Lead	mg/L	ND	10	10	9.9	10.2	99	102	75-125	3	20
Selenium	mg/L	ND	10	10	9.9	10.2	99	102	75-125	3	20
Silver	mg/L	ND	5	5	4.9	5.0	98	101	75-125	3	20

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190873

QC Batch: MPRP/31398 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
 Associated Lab Samples: 60190873021, 60190873024, 60190873025, 60190873031, 60190873032, 60190873034, 60190873040

METHOD BLANK: 1548791 Matrix: Water
 Associated Lab Samples: 60190873021, 60190873024, 60190873025, 60190873031, 60190873032, 60190873034, 60190873040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/13/15 18:46	
Barium	mg/L	ND	2.5	04/13/15 18:46	
Cadmium	mg/L	ND	0.050	04/13/15 18:46	
Chromium	mg/L	ND	0.10	04/13/15 18:46	
Lead	mg/L	ND	0.50	04/13/15 18:46	
Selenium	mg/L	ND	0.50	04/13/15 18:46	
Silver	mg/L	ND	0.10	04/13/15 18:46	

LABORATORY CONTROL SAMPLE: 1548792

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	1.0	100	80-120	
Barium	mg/L	1	1.1	110	80-120	
Cadmium	mg/L	1	1.1	107	80-120	
Chromium	mg/L	1	1.1	111	80-120	
Lead	mg/L	1	1.1	107	80-120	
Selenium	mg/L	1	1.0	100	80-120	
Silver	mg/L	.5	0.53	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548793 1548794

Parameter	Units	60190873040		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Arsenic	mg/L	ND	10	10	10.6	10.6	106	106	75-125	0	20		
Barium	mg/L	ND	10	10	11.8	11.7	115	114	75-125	0	20		
Cadmium	mg/L	ND	10	10	11.0	11.0	109	110	75-125	0	20		
Chromium	mg/L	ND	10	10	11.4	11.4	113	113	75-125	0	20		
Lead	mg/L	ND	10	10	10.2	10.2	102	102	75-125	0	20		
Selenium	mg/L	ND	10	10	10.4	10.5	104	104	75-125	0	20		
Silver	mg/L	ND	5	5	5.5	5.6	111	111	75-125	0	20		

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190873

QC Batch: MPRP/31399 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
 Associated Lab Samples: 60190873019, 60190873020, 60190873022, 60190873023, 60190873026, 60190873027, 60190873028, 60190873029, 60190873030, 60190873033, 60190873035, 60190873036

METHOD BLANK: 1548795 Matrix: Water
 Associated Lab Samples: 60190873019, 60190873020, 60190873022, 60190873023, 60190873026, 60190873027, 60190873028, 60190873029, 60190873030, 60190873033, 60190873035, 60190873036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/13/15 17:36	
Barium	mg/L	ND	2.5	04/13/15 17:36	
Cadmium	mg/L	ND	0.050	04/13/15 17:36	
Chromium	mg/L	ND	0.10	04/13/15 17:36	
Lead	mg/L	ND	0.50	04/13/15 17:36	
Selenium	mg/L	ND	0.50	04/13/15 17:36	
Silver	mg/L	ND	0.10	04/13/15 17:36	

LABORATORY CONTROL SAMPLE: 1548796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	1.0	102	80-120	
Barium	mg/L	1	1.1	110	80-120	
Cadmium	mg/L	1	1.1	109	80-120	
Chromium	mg/L	1	1.1	108	80-120	
Lead	mg/L	1	1.1	111	80-120	
Selenium	mg/L	1	1.0	104	80-120	
Silver	mg/L	.5	0.52	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548797 1548798

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		60190873019 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/L	ND	10	10	10.3	10.4	103	104	75-125	1	20
Barium	mg/L	ND	10	10	11.5	11.8	109	112	75-125	2	20
Cadmium	mg/L	ND	10	10	10.7	10.8	107	108	75-125	1	20
Chromium	mg/L	ND	10	10	10.5	10.9	105	109	75-125	4	20
Lead	mg/L	ND	10	10	10.2	10.4	102	103	75-125	1	20
Selenium	mg/L	ND	10	10	10.4	10.4	104	104	75-125	0	20
Silver	mg/L	ND	5	5	5.3	5.4	106	108	75-125	1	20

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190873

QC Batch: MPRP/31400 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
Associated Lab Samples: 60190873037, 60190873038, 60190873039, 60190873041, 60190873042, 60190873043, 60190873044, 60190873045, 60190873046, 60190873047, 60190873048

METHOD BLANK: 1548799 Matrix: Water
Associated Lab Samples: 60190873037, 60190873038, 60190873039, 60190873041, 60190873042, 60190873043, 60190873044, 60190873045, 60190873046, 60190873047, 60190873048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/13/15 16:36	
Barium	mg/L	ND	2.5	04/13/15 16:36	
Cadmium	mg/L	ND	0.050	04/13/15 16:36	
Chromium	mg/L	ND	0.10	04/13/15 16:36	
Lead	mg/L	ND	0.50	04/13/15 16:36	
Selenium	mg/L	ND	0.50	04/13/15 16:36	
Silver	mg/L	ND	0.10	04/13/15 16:36	

LABORATORY CONTROL SAMPLE: 1548800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	1.0	103	80-120	
Barium	mg/L	1	1.1	109	80-120	
Cadmium	mg/L	1	1.1	110	80-120	
Chromium	mg/L	1	1.0	103	80-120	
Lead	mg/L	1	1.1	112	80-120	
Selenium	mg/L	1	1.1	107	80-120	
Silver	mg/L	.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1548801 1548802

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result						
Arsenic	mg/L	ND	10	10	10.5	10.3	105	103	75-125	2	20
Barium	mg/L	ND	10	10	11.1	12.2	108	119	75-125	10	20
Cadmium	mg/L	ND	10	10	10.9	10.7	109	107	75-125	1	20
Chromium	mg/L	0.11	10	10	10.3	9.9	101	97	75-125	4	20
Lead	mg/L	ND	10	10	10.5	10.4	105	103	75-125	1	20
Selenium	mg/L	ND	10	10	10.8	10.7	107	107	75-125	1	20
Silver	mg/L	ND	5	5	5.2	5.0	104	100	75-125	5	20

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Bannister IL1561

Pace Project No.: 60190873

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60190873

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60190873001	BFC-B91H180A	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873002	BFC-B91H180B	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873003	BFC-B91H181	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873004	BFC-B91H182	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873005	BFC-B91H183	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873006	BFC-B91H184	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873007	BFC-B91H185	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873008	BFC-B91H186	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873009	BFC-B91H187	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873010	BFC-B91H188	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873011	BFC-B91H189	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873012	BFC-B91H190	EPA 3010	MPRP/31390	EPA 6010	ICP/23345
60190873013	BFC-B91H191	EPA 3010	MPRP/31390	EPA 6010	ICP/23345
60190873014	BFC-B91H192	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873015	BFC-B91H193	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873016	BFC-B91H194	EPA 3010	MPRP/31390	EPA 6010	ICP/23345
60190873017	BFC-B91H195	EPA 3010	MPRP/31391	EPA 6010	ICP/23346
60190873018	BFC-B91H196	EPA 3010	MPRP/31390	EPA 6010	ICP/23345
60190873019	BFC-B91H197	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873020	BFC-B91H198	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873021	BFC-B91H199	EPA 3010	MPRP/31398	EPA 6010	ICP/23352
60190873022	BFC-B91H200A	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873023	BFC-B91H200B	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873024	BFC-B91H201	EPA 3010	MPRP/31398	EPA 6010	ICP/23352
60190873025	BFC-B91H202	EPA 3010	MPRP/31398	EPA 6010	ICP/23352
60190873026	BFC-B91H203	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873027	BFC-B91H204	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873028	BFC-B91H205	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873029	BFC-B91H206	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873030	BFC-B91H207	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873031	BFC-B91H208	EPA 3010	MPRP/31398	EPA 6010	ICP/23352
60190873032	BFC-B91H209	EPA 3010	MPRP/31398	EPA 6010	ICP/23352
60190873033	BFC-B91H210	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873034	BFC-B91H211	EPA 3010	MPRP/31398	EPA 6010	ICP/23352
60190873035	BFC-B91H212	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873036	BFC-B91H213	EPA 3010	MPRP/31399	EPA 6010	ICP/23351
60190873037	BFC-B91H214	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873038	BFC-B91H215	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873039	BFC-B91H216	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873040	BFC-B91H217	EPA 3010	MPRP/31398	EPA 6010	ICP/23352

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60190873

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60190873041	BFC-B91H218	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873042	BFC-B91H219	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873043	BFC-B91H220A	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873044	BFC-B91H220B	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873045	BFC-B91H221	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873046	BFC-B91H222	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873047	BFC-B91H223	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873048	BFC-B91H224	EPA 3010	MPRP/31400	EPA 6010	ICP/23350
60190873001	BFC-B91H180A	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873002	BFC-B91H180B	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873003	BFC-B91H181	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873004	BFC-B91H182	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873005	BFC-B91H183	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873006	BFC-B91H184	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873007	BFC-B91H185	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873008	BFC-B91H186	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873009	BFC-B91H187	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873010	BFC-B91H188	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873011	BFC-B91H189	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873012	BFC-B91H190	EPA 7470	MERP/9481	EPA 7470	MERC/9435
60190873013	BFC-B91H191	EPA 7470	MERP/9481	EPA 7470	MERC/9435
60190873014	BFC-B91H192	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873015	BFC-B91H193	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873016	BFC-B91H194	EPA 7470	MERP/9481	EPA 7470	MERC/9435
60190873017	BFC-B91H195	EPA 7470	MERP/9482	EPA 7470	MERC/9433
60190873018	BFC-B91H196	EPA 7470	MERP/9481	EPA 7470	MERC/9435
60190873019	BFC-B91H197	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873020	BFC-B91H198	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873021	BFC-B91H199	EPA 7470	MERP/9483	EPA 7470	MERC/9436
60190873022	BFC-B91H200A	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873023	BFC-B91H200B	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873024	BFC-B91H201	EPA 7470	MERP/9483	EPA 7470	MERC/9436
60190873025	BFC-B91H202	EPA 7470	MERP/9483	EPA 7470	MERC/9436
60190873026	BFC-B91H203	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873027	BFC-B91H204	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873028	BFC-B91H205	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873029	BFC-B91H206	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873030	BFC-B91H207	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873031	BFC-B91H208	EPA 7470	MERP/9483	EPA 7470	MERC/9436
60190873032	BFC-B91H209	EPA 7470	MERP/9483	EPA 7470	MERC/9436
60190873033	BFC-B91H210	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873034	BFC-B91H211	EPA 7470	MERP/9483	EPA 7470	MERC/9436

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60190873

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60190873035	BFC-B91H212	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873036	BFC-B91H213	EPA 7470	MERP/9485	EPA 7470	MERC/9438
60190873037	BFC-B91H214	EPA 7470	MERP/9484	EPA 7470	MERC/9437
60190873038	BFC-B91H215	EPA 7470	MERP/9484	EPA 7470	MERC/9437
60190873039	BFC-B91H216	EPA 7470	MERP/9484	EPA 7470	MERC/9437
60190873040	BFC-B91H217	EPA 7470	MERP/9483	EPA 7470	MERC/9436
60190873041	BFC-B91H218	EPA 7470	MERP/9484	EPA 7470	MERC/9437
60190873042	BFC-B91H219	EPA 7470	MERP/9484	EPA 7470	MERC/9437
60190873043	BFC-B91H220A	EPA 7470	MERP/9484	EPA 7470	MERC/9437
60190873044	BFC-B91H220B	EPA 7470	MERP/9484	EPA 7470	MERC/9437
60190873045	BFC-B91H221	EPA 7470	MERP/9484	EPA 7470	MERC/9437
60190873046	BFC-B91H222	EPA 7470	MERP/9484	EPA 7470	MERC/9437
60190873047	BFC-B91H223	EPA 7470	MERP/9484	EPA 7470	MERC/9437
60190873048	BFC-B91H224	EPA 7470	MERP/9484	EPA 7470	MERC/9437

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60190873



Client Name: Brandenburg Ind. Ser.

Courier: FedEx UPS VIA Clay PEX ECI Pace Other Client

Tracking #: _____ Pace Shipping Label Used? Yes No

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

Packing Material: Bubble Wrap Bubble Bags Foam None Other

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

Cooler Temperature: 2.3

Temperature should be above freezing to 6°C

Date and initials of person examining contents: BB 3/3 4/1/15

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 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 type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <u>No P/T on Coc All collected 3/3/15 for Times See ATTACHED -></u>
Includes date/time/ID/analyses <u>N</u> 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) <u>4/1</u>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>101314-3</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:

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: 4/1/15

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A	Section B	Section C
Required Client Information:		Invoice Information:
Company: Brandenburg Industrial Service Co. Address: 2625 S. Loomis St. Chicago, IL 60608	Report To: Nick Rojas Copy To:	Attention: Bryan Roberson Company Name: Brandenburg Address: 2625 S. Loomis St, Chicago, IL 60608 Regulatory Agency:
Email: brandenburg.com Phone: 312.407.8343 Requested Due Date: 3/31/15	Purchase Order #: 506848 Project Name: Brandenburg Bannister Project #: 151501	Pace Quote: Pace Project Manager: alice.flanagan@pacelabs.com Pace Profile #:
		State / Location: MO

Page: 1 Of 1

ITEM #	MATRIX	MATRIX CODE	COLLECTED		DATE	TIME	PRESERVATIVES							ANALYSES TEST Y/N	REQUESTED ANALYSIS FILTERED (Y/N)								RESIDUAL CHLORINE (Y/N)							
			START	END			DATE	TIME	UNPRESERVED	H2SO4	HNO3	HCl	NaOH		Na2S2O3	Methanol	Other	PcBs by 8082	Reactives	Metals-Total Be	pH/percent moisture	Specific Gravity		TCLP Metals/SVOCs	TCLP VOCs B260	B260 VOCs Full List	PcBs by 8082	Flashpoint		
1	BFC-B91H191	DW																												151501 013
2	BFC-B91H192	WT																												014
3	BFC-B91H193	WW																												015
4	BFC-B91H194	P																												016
5	BFC-B91H195	SL																												017
6	BFC-B91H196	VL																												018
7	BFC-B91H197	VP																												019
8	BFC-B91H198	AK																												020
9	BFC-B91H199	OT																												021
10	BFC-B91H200A	TS																												022
11	BFC-B91H200B																													023
12	BFC-B91H201																													024

REL. DISBURSED 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 In tact (Y/N)
<i>[Signature]</i>	3/31/15	4:20	<i>[Signature]</i>	3/31/15	4:20	2.3	Y	Y	Y	Y
<i>[Signature]</i>	3/31/15	19:15	<i>[Signature]</i>	3/31/15	19:15	2.3	Y	Y	Y	Y
SAMPLER NAME AND SIGNATURE										
PRINT Name of SAMPLER: Nick Rojas										
SIGNATURE of SAMPLER: <i>[Signature]</i> DATE Signed: 3/31/15										



CHAIN-OF-CUSTODY / Analytical Request Document

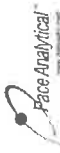
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: Brandenburg Industrial Service Co. Address: 2625 S. Loomis St. Chicago, IL 60608 Email: <i>miniled@brandenburg.com</i> Phone: (708) 455-6744 Fax: Requested Due Date: <i>SIX MONTH</i>	Section B Required Project Information: Report To: Nick Rojas Copy To: Purchase Order #: <i>506548</i> Project Name: Brandenburg Bannister Project #: <i>31156</i>
--	---

Section C Invoice Information: Attention: <i>Nick Rojas</i> Company Name: <i>Brandenburg</i> Address: <i>2625 S. Loomis St. Chicago IL 60608</i> Pace Quote: Pace Project Manager: <i>alice.flanagan@pacelabs.com</i> Pace Profile #:	Regulatory Agency State / Location MO
---	---

ITEM #	MATRIX CODE <small>DW: Drinking Water WT: Waste Water WW: Waste Water Product P: Soil/Solid SL: Oil WP: Wipe AR: Air OT: Other TS: Tissue</small>	COLLECTED		SAMPLER TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	PRESERVATIVES		Y/N	Requested Analysis Filtered (Y/N)	TEMP in C	Received on	Custody (Y/N)	Sealed (Y/N)	Cooler (Y/N)	Samples (Y/N)			
		START DATE	END DATE			UNPRESERVED	H2SO4									HNO3	HCl	NaOH
1				SLC	SLC													
2				SLC	SLC													
3				SLC	SLC													
4				SLC	SLC													
5				SLC	SLC													
6				SLC	SLC													
7				SLC	SLC													
8				SLC	SLC													
9				SLC	SLC													
10				SLC	SLC													
11				SLC	SLC													
12				SLC	SLC													
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS					
					<i>nick rojas</i>	<i>3/31/15 4:20</i>	<i>4:20</i>	<i>nick rojas</i> <i>Brandenburg</i>			<i>3/31/15</i>	<i>4:20</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>

SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: <i>Nick Rojas</i> SIGNATURE of SAMPLER: <i>[Signature]</i> DATE Signed: <i>3/30/15</i>				Residual Chlorine (Y/N) Flashpoint PCBs by 8082 PCBs by 8082
---	--	--	--	---



CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company: Brandenburg Industrial Service Co.
 Address: 2625 S. Loomis St.
 Chicago, IL 60608
 Email: *Brandenburg, Inc*
 Phone: *312-505-0701* Fax
 Requested Due Date: *2/15/15*

Section B Required Project Information:

Report To: Nick Rojas
 Copy To:
 Purchase Order #: *506848*
 Project Name: Brandenburg Bannister
 Project #: *11561*

Section C Invoice Information:

Attention: *Byron Kobers*
 Company Name: *Brandenburg*
 Address: *2625 S Loomis St Chicago, IL 60608*
 Pace Quote:
 Pace Project Manager: *alice.flanagan@pace labs.com*
 Pace Profile #:
 State / Location: MO
 Regulatory Agency:

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G-RAB C-COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Y/N	Requested Analysis Filtered (Y/N)														
			START	END														DATE	TIME	PCBs by 8082	Reactives	Metals-Total Be	pH/percent moisture	BZ70 SVOC	Specific Gravity	TCLP Metals/SVOCs	TCLP VOCs 8260	8260 VOCs Full List	PCBs by 8082	Flashpoint	Residual Chlorine (Y/N)	
1	BFC-B91H214	SLC																X	X	X	X	X	X								WGS KW	037
2	BFC-B91H215	SLC																X	X	X	X	X	X								038	
3	BFC-B91H216	SLC																X	X	X	X	X	X								039	
4	BFC-B91H217	SLC																X	X	X	X	X	X								040	
5	BFC-B91H218	SLC																X	X	X	X	X	X								041	
6	BFC-B91H219	SLC																X	X	X	X	X	X								042	
7	BFC-B91H220A	SLC																X	X	X	X	X	X								043	
8	BFC-B91H220B	SLC																X	X	X	X	X	X								044	
9	BFC-B91H221	SLC																X	X	X	X	X	X								045	
10	BFC-B91H222	SLC																X	X	X	X	X	X								046	
11	BFC-B91H223	SLC																X	X	X	X	X	X								047	
12	BFC-B91H224	SLC																X	X	X	X	X	X								048 2169178	

RELINQUISHED BY / AFFILIATION: *[Signature]* DATE: 3/21/15 TIME: 4:20

ACCEPTED BY / AFFILIATION: *[Signature]* DATE: 3/23/15 TIME: 1715

RECEIVED ON: (Y/N) Received on: (Y/N) Sealed Cooler (Y/N) Intact (Y/N)

TEMP in C: 2.3

SAMPLE CONDITIONS

ADDITIONAL COMMENTS

SAMPLER NAME AND SIGNATURE: *[Signature]*

PRINT Name of SAMPLER: *Nick Rojas*

SIGNATURE of SAMPLER: *[Signature]*

DATE Signed: 3/23/15



CHAIN-OF-CUSTODY / Analytical Request Do

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

Section A

Required Client Information:
 Company: Brandenburg Industrial Service Co.
 Address: 2625 S. Loomis St.
 Chicago, IL 60608
 Email: rainic@brandenburg.com
 Phone: (312) 465-0704 Fax
 Requested Due Date: STANDARD

Section B

Required Project Information:
 Report To: Nick Rojas
 Copy To:
 Purchase Order #: 506948
 Project Name: Brandenburg Biomaster
 Project #: 115101

Section C

Invoice Information:
 Attention: Bryan Roberson
 Company Name: BRANDENBURG
 Address: 2625 S. Loomis St. Chicago
 Pace Quote:
 Pace Project Manager: alice.flanagan@pacelabs.com
 Pace Profile #:

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample ids must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	COLLECTED		DATE	TIME	DATE	TIME	REL. DISH BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	
				START	END									
1	BFC-BA1H180A													
2	BFC-BA1H180B													
3	BFC-BA1H181													
4	BFC-BA1H182													
5	BFC-BA1H183													
6	BFC-BA1H184													
7	BFC-BA1H185													
8	BFC-BA1H186													
9	BFC-BA1H187													
10	BFC-BA1H188													
11	BFC-BA1H189													
12	BFC-BA1H190													
ADDITIONAL COMMENTS														

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample ids must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	COLLECTED		DATE	TIME	DATE	TIME	REL. DISH BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	
				START	END									
1	BFC-BA1H191													
2	BFC-BA1H192													
3	BFC-BA1H193													
4	BFC-BA1H194													
5	BFC-BA1H195													
6	BFC-BA1H196													
7	BFC-BA1H197													
8	BFC-BA1H198													
9	BFC-BA1H199													
10	BFC-BA1H200A													
11	BFC-BA1H200B													
12	BFC-BA1H201													
ADDITIONAL COMMENTS														

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Nick Rojas
 SIGNATURE of SAMPLER: [Signature]
 DATE Signed: _____



CHAIN-OF-CUSTODY / Analytical Request

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields

Section A
Required Client Information:
 Company: Brandenburg Industrial Service Co.
 Address: 2625 S. Loomis St.
 Chicago, IL 60608
 Email: nic@brandenburg.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: Brandenburg Bannister
 Project #: 11561

Section C
Invoice Information:
 Attention: Byron Robertson
 Company Name: Brandenburg
 Address: 2625 S. Loomis St. Chicago
 Pace Quote:
 Pace Project Manager: alice.flanagan@paceabs.cc
 Pace Profile #:

Section A
Required Client Information:
 Company: Brandenburg Industrial Service Co.
 Address: 2625 S. Loomis St.
 Chicago, IL 60608
 Email: nic@brandenburg.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: Brandenburg Bannister
 Project #: 11561

Section C
Invoice Information:
 Attention: Byron Robertson
 Company Name: Brandenburg
 Address: 2625 S. Loomis St. Chicago
 Pace Quote:
 Pace Project Manager: alice.flanagan@paceabs.cc
 Pace Profile #:

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / . -)	MATRIX	CODE	MATRIX TYPE (see valid codes to left)	COLLECTED		# OF CONTAINERS	PRESERVATIVES						ANALYSES TEST	Y/N	REACTIVES
					START DATE	END DATE		UNPRESERVED	H2SO4	HNO3	HCl	NaOH	Na2S2O3			
1	BFC-B91H214	1335	SLC	SLC												
2	BFC-B91H215	1345	SLC	SLC												
3	BFC-B91H216	1350	SLC	SLC												
4	BFC-B91H217	1355	SLC	SLC												
5	BFC-B91H218	1400	SLC	SLC												
6	BFC-B91H219	1410	SLC	SLC												
7	BFC-B91H220A	1420	SLC	SLC												
8	BFC-B91H220B	1420	SLC	SLC												
9	BFC-B91H221	1425	SLC	SLC												
10	BFC-B91H222	1430	SLC	SLC												
11	BFC-B91H223	1435	SLC	SLC												
12	BFC-B91H224	1500	SLC	SLC												

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / . -)	MATRIX	CODE	MATRIX TYPE (see valid codes to left)	COLLECTED		# OF CONTAINERS	PRESERVATIVES						ANALYSES TEST	Y/N	REACTIVES
					START DATE	END DATE		UNPRESERVED	H2SO4	HNO3	HCl	NaOH	Na2S2O3			
1	BFC-B91H202	0955	SLC	SLC												
2	BFC-B91H203	1000	SLC	SLC												
3	BFC-B91H204	1015	SLC	SLC												
4	BFC-B91H205	1020	SLC	SLC												
5	BFC-B91H206	1025	SLC	SLC												
6	BFC-B91H207	1030	SLC	SLC												
7	BFC-B91H208	1040	SLC	SLC												
8	BFC-B91H209	1045	SLC	SLC												
9	BFC-B91H210	1105	SLC	SLC												
10	BFC-B91H211	1315	SLC	SLC												
11	BFC-B91H212	1320	SLC	SLC												
12	BFC-B91H213	1330	SLC	SLC												

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION: *nic*

DATE: 3/31/15

TIME: 4:20

ACCEPTED BY / AFFILIATION: *ALICE*

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Nick Rojas

SIGNATURE of SAMPLER: *Nick Rojas*

DATE:

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION: *nic*

DATE:

TIME:

ACCEPTED BY / AFFILIATION:

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE:

April 03, 2015

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

RE: Project: Bannister IL1561
Pace Project No.: 60190862

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on March 31, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Alice Flanagan
alice.flanagan@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Bannister IL1561

Pace Project No.: 60190862

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL1561

Pace Project No.: 60190862

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60190862001	BFC-CORELYR01	Solid	03/31/15 14:00	03/31/15 17:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60190862

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60190862001	BFC-CORELYR01	EPA 8082	JDH	8
		EPA 6010	JGP	7
		EPA 7470	TDS	1
		ASTM D2974	DWC	1

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190862

Sample: BFC-CORELYR01 **Lab ID: 60190862001** Collected: 03/31/15 14:00 Received: 03/31/15 17:15 Matrix: Solid

Results reported on a "dry 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	66.5	2	04/01/15 00:00	04/02/15 12:49	12674-11-2	R1
PCB-1221 (Aroclor 1221)	ND	ug/kg	133	2	04/01/15 00:00	04/02/15 12:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	66.5	2	04/01/15 00:00	04/02/15 12:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	66.5	2	04/01/15 00:00	04/02/15 12:49	53469-21-9	
PCB-1248 (Aroclor 1248)	103	ug/kg	66.5	2	04/01/15 00:00	04/02/15 12:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	66.5	2	04/01/15 00:00	04/02/15 12:49	11097-69-1	
PCB-1260 (Aroclor 1260)	59.1J	ug/kg	66.5	2	04/01/15 00:00	04/02/15 12:49	11096-82-5	M1
Surrogates								
Decachlorobiphenyl (S)	85	%	26-127	2	04/01/15 00:00	04/02/15 12:49	2051-24-3	D3
6010 MET ICP, TCLP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
		Leachate Method/Date: EPA 1311; 04/01/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/02/15 11:00	04/02/15 18:36	7440-38-2	
Barium	ND	mg/L	2.5	1	04/02/15 11:00	04/02/15 18:36	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/02/15 11:00	04/02/15 18:36	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/02/15 11:00	04/02/15 18:36	7440-47-3	
Lead	ND	mg/L	0.50	1	04/02/15 11:00	04/02/15 18:36	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/02/15 11:00	04/02/15 18:36	7782-49-2	
Silver	ND	mg/L	0.10	1	04/02/15 11:00	04/02/15 18:36	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470						
		Leachate Method/Date: EPA 1311; 04/01/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/02/15 01:00	04/02/15 16:31	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.6	%	0.50	1	04/01/15 00:00			

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190862

QC Batch:	MERP/9452	Analysis Method:	EPA 7470
QC Batch Method:	EPA 7470	Analysis Description:	7470 Mercury TCLP
Associated Lab Samples:	60190862001		

METHOD BLANK: 1543404 Matrix: Water
Associated Lab Samples: 60190862001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/02/15 15:27	

LABORATORY CONTROL SAMPLE: 1543405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0055	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1543406 1543407

Parameter	Units	60190485001		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Mercury	mg/L	ND	.015	.015	.013	.014	89	92	75-125	3	20				

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190862

QC Batch: MPRP/31297 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
Associated Lab Samples: 60190862001

METHOD BLANK: 1543217 Matrix: Water
Associated Lab Samples: 60190862001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/02/15 18:22	
Barium	mg/L	ND	2.5	04/02/15 18:22	
Cadmium	mg/L	ND	0.050	04/02/15 18:22	
Chromium	mg/L	ND	0.10	04/02/15 18:22	
Lead	mg/L	ND	0.50	04/02/15 18:22	
Selenium	mg/L	ND	0.50	04/02/15 18:22	
Silver	mg/L	ND	0.10	04/02/15 18:22	

LABORATORY CONTROL SAMPLE: 1543218

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	0.95	95	80-120	
Chromium	mg/L	1	0.95	95	80-120	
Lead	mg/L	1	1.0	100	80-120	
Selenium	mg/L	1	0.92	92	80-120	
Silver	mg/L	.5	0.46	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1543219 1543220

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		60190485001 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/L	ND	10	10	9.8	9.5	97	94	75-125	3	20
Barium	mg/L	ND	10	10	10.7	10.4	99	96	75-125	3	20
Cadmium	mg/L	ND	10	10	9.8	9.5	98	95	75-125	3	20
Chromium	mg/L	0.32	10	10	9.9	9.7	96	93	75-125	3	20
Lead	mg/L	ND	10	10	10.0	9.8	99	97	75-125	3	20
Selenium	mg/L	ND	10	10	9.8	9.5	97	94	75-125	3	20
Silver	mg/L	ND	5	5	4.7	4.6	94	91	75-125	3	20

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190862

QC Batch: OEXT/48768 Analysis Method: EPA 8082
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 60190862001

METHOD BLANK: 1542250 Matrix: Solid
Associated Lab Samples: 60190862001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.2	04/02/15 11:05	
PCB-1221 (Aroclor 1221)	ug/kg	ND	64.4	04/02/15 11:05	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.2	04/02/15 11:05	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.2	04/02/15 11:05	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.2	04/02/15 11:05	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.2	04/02/15 11:05	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.2	04/02/15 11:05	
Decachlorobiphenyl (S)	%	84	26-127	04/02/15 11:05	

LABORATORY CONTROL SAMPLE: 1542251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	165	150	91	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	165	155	94	69-126	
Decachlorobiphenyl (S)	%			83	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1542252 1542253

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		60190862001 Result	Spike Conc.	Spike Conc.	MS Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	166	170	83.1	256	50	150	12-190	102	31 R1
PCB-1260 (Aroclor 1260)	ug/kg	59.1J	166	170	47.7J	221	-7	95	23-145		28 M1
Decachlorobiphenyl (S)	%						82	82	26-127		

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190862

QC Batch: PMST/10605

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 60190862001

METHOD BLANK: 1542565

Matrix: Solid

Associated Lab Samples: 60190862001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/01/15 00:00	

SAMPLE DUPLICATE: 1542566

Parameter	Units	60190189006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.5	14.9	4	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Bannister IL1561

Pace Project No.: 60190862

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60190862

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60190862001	BFC-CORELYR01	EPA 3546	OEXT/48768	EPA 8082	GCSV/18677
60190862001	BFC-CORELYR01	EPA 3010	MPRP/31297	EPA 6010	ICP/23287
60190862001	BFC-CORELYR01	EPA 7470	MERP/9452	EPA 7470	MERC/9404
60190862001	BFC-CORELYR01	ASTM D2974	PMST/10605		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60190862



Client Name: Brandenburg Ind. Ser.

Courier: FedEx UPS VIA Clay PEX ECI Pace Other Client

Tracking #: _____ Pace Shipping Label Used? Yes No

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

Packing Material: Bubble Wrap Bubble Bags Foam None Other

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

Cooler Temperature: 2.3

Date and initials of person examining contents: BB 5/2 4/1/15

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7. <u>3-5 DAY</u>
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input 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 T/D on Coc</u>
Includes date/time/ID/analyses	<u>N</u> Matrix: <u>SL</u>	<u>Collected 3/3/15 @ 1400</u>
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Exceptions: VOA, Coliform, O&G, WI-DRO (water)	<u>4/1</u> <u>BB</u> <input checked="" type="checkbox"/> Yes <input 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: AAF

Date: 4/1/15



CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A	Section B	Section C
Required Client Information:	Required Project Information:	Invoice Information:
Company: Brandenburg Industrial Service Co.	Report To: Nick Rojas	Attention: <i>Byron Robinson</i>
Address: 2625 S. Loomis St.	Copy To:	Company Name: <i>Brandenburg</i>
Chicago, IL 60608	Purchase Order #: 506548	Address: <i>2625 S Loomis St Chicago, IL 60628</i>
Email: <i>BYRON@BRANDENBURG.COM</i>	Project Name: Brandenburg Bannister	Pace Quote:
Phone: <i>(773) 405-5104</i> Fax:	Project #: <i>IC156</i>	Pace Project Manager: <i>alice.flanagan@pacelabs.com</i>
Requested Due Date: <i>3-5-07</i>		Pace Profile #:

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives		Y/N	Requested Analysis Filtered (Y/N)		Residual Chlorine (Y/N)								
			START	END			Unpreserved	H2SO4		HNO3	HCl		NaOH	Na2S2O3	Methanol	Other	PCBs by 8082	Reactives	Metals-Total Be	pH/percent moisture
1	<i>BFC-CORELYROL</i>	<i>40</i>																		
2												<i>60190802</i>								
3												<i>wgku</i>								
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

RELEASING BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP IN C	Received on Ice (Y/N)	Custody Sealed (Y/N)	Samples Intact (Y/N)
<i>WIC</i>	<i>3/2/15</i>	<i>4:20</i>	<i>Ben Surph</i>	<i>3/31/15</i>	<i>17:15</i>	<i>2.3</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>
ADDITIONAL COMMENTS			SAMPLER NAME AND SIGNATURE						
			PRINT Name of SAMPLER: <i>Nick Rojas</i>						
			SIGNATURE of SAMPLER: <i>Nick Rojas</i>			DATE Signed: <i>3/31/15</i>			

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company: Brandenburg Industrial Service Co.
Address: 2625 S. Loomis St.
Chicago, IL 60608
Email: ralph@brandenburgis.com
Phone: (312) 405-0704 | Fax: []
Requested Due Date: Standard

Section B Required Project Information:

Report To: Nick Rojas
Copy To: []
Purchase Order #: []
Project Name: Brandenburg Bannister
Project #: TUS61

Section C Invoice Information:

Attention: BREN ROJEON
Company Name: Brandenburg
Address: 2625 S. Loomis Chicago, IL 60608
Pace Quote: []
Pace Project Manager: alice.finanagan@pacelabs.com.
Pace Profile #: []

Section D Regulatory Agency

State / Location: MO

Page : 1 Of 1

ITEM #	MATRIX	CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
				START DATE	START TIME	END DATE	END TIME										
1	MATRIX: Drinking Water	DW	BFC-091 H113							alice.finanagan	3/26/15	1641	4.5	Y	Y	Y	
2	MATRIX: Waste Water	WW	BFC-091 H114							alice.finanagan	3/26/15	1745	4.5	Y	Y	Y	
3	MATRIX: Waste Water Product	P	BFC-091 H115							alice.finanagan	3/26/15	1745	4.5	Y	Y	Y	
4	MATRIX: Soil/Solid	SL	BFC-091 H116							alice.finanagan	3/26/15	1745	4.5	Y	Y	Y	
5	MATRIX: Oil	OL	BFC-091 H117							alice.finanagan	3/26/15	1745	4.5	Y	Y	Y	
6	MATRIX: Wipe	WP	BFC-091 H118							alice.finanagan	3/26/15	1745	4.5	Y	Y	Y	
7	MATRIX: Air	AR	BFC-091 B119							alice.finanagan	3/26/15	1745	4.5	Y	Y	Y	
8	MATRIX: Other	OT	BFC-091 B120-A							alice.finanagan	3/26/15	1745	4.5	Y	Y	Y	
9	MATRIX: Tissue	TS	BFC-091 B120-B							alice.finanagan	3/26/15	1745	4.5	Y	Y	Y	
10																	
11																	
12																	

April 14, 2015

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

RE: Project: Bannister IL1561
Pace Project No.: 60190948

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 01, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Alice Flanagan
alice.flanagan@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Bannister IL1561

Pace Project No.: 60190948

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

WY STR Certification #: 2456.01

Arkansas Certification #: 13-012-0

Illinois Certification #: 003097

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407

Utah Certification #: KS00021

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL1561
Pace Project No.: 60190948

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60190948001	BFC-TCES-H103	Solid	04/01/15 08:20	04/01/15 16:20
60190948002	BFC-TCES-H104	Solid	04/01/15 08:28	04/01/15 16:20
60190948003	BFC-TCES-H105	Solid	04/01/15 08:35	04/01/15 16:20
60190948004	BFC-TCES-H106	Solid	04/01/15 08:40	04/01/15 16:20
60190948005	BFC-TCES-H107	Solid	04/01/15 08:49	04/01/15 16:20
60190948006	BFC-TCES-H108	Solid	04/01/15 09:00	04/01/15 16:20
60190948007	BFC-TCES-H109	Solid	04/01/15 09:05	04/01/15 16:20
60190948008	BFC-TCES-H110	Solid	04/01/15 09:10	04/01/15 16:20
60190948009	BFC-TCES-H111	Solid	04/01/15 09:15	04/01/15 16:20
60190948010	BFC-TCES-H112	Solid	04/01/15 09:20	04/01/15 16:20
60190948011	BFC-TCES-H113	Solid	04/01/15 09:35	04/01/15 16:20
60190948012	BFC-TCES-H114	Solid	04/01/15 09:50	04/01/15 16:20
60190948013	BFC-TCES-H115	Solid	04/01/15 10:00	04/01/15 16:20
60190948014	BFC-TCES-H116	Solid	04/01/15 10:05	04/01/15 16:20
60190948015	BFC-TCES-H117	Solid	04/01/15 10:15	04/01/15 16:20
60190948016	BFC-TCES-H118	Solid	04/01/15 10:28	04/01/15 16:20
60190948017	BFC-TCES-H119	Solid	04/01/15 11:10	04/01/15 16:20
60190948018	BFC-TCES-H120A	Solid	04/01/15 11:20	04/01/15 16:20
60190948019	BFC-TCES-H120B	Solid	04/01/15 11:25	04/01/15 16:20
60190948020	BFC-TCES-H121	Solid	04/01/15 11:35	04/01/15 16:20
60190948021	BFC-TCES-H122	Solid	04/01/15 10:30	04/01/15 16:20
60190948022	BFC-TCES-H123	Solid	04/01/15 10:50	04/01/15 16:20
60190948023	BFC-TCES-H124	Solid	04/01/15 11:00	04/01/15 16:20
60190948024	BFC-TCES-H125	Solid	04/01/15 11:05	04/01/15 16:20
60190948025	BFC-TCES-H126	Solid	04/01/15 11:10	04/01/15 16:20
60190948026	BFC-TCES-H127	Solid	04/01/15 11:30	04/01/15 16:20
60190948027	BFC-TCES-H128	Solid	04/01/15 11:25	04/01/15 16:20
60190948028	BFC-TCES-H129	Solid	04/01/15 11:35	04/01/15 16:20
60190948029	BFC-TCES-H130	Solid	04/01/15 11:45	04/01/15 16:20
60190948030	BFC-TCES-H131	Solid	04/01/15 13:20	04/01/15 16:20
60190948031	BFC-TCES-H132	Solid	04/01/15 13:35	04/01/15 16:20
60190948032	BFC-TCES-H133	Solid	04/01/15 13:40	04/01/15 16:20
60190948033	BFC-TCES-H134	Solid	04/01/15 13:50	04/01/15 16:20
60190948034	BFC-TCES-H135	Solid	04/01/15 13:55	04/01/15 16:20
60190948035	BFC-TCES-H136	Solid	04/01/15 14:25	04/01/15 16:20
60190948036	BFC-TCES-H137	Solid	04/01/15 14:35	04/01/15 16:20
60190948037	BFC-B37B-H101	Solid	04/01/15 06:00	04/01/15 16:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL1561

Pace Project No.: 60190948

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60190948038	BFC-B37B-H102	Solid	04/01/15 06:10	04/01/15 16:20
60190948039	BFC-B37B-H103	Solid	04/01/15 06:15	04/01/15 16:20
60190948040	BFC-B37B-H104	Solid	04/01/15 06:15	04/01/15 16:20
60190948041	BFC-B37B-H105	Solid	04/01/15 06:30	04/01/15 16:20
60190948042	BFC-B37B-H106	Solid	04/01/15 06:35	04/01/15 16:20
60190948043	BFC-B37B-H107	Solid	04/01/15 06:45	04/01/15 16:20
60190948044	BFC-B37B-H108	Solid	04/01/15 06:50	04/01/15 16:20
60190948045	BFC-B37B-H109	Solid	04/01/15 07:00	04/01/15 16:20
60190948046	BFC-B37B-H110	Solid	04/01/15 07:15	04/01/15 16:20
60190948047	BFC-TCES-H101	Solid	04/01/15 08:00	04/01/15 16:20
60190948048	BFC-TCES-H102	Solid	04/01/15 08:12	04/01/15 16:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60190948

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60190948001	BFC-TCES-H103	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948002	BFC-TCES-H104	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948003	BFC-TCES-H105	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948004	BFC-TCES-H106	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948005	BFC-TCES-H107	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948006	BFC-TCES-H108	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948007	BFC-TCES-H109	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948008	BFC-TCES-H110	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948009	BFC-TCES-H111	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948010	BFC-TCES-H112	EPA 6010	NDJ	7

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60190948

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948011	BFC-TCES-H113	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948012	BFC-TCES-H114	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948013	BFC-TCES-H115	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948014	BFC-TCES-H116	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948015	BFC-TCES-H117	EPA 6010	JGP	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948016	BFC-TCES-H118	EPA 6010	JGP	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948017	BFC-TCES-H119	EPA 6010	JGP	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948018	BFC-TCES-H120A	EPA 6010	JGP	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
60190948019	BFC-TCES-H120B	EPA 6010	JGP	7
		EPA 7470	ZBM	1

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60190948

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60190948020	BFC-TCES-H121	EPA 8270	JMT	18
		EPA 8260	JKL	13
		EPA 6010	JGP	7
		EPA 7470	ZBM	1
60190948021	BFC-TCES-H122	EPA 8270	JMT	18
		EPA 8260	JKL	13
		EPA 6010	JGP	7
		EPA 7470	ZBM	1
60190948022	BFC-TCES-H123	EPA 8270	JMT	18
		EPA 8260	JKL	13
		EPA 6010	JGP	7
		EPA 7470	ZBM	1
60190948023	BFC-TCES-H124	EPA 8270	JMT	18
		EPA 8260	JKL	13
		EPA 6010	JGP	7
		EPA 7470	ZBM	1
60190948024	BFC-TCES-H125	EPA 8270	JMT	18
		EPA 8260	JKL	13
		EPA 6010	JGP	7
		EPA 7470	ZBM	1
60190948025	BFC-TCES-H126	EPA 8270	JMT	18
		EPA 8260	JKL	13
		EPA 6010	JGP	7
		EPA 7470	ZBM	1
60190948026	BFC-TCES-H127	EPA 8270	JMT	18
		EPA 8260	JKL	13
		EPA 6010	JGP	7
		EPA 7470	ZBM	1
60190948027	BFC-TCES-H128	EPA 8270	JMT	18
		EPA 8260	JKL	13
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
60190948028	BFC-TCES-H129	EPA 8270	JMT	18
		EPA 8260	JKL	13
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60190948

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60190948029	BFC-TCES-H130	EPA 8260	JKL	13
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
60190948030	BFC-TCES-H131	EPA 8260	JKL	13
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
60190948031	BFC-TCES-H132	EPA 8260	JKL	13
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
60190948032	BFC-TCES-H133	EPA 8260	JKL	13
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
60190948033	BFC-TCES-H134	EPA 8260	JKL	13
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
60190948034	BFC-TCES-H135	EPA 8260	JKL	13
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
60190948035	BFC-TCES-H136	EPA 8260	JKL	13
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
60190948036	BFC-TCES-H137	EPA 8260	JKL	13
		EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
60190948037	BFC-B37B-H101	EPA 8260	JKL	13
		EPA 8082	JDH	8
60190948038	BFC-B37B-H102	ASTM D2974	DWC	1
		EPA 8082	JDH	8
		ASTM D2974	DWC	1

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60190948

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60190948039	BFC-B37B-H103	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60190948040	BFC-B37B-H104	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60190948041	BFC-B37B-H105	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60190948042	BFC-B37B-H106	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60190948043	BFC-B37B-H107	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60190948044	BFC-B37B-H108	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60190948045	BFC-B37B-H109	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60190948046	BFC-B37B-H110	EPA 8082	JDH	8
		ASTM D2974	DWC	1
60190948047	BFC-TCES-H101	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
		ASTM D2974	DWC	1
60190948048	BFC-TCES-H102	EPA 6010	NDJ	7
		EPA 7470	ZBM	1
		EPA 8270	JMT	18
		EPA 8260	JKL	13
		ASTM D2974	DWC	1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561
Pace Project No.: 60190948

Sample: BFC-TCES-H103 **Lab ID: 60190948001** Collected: 04/01/15 08:20 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:03	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:03	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:03	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:03	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:03	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:03	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:03	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 10:49	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/07/15 20:04	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/07/15 20:04	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/07/15 20:04	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/07/15 20:04	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/07/15 20:04	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/07/15 20:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/07/15 20:04		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/07/15 20:04	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/07/15 20:04	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/07/15 20:04	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/07/15 20:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/07/15 20:04	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	83	%	60-113	1	04/06/15 00:00	04/07/15 20:04	4165-60-0	
2-Fluorobiphenyl (S)	87	%	64-106	1	04/06/15 00:00	04/07/15 20:04	321-60-8	
Terphenyl-d14 (S)	85	%	71-111	1	04/06/15 00:00	04/07/15 20:04	1718-51-0	
Phenol-d6 (S)	83	%	46-108	1	04/06/15 00:00	04/07/15 20:04	13127-88-3	
2-Fluorophenol (S)	84	%	48-101	1	04/06/15 00:00	04/07/15 20:04	367-12-4	
2,4,6-Tribromophenol (S)	70	%	54-119	1	04/06/15 00:00	04/07/15 20:04	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Benzene	ND	ug/L	50.0	1		04/07/15 20:14	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/07/15 20:14	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/07/15 20:14	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/07/15 20:14	108-90-7	
Chloroform	ND	ug/L	200	1		04/07/15 20:14	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/07/15 20:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/07/15 20:14	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/07/15 20:14	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/07/15 20:14	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/07/15 20:14	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H103 **Lab ID: 60190948001** Collected: 04/01/15 08:20 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/07/15 20:14	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/07/15 20:14	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/07/15 20:14	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H104 **Lab ID: 60190948002** Collected: 04/01/15 08:28 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:06	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:06	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:06	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:06	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:06	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:06	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:06	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 10:56	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:12	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:12	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:12	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:12	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:12	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 13:12		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:12	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 13:12	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:12	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 13:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:12	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	92	%	60-113	1	04/06/15 00:00	04/08/15 13:12	4165-60-0	
2-Fluorobiphenyl (S)	95	%	64-106	1	04/06/15 00:00	04/08/15 13:12	321-60-8	
Terphenyl-d14 (S)	85	%	71-111	1	04/06/15 00:00	04/08/15 13:12	1718-51-0	
Phenol-d6 (S)	88	%	46-108	1	04/06/15 00:00	04/08/15 13:12	13127-88-3	
2-Fluorophenol (S)	91	%	48-101	1	04/06/15 00:00	04/08/15 13:12	367-12-4	
2,4,6-Tribromophenol (S)	76	%	54-119	1	04/06/15 00:00	04/08/15 13:12	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Benzene	ND	ug/L	50.0	1		04/07/15 20:29	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/07/15 20:29	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/07/15 20:29	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/07/15 20:29	108-90-7	
Chloroform	ND	ug/L	200	1		04/07/15 20:29	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/07/15 20:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/07/15 20:29	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/07/15 20:29	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/07/15 20:29	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/07/15 20:29	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H104 **Lab ID: 60190948002** Collected: 04/01/15 08:28 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	99	%	82-123	1		04/07/15 20:29	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/07/15 20:29	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/07/15 20:29	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H105 **Lab ID: 60190948003** Collected: 04/01/15 08:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:09	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:09	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:09	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:09	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:09	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:09	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:09	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 10:58	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:33	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:33	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:33	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:33	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:33	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 13:33		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:33	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 13:33	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:33	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 13:33	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:33	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	87	%	60-113	1	04/06/15 00:00	04/08/15 13:33	4165-60-0	
2-Fluorobiphenyl (S)	90	%	64-106	1	04/06/15 00:00	04/08/15 13:33	321-60-8	
Terphenyl-d14 (S)	85	%	71-111	1	04/06/15 00:00	04/08/15 13:33	1718-51-0	
Phenol-d6 (S)	81	%	46-108	1	04/06/15 00:00	04/08/15 13:33	13127-88-3	
2-Fluorophenol (S)	84	%	48-101	1	04/06/15 00:00	04/08/15 13:33	367-12-4	
2,4,6-Tribromophenol (S)	71	%	54-119	1	04/06/15 00:00	04/08/15 13:33	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Benzene	ND	ug/L	50.0	1		04/07/15 20:45	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/07/15 20:45	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/07/15 20:45	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/07/15 20:45	108-90-7	
Chloroform	ND	ug/L	200	1		04/07/15 20:45	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/07/15 20:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/07/15 20:45	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/07/15 20:45	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/07/15 20:45	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/07/15 20:45	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H105 **Lab ID: 60190948003** Collected: 04/01/15 08:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	99	%	82-123	1		04/07/15 20:45	17060-07-0	
Toluene-d8 (S)	99	%	80-120	1		04/07/15 20:45	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		04/07/15 20:45	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561
Pace Project No.: 60190948

Sample: BFC-TCES-H106 **Lab ID: 60190948004** Collected: 04/01/15 08:40 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:13	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:13	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:13	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:13	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:13	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:13	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:13	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:00	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:54	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:54	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:54	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:54	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:54	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 13:54		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:54	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 13:54	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:54	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 13:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 13:54	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	93	%	60-113	1	04/06/15 00:00	04/08/15 13:54	4165-60-0	
2-Fluorobiphenyl (S)	96	%	64-106	1	04/06/15 00:00	04/08/15 13:54	321-60-8	
Terphenyl-d14 (S)	92	%	71-111	1	04/06/15 00:00	04/08/15 13:54	1718-51-0	
Phenol-d6 (S)	91	%	46-108	1	04/06/15 00:00	04/08/15 13:54	13127-88-3	
2-Fluorophenol (S)	94	%	48-101	1	04/06/15 00:00	04/08/15 13:54	367-12-4	
2,4,6-Tribromophenol (S)	77	%	54-119	1	04/06/15 00:00	04/08/15 13:54	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Benzene	ND	ug/L	50.0	1		04/07/15 21:00	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/07/15 21:00	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/07/15 21:00	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/07/15 21:00	108-90-7	
Chloroform	ND	ug/L	200	1		04/07/15 21:00	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/07/15 21:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/07/15 21:00	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/07/15 21:00	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/07/15 21:00	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/07/15 21:00	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H106 **Lab ID: 60190948004** Collected: 04/01/15 08:40 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/07/15 21:00	17060-07-0	
Toluene-d8 (S)	98	%	80-120	1		04/07/15 21:00	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/07/15 21:00	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H107 **Lab ID: 60190948005** Collected: 04/01/15 08:49 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:16	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:16	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:16	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:16	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:16	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:16	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:16	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:02	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:15	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:15	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:15	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:15	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:15	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 14:15		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:15	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 14:15	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:15	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 14:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:15	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	86	%	60-113	1	04/06/15 00:00	04/08/15 14:15	4165-60-0	
2-Fluorobiphenyl (S)	89	%	64-106	1	04/06/15 00:00	04/08/15 14:15	321-60-8	
Terphenyl-d14 (S)	85	%	71-111	1	04/06/15 00:00	04/08/15 14:15	1718-51-0	
Phenol-d6 (S)	86	%	46-108	1	04/06/15 00:00	04/08/15 14:15	13127-88-3	
2-Fluorophenol (S)	88	%	48-101	1	04/06/15 00:00	04/08/15 14:15	367-12-4	
2,4,6-Tribromophenol (S)	69	%	54-119	1	04/06/15 00:00	04/08/15 14:15	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Benzene	ND	ug/L	50.0	1		04/07/15 21:15	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/07/15 21:15	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/07/15 21:15	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/07/15 21:15	108-90-7	
Chloroform	ND	ug/L	200	1		04/07/15 21:15	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/07/15 21:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/07/15 21:15	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/07/15 21:15	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/07/15 21:15	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/07/15 21:15	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H107 **Lab ID: 60190948005** Collected: 04/01/15 08:49 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/07/15 21:15	17060-07-0	
Toluene-d8 (S)	102	%	80-120	1		04/07/15 21:15	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		04/07/15 21:15	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H108 **Lab ID: 60190948006** Collected: 04/01/15 09:00 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:20	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:20	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:20	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:20	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:20	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:20	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:20	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:05	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:35	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:35	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:35	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:35	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:35	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 14:35		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:35	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 14:35	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:35	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 14:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:35	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	91	%	60-113	1	04/06/15 00:00	04/08/15 14:35	4165-60-0	
2-Fluorobiphenyl (S)	92	%	64-106	1	04/06/15 00:00	04/08/15 14:35	321-60-8	
Terphenyl-d14 (S)	92	%	71-111	1	04/06/15 00:00	04/08/15 14:35	1718-51-0	
Phenol-d6 (S)	89	%	46-108	1	04/06/15 00:00	04/08/15 14:35	13127-88-3	
2-Fluorophenol (S)	90	%	48-101	1	04/06/15 00:00	04/08/15 14:35	367-12-4	
2,4,6-Tribromophenol (S)	75	%	54-119	1	04/06/15 00:00	04/08/15 14:35	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Benzene	ND	ug/L	50.0	1		04/07/15 21:30	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/07/15 21:30	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/07/15 21:30	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/07/15 21:30	108-90-7	
Chloroform	ND	ug/L	200	1		04/07/15 21:30	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/07/15 21:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/07/15 21:30	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/07/15 21:30	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/07/15 21:30	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/07/15 21:30	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H108 **Lab ID: 60190948006** Collected: 04/01/15 09:00 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	99	%	82-123	1		04/07/15 21:30	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/07/15 21:30	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/07/15 21:30	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H109 **Lab ID: 60190948007** Collected: 04/01/15 09:05 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:23	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:23	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:23	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:23	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:23	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:23	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:23	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:07	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:56	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:56	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:56	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:56	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:56	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 14:56		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:56	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 14:56	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:56	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 14:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 14:56	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	91	%	60-113	1	04/06/15 00:00	04/08/15 14:56	4165-60-0	
2-Fluorobiphenyl (S)	95	%	64-106	1	04/06/15 00:00	04/08/15 14:56	321-60-8	
Terphenyl-d14 (S)	90	%	71-111	1	04/06/15 00:00	04/08/15 14:56	1718-51-0	
Phenol-d6 (S)	89	%	46-108	1	04/06/15 00:00	04/08/15 14:56	13127-88-3	
2-Fluorophenol (S)	91	%	48-101	1	04/06/15 00:00	04/08/15 14:56	367-12-4	
2,4,6-Tribromophenol (S)	74	%	54-119	1	04/06/15 00:00	04/08/15 14:56	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Benzene	ND	ug/L	50.0	1		04/07/15 21:45	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/07/15 21:45	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/07/15 21:45	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/07/15 21:45	108-90-7	
Chloroform	ND	ug/L	200	1		04/07/15 21:45	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/07/15 21:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/07/15 21:45	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/07/15 21:45	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/07/15 21:45	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/07/15 21:45	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H109 **Lab ID: 60190948007** Collected: 04/01/15 09:05 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/07/15 21:45	17060-07-0	
Toluene-d8 (S)	99	%	80-120	1		04/07/15 21:45	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/07/15 21:45	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H110 **Lab ID: 60190948008** Collected: 04/01/15 09:10 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:27	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:27	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:27	7440-43-9	
Chromium	0.11	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:27	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:27	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:27	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:27	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:14	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:17	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:17	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:17	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:17	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:17	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 15:17		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:17	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 15:17	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:17	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 15:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:17	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	80	%	60-113	1	04/06/15 00:00	04/08/15 15:17	4165-60-0	
2-Fluorobiphenyl (S)	84	%	64-106	1	04/06/15 00:00	04/08/15 15:17	321-60-8	
Terphenyl-d14 (S)	82	%	71-111	1	04/06/15 00:00	04/08/15 15:17	1718-51-0	
Phenol-d6 (S)	80	%	46-108	1	04/06/15 00:00	04/08/15 15:17	13127-88-3	
2-Fluorophenol (S)	81	%	48-101	1	04/06/15 00:00	04/08/15 15:17	367-12-4	
2,4,6-Tribromophenol (S)	65	%	54-119	1	04/06/15 00:00	04/08/15 15:17	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 13:21	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 13:21	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 13:21	56-23-5	M1
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 13:21	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 13:21	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 13:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 13:21	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 13:21	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 13:21	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 13:21	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H110 **Lab ID: 60190948008** Collected: 04/01/15 09:10 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/13/15 13:21	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		04/13/15 13:21	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		04/13/15 13:21	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561
Pace Project No.: 60190948

Sample: BFC-TCES-H111 **Lab ID: 60190948009** Collected: 04/01/15 09:15 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:37	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:37	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:37	7440-43-9	
Chromium	0.12	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:37	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:37	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:37	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:37	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:16	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:38	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:38	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:38	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:38	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:38	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 15:38		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:38	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 15:38	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:38	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 15:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:38	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	82	%	60-113	1	04/06/15 00:00	04/08/15 15:38	4165-60-0	
2-Fluorobiphenyl (S)	85	%	64-106	1	04/06/15 00:00	04/08/15 15:38	321-60-8	
Terphenyl-d14 (S)	83	%	71-111	1	04/06/15 00:00	04/08/15 15:38	1718-51-0	
Phenol-d6 (S)	82	%	46-108	1	04/06/15 00:00	04/08/15 15:38	13127-88-3	
2-Fluorophenol (S)	83	%	48-101	1	04/06/15 00:00	04/08/15 15:38	367-12-4	
2,4,6-Tribromophenol (S)	68	%	54-119	1	04/06/15 00:00	04/08/15 15:38	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 13:51	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 13:51	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 13:51	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 13:51	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 13:51	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 13:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 13:51	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 13:51	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 13:51	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 13:51	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H111 **Lab ID: 60190948009** Collected: 04/01/15 09:15 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	102	%	82-123	1		04/13/15 13:51	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		04/13/15 13:51	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 13:51	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H112 **Lab ID: 60190948010** Collected: 04/01/15 09:20 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:41	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:41	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:41	7440-43-9	
Chromium	0.15	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:41	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:41	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:41	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:41	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:18	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:58	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:58	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:58	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:58	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:58	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 15:58		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:58	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 15:58	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:58	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 15:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 15:58	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	87	%	60-113	1	04/06/15 00:00	04/08/15 15:58	4165-60-0	
2-Fluorobiphenyl (S)	89	%	64-106	1	04/06/15 00:00	04/08/15 15:58	321-60-8	
Terphenyl-d14 (S)	86	%	71-111	1	04/06/15 00:00	04/08/15 15:58	1718-51-0	
Phenol-d6 (S)	84	%	46-108	1	04/06/15 00:00	04/08/15 15:58	13127-88-3	
2-Fluorophenol (S)	87	%	48-101	1	04/06/15 00:00	04/08/15 15:58	367-12-4	
2,4,6-Tribromophenol (S)	70	%	54-119	1	04/06/15 00:00	04/08/15 15:58	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 14:06	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 14:06	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 14:06	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 14:06	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 14:06	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 14:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 14:06	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 14:06	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 14:06	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 14:06	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H112 **Lab ID: 60190948010** Collected: 04/01/15 09:20 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	82-123	1		04/13/15 14:06	17060-07-0	
Toluene-d8 (S)	102	%	80-120	1		04/13/15 14:06	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		04/13/15 14:06	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H113 **Lab ID: 60190948011** Collected: 04/01/15 09:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6010 MET ICP, TCLP

Analytical Method: EPA 6010 Preparation Method: EPA 3010

Leachate Method/Date: EPA 1311; 04/03/15 00:00

Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:44	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:44	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:44	7440-43-9	
Chromium	0.11	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:44	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:44	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:44	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:44	7440-22-4	

7470 Mercury, TCLP

Analytical Method: EPA 7470 Preparation Method: EPA 7470

Leachate Method/Date: EPA 1311; 04/03/15 00:00

Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:20	7439-97-6	
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8270 MSSV TCLP Sep Funnel

Analytical Method: EPA 8270 Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 04/03/15 00:00

1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:19	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:19	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:19	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:19	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:19	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 16:19		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:19	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 16:19	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:19	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 16:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:19	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75	%	60-113	1	04/06/15 00:00	04/08/15 16:19	4165-60-0	
2-Fluorobiphenyl (S)	79	%	64-106	1	04/06/15 00:00	04/08/15 16:19	321-60-8	
Terphenyl-d14 (S)	80	%	71-111	1	04/06/15 00:00	04/08/15 16:19	1718-51-0	
Phenol-d6 (S)	73	%	46-108	1	04/06/15 00:00	04/08/15 16:19	13127-88-3	
2-Fluorophenol (S)	71	%	48-101	1	04/06/15 00:00	04/08/15 16:19	367-12-4	
2,4,6-Tribromophenol (S)	59	%	54-119	1	04/06/15 00:00	04/08/15 16:19	118-79-6	

8260 MSV TCLP

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00

Benzene	ND	ug/L	50.0	1		04/13/15 14:22	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 14:22	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 14:22	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 14:22	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 14:22	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 14:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 14:22	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 14:22	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 14:22	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 14:22	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H113 **Lab ID: 60190948011** Collected: 04/01/15 09:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/13/15 14:22	17060-07-0	
Toluene-d8 (S)	99	%	80-120	1		04/13/15 14:22	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		04/13/15 14:22	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H114 **Lab ID: 60190948012** Collected: 04/01/15 09:50 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:54	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:54	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:54	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:54	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:54	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:54	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:54	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:23	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:40	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:40	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:40	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:40	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:40	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 16:40		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:40	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 16:40	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:40	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 16:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 16:40	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	84	%	60-113	1	04/06/15 00:00	04/08/15 16:40	4165-60-0	
2-Fluorobiphenyl (S)	87	%	64-106	1	04/06/15 00:00	04/08/15 16:40	321-60-8	
Terphenyl-d14 (S)	89	%	71-111	1	04/06/15 00:00	04/08/15 16:40	1718-51-0	
Phenol-d6 (S)	88	%	46-108	1	04/06/15 00:00	04/08/15 16:40	13127-88-3	
2-Fluorophenol (S)	83	%	48-101	1	04/06/15 00:00	04/08/15 16:40	367-12-4	
2,4,6-Tribromophenol (S)	74	%	54-119	1	04/06/15 00:00	04/08/15 16:40	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 14:37	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 14:37	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 14:37	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 14:37	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 14:37	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 14:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 14:37	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 14:37	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 14:37	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 14:37	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H114 **Lab ID: 60190948012** Collected: 04/01/15 09:50 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	82-123	1		04/13/15 14:37	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		04/13/15 14:37	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 14:37	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H115 **Lab ID: 60190948013** Collected: 04/01/15 10:00 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/03/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:58	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 14:58	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 14:58	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:58	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:58	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 14:58	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 14:58	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:25	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/03/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:01	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:01	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:01	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:01	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:01	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 17:01		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:01	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 17:01	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:01	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 17:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:01	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	78	%	60-113	1	04/06/15 00:00	04/08/15 17:01	4165-60-0	
2-Fluorobiphenyl (S)	79	%	64-106	1	04/06/15 00:00	04/08/15 17:01	321-60-8	
Terphenyl-d14 (S)	86	%	71-111	1	04/06/15 00:00	04/08/15 17:01	1718-51-0	
Phenol-d6 (S)	81	%	46-108	1	04/06/15 00:00	04/08/15 17:01	13127-88-3	
2-Fluorophenol (S)	77	%	48-101	1	04/06/15 00:00	04/08/15 17:01	367-12-4	
2,4,6-Tribromophenol (S)	69	%	54-119	1	04/06/15 00:00	04/08/15 17:01	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 14:52	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 14:52	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 14:52	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 14:52	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 14:52	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 14:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 14:52	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 14:52	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 14:52	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 14:52	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H115 **Lab ID: 60190948013** Collected: 04/01/15 10:00 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/13/15 14:52	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/13/15 14:52	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 14:52	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561
Pace Project No.: 60190948

Sample: BFC-TCES-H116 **Lab ID: 60190948014** Collected: 04/01/15 10:05 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6010 MET ICP, TCLP

Analytical Method: EPA 6010 Preparation Method: EPA 3010
Leachate Method/Date: EPA 1311; 04/03/15 00:00

Arsenic	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 15:01	7440-38-2	
Barium	ND	mg/L	2.5	1	04/06/15 09:00	04/08/15 15:01	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/06/15 09:00	04/08/15 15:01	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 15:01	7440-47-3	
Lead	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 15:01	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/06/15 09:00	04/08/15 15:01	7782-49-2	
Silver	ND	mg/L	0.10	1	04/06/15 09:00	04/08/15 15:01	7440-22-4	

7470 Mercury, TCLP

Analytical Method: EPA 7470 Preparation Method: EPA 7470
Leachate Method/Date: EPA 1311; 04/03/15 00:00

Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:27	7439-97-6	
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8270 MSSV TCLP Sep Funnel

Analytical Method: EPA 8270 Preparation Method: EPA 3510
Leachate Method/Date: EPA 1311; 04/03/15 00:00

1,4-Dichlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:21	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:21	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:21	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:21	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:21	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/06/15 00:00	04/08/15 17:21		
Nitrobenzene	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:21	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 17:21	87-86-5	
Pyridine	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:21	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/06/15 00:00	04/08/15 17:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/06/15 00:00	04/08/15 17:21	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	86	%	60-113	1	04/06/15 00:00	04/08/15 17:21	4165-60-0	
2-Fluorobiphenyl (S)	90	%	64-106	1	04/06/15 00:00	04/08/15 17:21	321-60-8	
Terphenyl-d14 (S)	91	%	71-111	1	04/06/15 00:00	04/08/15 17:21	1718-51-0	
Phenol-d6 (S)	88	%	46-108	1	04/06/15 00:00	04/08/15 17:21	13127-88-3	
2-Fluorophenol (S)	89	%	48-101	1	04/06/15 00:00	04/08/15 17:21	367-12-4	
2,4,6-Tribromophenol (S)	72	%	54-119	1	04/06/15 00:00	04/08/15 17:21	118-79-6	

8260 MSV TCLP

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00

Benzene	ND	ug/L	50.0	1		04/13/15 15:07	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 15:07	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 15:07	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 15:07	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 15:07	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 15:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 15:07	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 15:07	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 15:07	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 15:07	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H116 **Lab ID: 60190948014** Collected: 04/01/15 10:05 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	82-123	1		04/13/15 15:07	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/13/15 15:07	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/13/15 15:07	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H117 **Lab ID: 60190948015** Collected: 04/01/15 10:15 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:00	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:00	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:00	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:00	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:00	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:00	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:00	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:29	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 17:42	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 17:42	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 17:42	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 17:42	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 17:42	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 17:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 17:42		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 17:42	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 17:42	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 17:42	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 17:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 17:42	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	95	%	60-113	1	04/07/15 00:00	04/08/15 17:42	4165-60-0	
2-Fluorobiphenyl (S)	95	%	64-106	1	04/07/15 00:00	04/08/15 17:42	321-60-8	
Terphenyl-d14 (S)	97	%	71-111	1	04/07/15 00:00	04/08/15 17:42	1718-51-0	
Phenol-d6 (S)	89	%	46-108	1	04/07/15 00:00	04/08/15 17:42	13127-88-3	
2-Fluorophenol (S)	93	%	48-101	1	04/07/15 00:00	04/08/15 17:42	367-12-4	
2,4,6-Tribromophenol (S)	76	%	54-119	1	04/07/15 00:00	04/08/15 17:42	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 15:22	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 15:22	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 15:22	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 15:22	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 15:22	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 15:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 15:22	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 15:22	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 15:22	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 15:22	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H117 **Lab ID: 60190948015** Collected: 04/01/15 10:15 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	82-123	1		04/13/15 15:22	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		04/13/15 15:22	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 15:22	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H118 **Lab ID: 60190948016** Collected: 04/01/15 10:28 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:06	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:06	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:06	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:06	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:06	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:06	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:06	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:31	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:03	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:03	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:03	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:03	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:03	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 18:03		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:03	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 18:03	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:03	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 18:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:03	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	92	%	60-113	1	04/07/15 00:00	04/08/15 18:03	4165-60-0	
2-Fluorobiphenyl (S)	95	%	64-106	1	04/07/15 00:00	04/08/15 18:03	321-60-8	
Terphenyl-d14 (S)	96	%	71-111	1	04/07/15 00:00	04/08/15 18:03	1718-51-0	
Phenol-d6 (S)	86	%	46-108	1	04/07/15 00:00	04/08/15 18:03	13127-88-3	
2-Fluorophenol (S)	91	%	48-101	1	04/07/15 00:00	04/08/15 18:03	367-12-4	
2,4,6-Tribromophenol (S)	75	%	54-119	1	04/07/15 00:00	04/08/15 18:03	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 15:38	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 15:38	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 15:38	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 15:38	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 15:38	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 15:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 15:38	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 15:38	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 15:38	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 15:38	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H118 **Lab ID: 60190948016** Collected: 04/01/15 10:28 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	82-123	1		04/13/15 15:38	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		04/13/15 15:38	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		04/13/15 15:38	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H119 **Lab ID: 60190948017** Collected: 04/01/15 11:10 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:08	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:08	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:08	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:08	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:08	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:08	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:08	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:34	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:24	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:24	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:24	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:24	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:24	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 18:24		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:24	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 18:24	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:24	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 18:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:24	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	92	%	60-113	1	04/07/15 00:00	04/08/15 18:24	4165-60-0	
2-Fluorobiphenyl (S)	95	%	64-106	1	04/07/15 00:00	04/08/15 18:24	321-60-8	
Terphenyl-d14 (S)	95	%	71-111	1	04/07/15 00:00	04/08/15 18:24	1718-51-0	
Phenol-d6 (S)	87	%	46-108	1	04/07/15 00:00	04/08/15 18:24	13127-88-3	
2-Fluorophenol (S)	89	%	48-101	1	04/07/15 00:00	04/08/15 18:24	367-12-4	
2,4,6-Tribromophenol (S)	79	%	54-119	1	04/07/15 00:00	04/08/15 18:24	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 15:53	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 15:53	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 15:53	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 15:53	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 15:53	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 15:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 15:53	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 15:53	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 15:53	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 15:53	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H119 **Lab ID: 60190948017** Collected: 04/01/15 11:10 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	82-123	1		04/13/15 15:53	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		04/13/15 15:53	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 15:53	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H120A **Lab ID: 60190948018** Collected: 04/01/15 11:20 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:11	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:11	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:11	7440-43-9	
Chromium	0.13	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:11	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:11	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:11	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:11	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/06/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:40	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/06/15 00:00								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:44	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:44	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:44	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:44	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:44	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 18:44		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:44	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 18:44	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:44	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 18:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 18:44	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	94	%	60-113	1	04/07/15 00:00	04/08/15 18:44	4165-60-0	
2-Fluorobiphenyl (S)	97	%	64-106	1	04/07/15 00:00	04/08/15 18:44	321-60-8	
Terphenyl-d14 (S)	98	%	71-111	1	04/07/15 00:00	04/08/15 18:44	1718-51-0	
Phenol-d6 (S)	89	%	46-108	1	04/07/15 00:00	04/08/15 18:44	13127-88-3	
2-Fluorophenol (S)	94	%	48-101	1	04/07/15 00:00	04/08/15 18:44	367-12-4	
2,4,6-Tribromophenol (S)	77	%	54-119	1	04/07/15 00:00	04/08/15 18:44	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00								
Benzene	ND	ug/L	50.0	1		04/13/15 16:08	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 16:08	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 16:08	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 16:08	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 16:08	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 16:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 16:08	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 16:08	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 16:08	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 16:08	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H120A **Lab ID: 60190948018** Collected: 04/01/15 11:20 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/07/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	97	%	82-123	1		04/13/15 16:08	17060-07-0	
Toluene-d8 (S)	99	%	80-120	1		04/13/15 16:08	2037-26-5	
4-Bromofluorobenzene (S)	96	%	80-120	1		04/13/15 16:08	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H120B **Lab ID: 60190948019** Collected: 04/01/15 11:25 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:13	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:13	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:13	7440-43-9	
Chromium	0.15	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:13	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:13	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:13	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:13	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:42	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:05	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:05	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:05	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:05	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:05	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 19:05		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:05	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 19:05	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:05	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 19:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:05	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	91	%	60-113	1	04/07/15 00:00	04/08/15 19:05	4165-60-0	
2-Fluorobiphenyl (S)	93	%	64-106	1	04/07/15 00:00	04/08/15 19:05	321-60-8	
Terphenyl-d14 (S)	95	%	71-111	1	04/07/15 00:00	04/08/15 19:05	1718-51-0	
Phenol-d6 (S)	87	%	46-108	1	04/07/15 00:00	04/08/15 19:05	13127-88-3	
2-Fluorophenol (S)	92	%	48-101	1	04/07/15 00:00	04/08/15 19:05	367-12-4	
2,4,6-Tribromophenol (S)	74	%	54-119	1	04/07/15 00:00	04/08/15 19:05	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 17:25	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 17:25	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 17:25	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 17:25	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 17:25	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 17:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 17:25	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 17:25	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 17:25	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 17:25	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H120B **Lab ID: 60190948019** Collected: 04/01/15 11:25 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/13/15 17:25	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/13/15 17:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		04/13/15 17:25	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H121 **Lab ID: 60190948020** Collected: 04/01/15 11:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6010 MET ICP, TCLP

Analytical Method: EPA 6010 Preparation Method: EPA 3010

Leachate Method/Date: EPA 1311; 04/06/15 00:00

Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:15	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:15	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:15	7440-43-9	
Chromium	0.15	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:15	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:15	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:15	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:15	7440-22-4	

7470 Mercury, TCLP

Analytical Method: EPA 7470 Preparation Method: EPA 7470

Leachate Method/Date: EPA 1311; 04/06/15 00:00

Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 11:45	7439-97-6	
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8270 MSSV TCLP Sep Funnel

Analytical Method: EPA 8270 Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 04/06/15 00:00

1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:26	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:26	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:26	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:26	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:26	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 19:26		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:26	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 19:26	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:26	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 19:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:26	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	92	%	60-113	1	04/07/15 00:00	04/08/15 19:26	4165-60-0	
2-Fluorobiphenyl (S)	95	%	64-106	1	04/07/15 00:00	04/08/15 19:26	321-60-8	
Terphenyl-d14 (S)	97	%	71-111	1	04/07/15 00:00	04/08/15 19:26	1718-51-0	
Phenol-d6 (S)	85	%	46-108	1	04/07/15 00:00	04/08/15 19:26	13127-88-3	
2-Fluorophenol (S)	90	%	48-101	1	04/07/15 00:00	04/08/15 19:26	367-12-4	
2,4,6-Tribromophenol (S)	75	%	54-119	1	04/07/15 00:00	04/08/15 19:26	118-79-6	

8260 MSV TCLP

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00

Benzene	ND	ug/L	50.0	1		04/13/15 17:55	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 17:55	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 17:55	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 17:55	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 17:55	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 17:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 17:55	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 17:55	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 17:55	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 17:55	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H121 **Lab ID: 60190948020** Collected: 04/01/15 11:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	104	%	82-123	1		04/13/15 17:55	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/13/15 17:55	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		04/13/15 17:55	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H122 **Lab ID: 60190948021** Collected: 04/01/15 10:30 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:18	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:18	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:18	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:18	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:18	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:18	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:18	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 10:23	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:47	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:47	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:47	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:47	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:47	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 19:47		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:47	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 19:47	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:47	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 19:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 19:47	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	95	%	60-113	1	04/07/15 00:00	04/08/15 19:47	4165-60-0	
2-Fluorobiphenyl (S)	99	%	64-106	1	04/07/15 00:00	04/08/15 19:47	321-60-8	
Terphenyl-d14 (S)	100	%	71-111	1	04/07/15 00:00	04/08/15 19:47	1718-51-0	
Phenol-d6 (S)	89	%	46-108	1	04/07/15 00:00	04/08/15 19:47	13127-88-3	
2-Fluorophenol (S)	94	%	48-101	1	04/07/15 00:00	04/08/15 19:47	367-12-4	
2,4,6-Tribromophenol (S)	78	%	54-119	1	04/07/15 00:00	04/08/15 19:47	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 18:10	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 18:10	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 18:10	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 18:10	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 18:10	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 18:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 18:10	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 18:10	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 18:10	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 18:10	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H122 **Lab ID: 60190948021** Collected: 04/01/15 10:30 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	102	%	82-123	1		04/13/15 18:10	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		04/13/15 18:10	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 18:10	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H123 **Lab ID: 60190948022** Collected: 04/01/15 10:50 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:24	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:24	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:24	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:24	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:24	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:24	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:24	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/06/15 00:00								
Mercury	0.0031	mg/L	0.0020	1	04/08/15 10:45	04/09/15 10:29	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/06/15 00:00								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:07	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:07	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:07	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:07	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:07	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 20:07		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:07	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 20:07	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:07	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 20:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:07	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	90	%	60-113	1	04/07/15 00:00	04/08/15 20:07	4165-60-0	
2-Fluorobiphenyl (S)	94	%	64-106	1	04/07/15 00:00	04/08/15 20:07	321-60-8	
Terphenyl-d14 (S)	98	%	71-111	1	04/07/15 00:00	04/08/15 20:07	1718-51-0	
Phenol-d6 (S)	86	%	46-108	1	04/07/15 00:00	04/08/15 20:07	13127-88-3	
2-Fluorophenol (S)	90	%	48-101	1	04/07/15 00:00	04/08/15 20:07	367-12-4	
2,4,6-Tribromophenol (S)	74	%	54-119	1	04/07/15 00:00	04/08/15 20:07	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00								
Benzene	ND	ug/L	50.0	1		04/13/15 18:26	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 18:26	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 18:26	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 18:26	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 18:26	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 18:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 18:26	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 18:26	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 18:26	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 18:26	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H123 **Lab ID: 60190948022** Collected: 04/01/15 10:50 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	82-123	1		04/13/15 18:26	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		04/13/15 18:26	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-120	1		04/13/15 18:26	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561
Pace Project No.: 60190948

Sample: BFC-TCES-H124 **Lab ID: 60190948023** Collected: 04/01/15 11:00 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:45	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:45	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:45	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:45	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:45	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:45	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:45	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/06/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 10:31	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/06/15 00:00								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 09:52	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 09:52	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 09:52	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 09:52	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 09:52	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 09:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 09:52		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 09:52	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 09:52	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 09:52	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 09:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 09:52	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	97	%	60-113	1	04/07/15 00:00	04/08/15 09:52	4165-60-0	
2-Fluorobiphenyl (S)	99	%	64-106	1	04/07/15 00:00	04/08/15 09:52	321-60-8	
Terphenyl-d14 (S)	98	%	71-111	1	04/07/15 00:00	04/08/15 09:52	1718-51-0	
Phenol-d6 (S)	98	%	46-108	1	04/07/15 00:00	04/08/15 09:52	13127-88-3	
2-Fluorophenol (S)	96	%	48-101	1	04/07/15 00:00	04/08/15 09:52	367-12-4	
2,4,6-Tribromophenol (S)	82	%	54-119	1	04/07/15 00:00	04/08/15 09:52	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00								
Benzene	ND	ug/L	50.0	1		04/13/15 18:41	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 18:41	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 18:41	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 18:41	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 18:41	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 18:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 18:41	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 18:41	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 18:41	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 18:41	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H124 **Lab ID: 60190948023** Collected: 04/01/15 11:00 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	98	%	82-123	1		04/13/15 18:41	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/13/15 18:41	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 18:41	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H125 **Lab ID: 60190948024** Collected: 04/01/15 11:05 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:27	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:27	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:27	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:27	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:27	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:27	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:27	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 10:34	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:28	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:28	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:28	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:28	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:28	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 20:28		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:28	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 20:28	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:28	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 20:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	91	%	60-113	1	04/07/15 00:00	04/08/15 20:28	4165-60-0	
2-Fluorobiphenyl (S)	91	%	64-106	1	04/07/15 00:00	04/08/15 20:28	321-60-8	
Terphenyl-d14 (S)	95	%	71-111	1	04/07/15 00:00	04/08/15 20:28	1718-51-0	
Phenol-d6 (S)	89	%	46-108	1	04/07/15 00:00	04/08/15 20:28	13127-88-3	
2-Fluorophenol (S)	92	%	48-101	1	04/07/15 00:00	04/08/15 20:28	367-12-4	
2,4,6-Tribromophenol (S)	79	%	54-119	1	04/07/15 00:00	04/08/15 20:28	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 18:56	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 18:56	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 18:56	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 18:56	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 18:56	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 18:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 18:56	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 18:56	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 18:56	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 18:56	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H125 **Lab ID: 60190948024** Collected: 04/01/15 11:05 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	101	%	82-123	1		04/13/15 18:56	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		04/13/15 18:56	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 18:56	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H126 **Lab ID: 60190948025** Collected: 04/01/15 11:10 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:29	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:29	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:29	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:29	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:29	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:29	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:29	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 10:36	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:49	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:49	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:49	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:49	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:49	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 20:49		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:49	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 20:49	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:49	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 20:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 20:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	92	%	60-113	1	04/07/15 00:00	04/08/15 20:49	4165-60-0	
2-Fluorobiphenyl (S)	91	%	64-106	1	04/07/15 00:00	04/08/15 20:49	321-60-8	
Terphenyl-d14 (S)	97	%	71-111	1	04/07/15 00:00	04/08/15 20:49	1718-51-0	
Phenol-d6 (S)	89	%	46-108	1	04/07/15 00:00	04/08/15 20:49	13127-88-3	
2-Fluorophenol (S)	90	%	48-101	1	04/07/15 00:00	04/08/15 20:49	367-12-4	
2,4,6-Tribromophenol (S)	77	%	54-119	1	04/07/15 00:00	04/08/15 20:49	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 19:11	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 19:11	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 19:11	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 19:11	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 19:11	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 19:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 19:11	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 19:11	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 19:11	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 19:11	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H126 **Lab ID: 60190948025** Collected: 04/01/15 11:10 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/13/15 19:11	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/13/15 19:11	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 19:11	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H127 **Lab ID: 60190948026** Collected: 04/01/15 11:30 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/06/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:31	7440-38-2	
Barium	ND	mg/L	2.5	1	04/07/15 13:45	04/08/15 12:31	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/07/15 13:45	04/08/15 12:31	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:31	7440-47-3	
Lead	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:31	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/07/15 13:45	04/08/15 12:31	7782-49-2	
Silver	ND	mg/L	0.10	1	04/07/15 13:45	04/08/15 12:31	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/08/15 10:45	04/09/15 10:38	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/06/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 21:10	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 21:10	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 21:10	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 21:10	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/07/15 00:00	04/08/15 21:10	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/07/15 00:00	04/08/15 21:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/07/15 00:00	04/08/15 21:10		
Nitrobenzene	ND	ug/L	100	1	04/07/15 00:00	04/08/15 21:10	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 21:10	87-86-5	
Pyridine	ND	ug/L	100	1	04/07/15 00:00	04/08/15 21:10	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/07/15 00:00	04/08/15 21:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/07/15 00:00	04/08/15 21:10	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	98	%	60-113	1	04/07/15 00:00	04/08/15 21:10	4165-60-0	
2-Fluorobiphenyl (S)	97	%	64-106	1	04/07/15 00:00	04/08/15 21:10	321-60-8	
Terphenyl-d14 (S)	100	%	71-111	1	04/07/15 00:00	04/08/15 21:10	1718-51-0	
Phenol-d6 (S)	96	%	46-108	1	04/07/15 00:00	04/08/15 21:10	13127-88-3	
2-Fluorophenol (S)	96	%	48-101	1	04/07/15 00:00	04/08/15 21:10	367-12-4	
2,4,6-Tribromophenol (S)	80	%	54-119	1	04/07/15 00:00	04/08/15 21:10	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 19:26	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 19:26	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 19:26	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 19:26	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 19:26	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 19:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 19:26	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 19:26	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 19:26	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 19:26	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H127 **Lab ID: 60190948026** Collected: 04/01/15 11:30 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	101	%	82-123	1		04/13/15 19:26	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/13/15 19:26	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 19:26	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561
Pace Project No.: 60190948

Sample: BFC-TCES-H128 **Lab ID: 60190948027** Collected: 04/01/15 11:25 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/07/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 16:32	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/09/15 16:32	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 16:32	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 16:32	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 16:32	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 16:32	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 16:32	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:29	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 19:52	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 19:52	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 19:52	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 19:52	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/09/15 19:52	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/09/15 19:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/09/15 19:52		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 19:52	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/09/15 19:52	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/09/15 19:52	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/09/15 19:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/09/15 19:52	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	84	%	60-113	1	04/08/15 00:00	04/09/15 19:52	4165-60-0	
2-Fluorobiphenyl (S)	85	%	64-106	1	04/08/15 00:00	04/09/15 19:52	321-60-8	
Terphenyl-d14 (S)	88	%	71-111	1	04/08/15 00:00	04/09/15 19:52	1718-51-0	
Phenol-d6 (S)	85	%	46-108	1	04/08/15 00:00	04/09/15 19:52	13127-88-3	
2-Fluorophenol (S)	86	%	48-101	1	04/08/15 00:00	04/09/15 19:52	367-12-4	
2,4,6-Tribromophenol (S)	66	%	54-119	1	04/08/15 00:00	04/09/15 19:52	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 19:42	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 19:42	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 19:42	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 19:42	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 19:42	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 19:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 19:42	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 19:42	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 19:42	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 19:42	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H128 **Lab ID: 60190948027** Collected: 04/01/15 11:25 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	99	%	82-123	1		04/13/15 19:42	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/13/15 19:42	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		04/13/15 19:42	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H129 **Lab ID: 60190948028** Collected: 04/01/15 11:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/07/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:45	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/09/15 17:45	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 17:45	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/10/15 11:43	7440-47-3	
Lead	19.6	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:45	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:45	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 17:45	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:31	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:08	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:08	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:08	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:08	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:08	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/09/15 23:08		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:08	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/09/15 23:08	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:08	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/09/15 23:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:08	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	81	%	60-113	1	04/08/15 00:00	04/09/15 23:08	4165-60-0	
2-Fluorobiphenyl (S)	81	%	64-106	1	04/08/15 00:00	04/09/15 23:08	321-60-8	
Terphenyl-d14 (S)	80	%	71-111	1	04/08/15 00:00	04/09/15 23:08	1718-51-0	
Phenol-d6 (S)	79	%	46-108	1	04/08/15 00:00	04/09/15 23:08	13127-88-3	
2-Fluorophenol (S)	79	%	48-101	1	04/08/15 00:00	04/09/15 23:08	367-12-4	
2,4,6-Tribromophenol (S)	63	%	54-119	1	04/08/15 00:00	04/09/15 23:08	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 19:57	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 19:57	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 19:57	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 19:57	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 19:57	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 19:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 19:57	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 19:57	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 19:57	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 19:57	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H129 **Lab ID: 60190948028** Collected: 04/01/15 11:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/13/15 19:57	17060-07-0	
Toluene-d8 (S)	101	%	80-120	1		04/13/15 19:57	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		04/13/15 19:57	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H130 **Lab ID: 60190948029** Collected: 04/01/15 11:45 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/07/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:48	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/09/15 17:48	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 17:48	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/10/15 11:47	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:48	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:48	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 17:48	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:33	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:28	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:28	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:28	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:28	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:28	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/09/15 23:28		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:28	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/09/15 23:28	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:28	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/09/15 23:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	82	%	60-113	1	04/08/15 00:00	04/09/15 23:28	4165-60-0	
2-Fluorobiphenyl (S)	83	%	64-106	1	04/08/15 00:00	04/09/15 23:28	321-60-8	
Terphenyl-d14 (S)	85	%	71-111	1	04/08/15 00:00	04/09/15 23:28	1718-51-0	
Phenol-d6 (S)	80	%	46-108	1	04/08/15 00:00	04/09/15 23:28	13127-88-3	
2-Fluorophenol (S)	79	%	48-101	1	04/08/15 00:00	04/09/15 23:28	367-12-4	
2,4,6-Tribromophenol (S)	65	%	54-119	1	04/08/15 00:00	04/09/15 23:28	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Benzene	ND	ug/L	50.0	1		04/13/15 20:12	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 20:12	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 20:12	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 20:12	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 20:12	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 20:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 20:12	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 20:12	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 20:12	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 20:12	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H130 **Lab ID: 60190948029** Collected: 04/01/15 11:45 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/08/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	82-123	1		04/13/15 20:12	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/13/15 20:12	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		04/13/15 20:12	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561
Pace Project No.: 60190948

Sample: BFC-TCES-H131 **Lab ID: 60190948030** Collected: 04/01/15 13:20 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/07/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:52	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/09/15 17:52	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 17:52	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/10/15 11:57	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:52	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:52	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 17:52	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:35	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:49	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:49	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:49	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:49	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:49	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/09/15 23:49		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:49	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/09/15 23:49	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:49	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/09/15 23:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/09/15 23:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	80	%	60-113	1	04/08/15 00:00	04/09/15 23:49	4165-60-0	
2-Fluorobiphenyl (S)	81	%	64-106	1	04/08/15 00:00	04/09/15 23:49	321-60-8	
Terphenyl-d14 (S)	84	%	71-111	1	04/08/15 00:00	04/09/15 23:49	1718-51-0	
Phenol-d6 (S)	81	%	46-108	1	04/08/15 00:00	04/09/15 23:49	13127-88-3	
2-Fluorophenol (S)	79	%	48-101	1	04/08/15 00:00	04/09/15 23:49	367-12-4	
2,4,6-Tribromophenol (S)	69	%	54-119	1	04/08/15 00:00	04/09/15 23:49	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Benzene	ND	ug/L	50.0	1		04/10/15 14:31	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/10/15 14:31	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/10/15 14:31	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/10/15 14:31	108-90-7	
Chloroform	ND	ug/L	200	1		04/10/15 14:31	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/10/15 14:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/10/15 14:31	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/10/15 14:31	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/10/15 14:31	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/10/15 14:31	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H131 **Lab ID: 60190948030** Collected: 04/01/15 13:20 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/10/15 14:31	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/10/15 14:31	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/10/15 14:31	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H132 **Lab ID: 60190948031** Collected: 04/01/15 13:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6010 MET ICP, TCLP

Analytical Method: EPA 6010 Preparation Method: EPA 3010

Leachate Method/Date: EPA 1311; 04/07/15 00:00

Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:55	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/09/15 17:55	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 17:55	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/10/15 12:01	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:55	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 17:55	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 17:55	7440-22-4	

7470 Mercury, TCLP

Analytical Method: EPA 7470 Preparation Method: EPA 7470

Leachate Method/Date: EPA 1311; 04/07/15 00:00

Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:37	7439-97-6	
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8270 MSSV TCLP Sep Funnel

Analytical Method: EPA 8270 Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 04/07/15 00:00

1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:10	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:10	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:10	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:10	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:10	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/10/15 00:10		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:10	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 00:10	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:10	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 00:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:10	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	84	%	60-113	1	04/08/15 00:00	04/10/15 00:10	4165-60-0	
2-Fluorobiphenyl (S)	85	%	64-106	1	04/08/15 00:00	04/10/15 00:10	321-60-8	
Terphenyl-d14 (S)	86	%	71-111	1	04/08/15 00:00	04/10/15 00:10	1718-51-0	
Phenol-d6 (S)	83	%	46-108	1	04/08/15 00:00	04/10/15 00:10	13127-88-3	
2-Fluorophenol (S)	83	%	48-101	1	04/08/15 00:00	04/10/15 00:10	367-12-4	
2,4,6-Tribromophenol (S)	70	%	54-119	1	04/08/15 00:00	04/10/15 00:10	118-79-6	

8260 MSV TCLP

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00

Benzene	ND	ug/L	50.0	1		04/10/15 14:46	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/10/15 14:46	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/10/15 14:46	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/10/15 14:46	108-90-7	
Chloroform	ND	ug/L	200	1		04/10/15 14:46	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/10/15 14:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/10/15 14:46	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/10/15 14:46	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/10/15 14:46	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/10/15 14:46	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H132 **Lab ID: 60190948031** Collected: 04/01/15 13:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	99	%	82-123	1		04/10/15 14:46	17060-07-0	
Toluene-d8 (S)	99	%	80-120	1		04/10/15 14:46	2037-26-5	
4-Bromofluorobenzene (S)	96	%	80-120	1		04/10/15 14:46	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H133 **Lab ID: 60190948032** Collected: 04/01/15 13:40 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/07/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:06	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/10/15 12:05	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 18:06	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/10/15 12:05	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:06	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:06	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 18:06	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:40	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:30	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:30	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:30	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:30	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:30	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/10/15 00:30		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:30	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 00:30	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:30	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 00:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:30	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	85	%	60-113	1	04/08/15 00:00	04/10/15 00:30	4165-60-0	
2-Fluorobiphenyl (S)	82	%	64-106	1	04/08/15 00:00	04/10/15 00:30	321-60-8	
Terphenyl-d14 (S)	83	%	71-111	1	04/08/15 00:00	04/10/15 00:30	1718-51-0	
Phenol-d6 (S)	84	%	46-108	1	04/08/15 00:00	04/10/15 00:30	13127-88-3	
2-Fluorophenol (S)	83	%	48-101	1	04/08/15 00:00	04/10/15 00:30	367-12-4	
2,4,6-Tribromophenol (S)	67	%	54-119	1	04/08/15 00:00	04/10/15 00:30	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Benzene	ND	ug/L	50.0	1		04/10/15 15:01	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/10/15 15:01	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/10/15 15:01	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/10/15 15:01	108-90-7	
Chloroform	ND	ug/L	200	1		04/10/15 15:01	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/10/15 15:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/10/15 15:01	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/10/15 15:01	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/10/15 15:01	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/10/15 15:01	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H133 **Lab ID: 60190948032** Collected: 04/01/15 13:40 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	98	%	82-123	1		04/10/15 15:01	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/10/15 15:01	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/10/15 15:01	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H134 **Lab ID: 60190948033** Collected: 04/01/15 13:50 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/07/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:09	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/10/15 12:08	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 18:09	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/10/15 12:08	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:09	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:09	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 18:09	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:42	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:51	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:51	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:51	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:51	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:51	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/10/15 00:51		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:51	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 00:51	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:51	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 00:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/10/15 00:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	80	%	60-113	1	04/08/15 00:00	04/10/15 00:51	4165-60-0	
2-Fluorobiphenyl (S)	80	%	64-106	1	04/08/15 00:00	04/10/15 00:51	321-60-8	
Terphenyl-d14 (S)	83	%	71-111	1	04/08/15 00:00	04/10/15 00:51	1718-51-0	
Phenol-d6 (S)	81	%	46-108	1	04/08/15 00:00	04/10/15 00:51	13127-88-3	
2-Fluorophenol (S)	78	%	48-101	1	04/08/15 00:00	04/10/15 00:51	367-12-4	
2,4,6-Tribromophenol (S)	69	%	54-119	1	04/08/15 00:00	04/10/15 00:51	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Benzene	ND	ug/L	50.0	1		04/10/15 15:16	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/10/15 15:16	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/10/15 15:16	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/10/15 15:16	108-90-7	
Chloroform	ND	ug/L	200	1		04/10/15 15:16	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/10/15 15:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/10/15 15:16	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/10/15 15:16	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/10/15 15:16	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/10/15 15:16	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H134 **Lab ID: 60190948033** Collected: 04/01/15 13:50 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	97	%	82-123	1		04/10/15 15:16	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/10/15 15:16	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/10/15 15:16	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: **BFC-TCES-H135** Lab ID: **60190948034** Collected: 04/01/15 13:55 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/07/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 16:49	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/09/15 16:49	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 16:49	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 16:49	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 16:49	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 16:49	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 16:49	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:44	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 22:47	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 22:47	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 22:47	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 22:47	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/09/15 22:47	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/09/15 22:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/09/15 22:47		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/09/15 22:47	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/09/15 22:47	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/09/15 22:47	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/09/15 22:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/09/15 22:47	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	81	%	60-113	1	04/08/15 00:00	04/09/15 22:47	4165-60-0	
2-Fluorobiphenyl (S)	80	%	64-106	1	04/08/15 00:00	04/09/15 22:47	321-60-8	
Terphenyl-d14 (S)	80	%	71-111	1	04/08/15 00:00	04/09/15 22:47	1718-51-0	
Phenol-d6 (S)	83	%	46-108	1	04/08/15 00:00	04/09/15 22:47	13127-88-3	
2-Fluorophenol (S)	84	%	48-101	1	04/08/15 00:00	04/09/15 22:47	367-12-4	
2,4,6-Tribromophenol (S)	63	%	54-119	1	04/08/15 00:00	04/09/15 22:47	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Benzene	ND	ug/L	50.0	1		04/10/15 15:32	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/10/15 15:32	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/10/15 15:32	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/10/15 15:32	108-90-7	
Chloroform	ND	ug/L	200	1		04/10/15 15:32	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/10/15 15:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/10/15 15:32	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/10/15 15:32	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/10/15 15:32	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/10/15 15:32	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H135 **Lab ID: 60190948034** Collected: 04/01/15 13:55 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00

Surrogates

1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/10/15 15:32	17060-07-0	
Toluene-d8 (S)	98	%	80-120	1		04/10/15 15:32	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		04/10/15 15:32	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H136 **Lab ID: 60190948035** Collected: 04/01/15 14:25 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/07/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:13	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/10/15 12:12	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 18:13	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/10/15 12:12	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:13	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:13	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 18:13	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:46	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:12	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:12	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:12	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:12	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:12	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/10/15 01:12		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:12	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 01:12	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:12	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 01:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:12	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	87	%	60-113	1	04/08/15 00:00	04/10/15 01:12	4165-60-0	
2-Fluorobiphenyl (S)	87	%	64-106	1	04/08/15 00:00	04/10/15 01:12	321-60-8	
Terphenyl-d14 (S)	90	%	71-111	1	04/08/15 00:00	04/10/15 01:12	1718-51-0	
Phenol-d6 (S)	86	%	46-108	1	04/08/15 00:00	04/10/15 01:12	13127-88-3	
2-Fluorophenol (S)	86	%	48-101	1	04/08/15 00:00	04/10/15 01:12	367-12-4	
2,4,6-Tribromophenol (S)	68	%	54-119	1	04/08/15 00:00	04/10/15 01:12	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Benzene	ND	ug/L	50.0	1		04/10/15 15:47	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/10/15 15:47	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/10/15 15:47	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/10/15 15:47	108-90-7	
Chloroform	ND	ug/L	200	1		04/10/15 15:47	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/10/15 15:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/10/15 15:47	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/10/15 15:47	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/10/15 15:47	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/10/15 15:47	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H136 **Lab ID: 60190948035** Collected: 04/01/15 14:25 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/10/15 15:47	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/10/15 15:47	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/10/15 15:47	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561
Pace Project No.: 60190948

Sample: BFC-TCES-H137 **Lab ID: 60190948036** Collected: 04/01/15 14:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

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; 04/07/15 00:00						
Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:16	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/10/15 12:15	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 18:16	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/10/15 12:15	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:16	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:16	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 18:16	7440-22-4	
7470 Mercury, TCLP		Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:53	7439-97-6	
8270 MSSV TCLP Sep Funnel		Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 04/07/15 00:00						
1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:32	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:32	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:32	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:32	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:32	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/10/15 01:32		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:32	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 01:32	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:32	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 01:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:32	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	83	%	60-113	1	04/08/15 00:00	04/10/15 01:32	4165-60-0	
2-Fluorobiphenyl (S)	82	%	64-106	1	04/08/15 00:00	04/10/15 01:32	321-60-8	
Terphenyl-d14 (S)	85	%	71-111	1	04/08/15 00:00	04/10/15 01:32	1718-51-0	
Phenol-d6 (S)	84	%	46-108	1	04/08/15 00:00	04/10/15 01:32	13127-88-3	
2-Fluorophenol (S)	83	%	48-101	1	04/08/15 00:00	04/10/15 01:32	367-12-4	
2,4,6-Tribromophenol (S)	66	%	54-119	1	04/08/15 00:00	04/10/15 01:32	118-79-6	
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Benzene	ND	ug/L	50.0	1		04/10/15 16:02	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/10/15 16:02	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/10/15 16:02	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/10/15 16:02	108-90-7	
Chloroform	ND	ug/L	200	1		04/10/15 16:02	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/10/15 16:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/10/15 16:02	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/10/15 16:02	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/10/15 16:02	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/10/15 16:02	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H137 **Lab ID: 60190948036** Collected: 04/01/15 14:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	82-123	1		04/10/15 16:02	17060-07-0	
Toluene-d8 (S)	100	%	80-120	1		04/10/15 16:02	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		04/10/15 16:02	460-00-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-B37B-H101 **Lab ID: 60190948037** Collected: 04/01/15 06:00 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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	04/02/15 00:00	04/06/15 12:53	12674-11-2	R1
PCB-1221 (Aroclor 1221)	ND	ug/kg	64.9	1	04/02/15 00:00	04/06/15 12:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.5	1	04/02/15 00:00	04/06/15 12:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.5	1	04/02/15 00:00	04/06/15 12:53	53469-21-9	
PCB-1248 (Aroclor 1248)	37.2	ug/kg	32.5	1	04/02/15 00:00	04/06/15 12:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.5	1	04/02/15 00:00	04/06/15 12:53	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	32.5	1	04/02/15 00:00	04/06/15 12:53	11096-82-5	R1
Surrogates								
Decachlorobiphenyl (S)	60	%	26-127	1	04/02/15 00:00	04/06/15 12:53	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-B37B-H102 **Lab ID: 60190948038** Collected: 04/01/15 06:10 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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	04/02/15 00:00	04/06/15 13:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.6	1	04/02/15 00:00	04/06/15 13:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/02/15 00:00	04/06/15 13:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/02/15 00:00	04/06/15 13:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.3	1	04/02/15 00:00	04/06/15 13:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/02/15 00:00	04/06/15 13:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/02/15 00:00	04/06/15 13:28	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	50	%	26-127	1	04/02/15 00:00	04/06/15 13:28	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-B37B-H103 **Lab ID: 60190948039** Collected: 04/01/15 06:15 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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	04/08/15 00:00	04/09/15 18:04	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.6	1	04/08/15 00:00	04/09/15 18:04	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/08/15 00:00	04/09/15 18:04	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/08/15 00:00	04/09/15 18:04	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.3	1	04/08/15 00:00	04/09/15 18:04	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/08/15 00:00	04/09/15 18:04	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/08/15 00:00	04/09/15 18:04	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	62	%	26-127	1	04/08/15 00:00	04/09/15 18:04	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-B37B-H104 **Lab ID: 60190948040** Collected: 04/01/15 06:15 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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	04/02/15 00:00	04/06/15 15:12	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.2	1	04/02/15 00:00	04/06/15 15:12	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/02/15 00:00	04/06/15 15:12	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/02/15 00:00	04/06/15 15:12	53469-21-9	
PCB-1248 (Aroclor 1248)	33.8	ug/kg	33.1	1	04/02/15 00:00	04/06/15 15:12	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/02/15 00:00	04/06/15 15:12	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.1	1	04/02/15 00:00	04/06/15 15:12	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	53	%	26-127	1	04/02/15 00:00	04/06/15 15:12	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.93	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-B37B-H105 **Lab ID: 60190948041** Collected: 04/01/15 06:30 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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	04/02/15 00:00	04/06/15 15:47	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	64.8	1	04/02/15 00:00	04/06/15 15:47	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.4	1	04/02/15 00:00	04/06/15 15:47	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.4	1	04/02/15 00:00	04/06/15 15:47	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	32.4	1	04/02/15 00:00	04/06/15 15:47	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.4	1	04/02/15 00:00	04/06/15 15:47	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	32.4	1	04/02/15 00:00	04/06/15 15:47	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	53	%	26-127	1	04/02/15 00:00	04/06/15 15:47	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.5	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-B37B-H106 **Lab ID: 60190948042** Collected: 04/01/15 06:35 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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	04/02/15 00:00	04/06/15 16:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.0	1	04/02/15 00:00	04/06/15 16:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.0	1	04/02/15 00:00	04/06/15 16:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.0	1	04/02/15 00:00	04/06/15 16:21	53469-21-9	
PCB-1248 (Aroclor 1248)	37.7	ug/kg	33.0	1	04/02/15 00:00	04/06/15 16:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.0	1	04/02/15 00:00	04/06/15 16:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.0	1	04/02/15 00:00	04/06/15 16:21	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	55	%	26-127	1	04/02/15 00:00	04/06/15 16:21	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	2.5	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-B37B-H107 **Lab ID: 60190948043** Collected: 04/01/15 06:45 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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	04/02/15 00:00	04/06/15 16:56	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.2	1	04/02/15 00:00	04/06/15 16:56	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.1	1	04/02/15 00:00	04/06/15 16:56	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.1	1	04/02/15 00:00	04/06/15 16:56	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.1	1	04/02/15 00:00	04/06/15 16:56	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.1	1	04/02/15 00:00	04/06/15 16:56	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.1	1	04/02/15 00:00	04/06/15 16:56	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	43	%	26-127	1	04/02/15 00:00	04/06/15 16:56	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.1	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-B37B-H108 **Lab ID: 60190948044** Collected: 04/01/15 06:50 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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	04/02/15 00:00	04/06/15 18:23	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.1	1	04/02/15 00:00	04/06/15 18:23	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.0	1	04/02/15 00:00	04/06/15 18:23	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.0	1	04/02/15 00:00	04/06/15 18:23	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.0	1	04/02/15 00:00	04/06/15 18:23	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.0	1	04/02/15 00:00	04/06/15 18:23	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.0	1	04/02/15 00:00	04/06/15 18:23	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	43	%	26-127	1	04/02/15 00:00	04/06/15 18:23	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.84	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-B37B-H109 **Lab ID: 60190948045** Collected: 04/01/15 07:00 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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	32.0	1	04/02/15 00:00	04/06/15 18:40	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	64.0	1	04/02/15 00:00	04/06/15 18:40	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	32.0	1	04/02/15 00:00	04/06/15 18:40	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	32.0	1	04/02/15 00:00	04/06/15 18:40	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	32.0	1	04/02/15 00:00	04/06/15 18:40	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	32.0	1	04/02/15 00:00	04/06/15 18:40	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	32.0	1	04/02/15 00:00	04/06/15 18:40	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	47	%	26-127	1	04/02/15 00:00	04/06/15 18:40	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.2	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-B37B-H110 **Lab ID: 60190948046** Collected: 04/01/15 07:15 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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	04/02/15 00:00	04/06/15 18:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	66.6	1	04/02/15 00:00	04/06/15 18:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.3	1	04/02/15 00:00	04/06/15 18:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.3	1	04/02/15 00:00	04/06/15 18:57	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.3	1	04/02/15 00:00	04/06/15 18:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.3	1	04/02/15 00:00	04/06/15 18:57	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.3	1	04/02/15 00:00	04/06/15 18:57	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	53	%	26-127	1	04/02/15 00:00	04/06/15 18:57	2051-24-3	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	0.97	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H101 **Lab ID: 60190948047** Collected: 04/01/15 08:00 Received: 04/01/15 16:20 Matrix: Solid

Results reported on a "dry 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; 04/07/15 00:00								
Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:20	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/10/15 12:19	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 18:20	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/10/15 12:19	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:20	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:20	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 18:20	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/07/15 00:00								
Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:55	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 04/07/15 00:00								
1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:53	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:53	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:53	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:53	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:53	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/10/15 01:53		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:53	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 01:53	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:53	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 01:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/10/15 01:53	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	78	%	60-113	1	04/08/15 00:00	04/10/15 01:53	4165-60-0	
2-Fluorobiphenyl (S)	80	%	64-106	1	04/08/15 00:00	04/10/15 01:53	321-60-8	
Terphenyl-d14 (S)	85	%	71-111	1	04/08/15 00:00	04/10/15 01:53	1718-51-0	
Phenol-d6 (S)	77	%	46-108	1	04/08/15 00:00	04/10/15 01:53	13127-88-3	
2-Fluorophenol (S)	77	%	48-101	1	04/08/15 00:00	04/10/15 01:53	367-12-4	
2,4,6-Tribromophenol (S)	63	%	54-119	1	04/08/15 00:00	04/10/15 01:53	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00								
Benzene	ND	ug/L	50.0	1		04/10/15 16:18	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/10/15 16:18	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/10/15 16:18	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/10/15 16:18	108-90-7	
Chloroform	ND	ug/L	200	1		04/10/15 16:18	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/10/15 16:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/10/15 16:18	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/10/15 16:18	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/10/15 16:18	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/10/15 16:18	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H101 **Lab ID: 60190948047** Collected: 04/01/15 08:00 Received: 04/01/15 16:20 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	82-123	1		04/10/15 16:18	17060-07-0	
Toluene-d8 (S)	98	%	80-120	1		04/10/15 16:18	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/10/15 16:18	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	1.6	%	0.50	1		04/03/15 00:00		

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H102 **Lab ID: 60190948048** Collected: 04/01/15 08:12 Received: 04/01/15 16:20 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6010 MET ICP, TCLP

Analytical Method: EPA 6010 Preparation Method: EPA 3010

Leachate Method/Date: EPA 1311; 04/07/15 00:00

Arsenic	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:23	7440-38-2	
Barium	ND	mg/L	2.5	1	04/08/15 13:50	04/10/15 12:22	7440-39-3	
Cadmium	ND	mg/L	0.050	1	04/08/15 13:50	04/09/15 18:23	7440-43-9	
Chromium	ND	mg/L	0.10	1	04/08/15 13:50	04/10/15 12:22	7440-47-3	
Lead	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:23	7439-92-1	
Selenium	ND	mg/L	0.50	1	04/08/15 13:50	04/09/15 18:23	7782-49-2	
Silver	ND	mg/L	0.10	1	04/08/15 13:50	04/09/15 18:23	7440-22-4	

7470 Mercury, TCLP

Analytical Method: EPA 7470 Preparation Method: EPA 7470

Leachate Method/Date: EPA 1311; 04/07/15 00:00

Mercury	ND	mg/L	0.0020	1	04/09/15 11:45	04/10/15 17:57	7439-97-6	
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8270 MSSV TCLP Sep Funnel

Analytical Method: EPA 8270 Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 04/07/15 00:00

1,4-Dichlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 02:14	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 02:14	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 02:14	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 02:14	118-74-1	
Hexachloroethane	ND	ug/L	100	1	04/08/15 00:00	04/10/15 02:14	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	04/08/15 00:00	04/10/15 02:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	04/08/15 00:00	04/10/15 02:14		
Nitrobenzene	ND	ug/L	100	1	04/08/15 00:00	04/10/15 02:14	98-95-3	
Pentachlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 02:14	87-86-5	
Pyridine	ND	ug/L	100	1	04/08/15 00:00	04/10/15 02:14	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	500	1	04/08/15 00:00	04/10/15 02:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	04/08/15 00:00	04/10/15 02:14	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	86	%	60-113	1	04/08/15 00:00	04/10/15 02:14	4165-60-0	
2-Fluorobiphenyl (S)	88	%	64-106	1	04/08/15 00:00	04/10/15 02:14	321-60-8	
Terphenyl-d14 (S)	91	%	71-111	1	04/08/15 00:00	04/10/15 02:14	1718-51-0	
Phenol-d6 (S)	86	%	46-108	1	04/08/15 00:00	04/10/15 02:14	13127-88-3	
2-Fluorophenol (S)	85	%	48-101	1	04/08/15 00:00	04/10/15 02:14	367-12-4	
2,4,6-Tribromophenol (S)	67	%	54-119	1	04/08/15 00:00	04/10/15 02:14	118-79-6	

8260 MSV TCLP

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00

Benzene	ND	ug/L	50.0	1		04/13/15 12:35	71-43-2	
2-Butanone (MEK)	ND	ug/L	1000	1		04/13/15 12:35	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	1		04/13/15 12:35	56-23-5	
Chlorobenzene	ND	ug/L	50.0	1		04/13/15 12:35	108-90-7	
Chloroform	ND	ug/L	200	1		04/13/15 12:35	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	1		04/13/15 12:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	1		04/13/15 12:35	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	1		04/13/15 12:35	127-18-4	
Trichloroethene	ND	ug/L	50.0	1		04/13/15 12:35	79-01-6	
Vinyl chloride	ND	ug/L	50.0	1		04/13/15 12:35	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60190948

Sample: BFC-TCES-H102 **Lab ID: 60190948048** Collected: 04/01/15 08:12 Received: 04/01/15 16:20 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/10/15 00:00						
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	82-123	1		04/13/15 12:35	17060-07-0	
Toluene-d8 (S)	102	%	80-120	1		04/13/15 12:35	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		04/13/15 12:35	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974						
Percent Moisture	3.4	%	0.50	1		04/03/15 00:00		

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

QC Batch:	MERP/9467	Analysis Method:	EPA 7470
QC Batch Method:	EPA 7470	Analysis Description:	7470 Mercury TCLP
Associated Lab Samples:	60190948001, 60190948002, 60190948003, 60190948004, 60190948005, 60190948006, 60190948007, 60190948008, 60190948009, 60190948010, 60190948011, 60190948012, 60190948013, 60190948014, 60190948015, 60190948016, 60190948017, 60190948018, 60190948019, 60190948020		

METHOD BLANK:	1546034	Matrix:	Water
Associated Lab Samples:	60190948001, 60190948002, 60190948003, 60190948004, 60190948005, 60190948006, 60190948007, 60190948008, 60190948009, 60190948010, 60190948011, 60190948012, 60190948013, 60190948014, 60190948015, 60190948016, 60190948017, 60190948018, 60190948019, 60190948020		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/09/15 10:40	

LABORATORY CONTROL SAMPLE:	1546036					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0050	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	1546037				1546038							
Parameter	Units	60190948001 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	0.014	0.014	95	97	75-125	2	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

QC Batch: MERP/9468 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
 Associated Lab Samples: 60190948021, 60190948022, 60190948023, 60190948024, 60190948025, 60190948026

METHOD BLANK: 1546043 Matrix: Water
 Associated Lab Samples: 60190948021, 60190948022, 60190948023, 60190948024, 60190948025, 60190948026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/09/15 10:14	

LABORATORY CONTROL SAMPLE: 1546044

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0048	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1546045 1546046

Parameter	Units	60190948021		60190948022		60190948023		60190948024		% Rec Limits	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.			
Mercury	mg/L	ND	.015	ND	.015	ND	.015	ND	.013	103	88	75-125 15 20

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

QC Batch: MERP/9474

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury TCLP

Associated Lab Samples: 60190948027, 60190948028, 60190948029, 60190948030, 60190948031, 60190948032, 60190948033, 60190948034, 60190948035, 60190948036, 60190948047, 60190948048

METHOD BLANK: 1546614

Matrix: Water

Associated Lab Samples: 60190948027, 60190948028, 60190948029, 60190948030, 60190948031, 60190948032, 60190948033, 60190948034, 60190948035, 60190948036, 60190948047, 60190948048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0020	04/10/15 17:00	

LABORATORY CONTROL SAMPLE: 1546615

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.005	0.0050	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1546616 1546617

Parameter	Units	60190790008 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	.015	.015	0.014	97	91	75-125	6	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

QC Batch:	MPRP/31326	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET TCLP
Associated Lab Samples:	60190948001, 60190948002, 60190948003, 60190948004, 60190948005, 60190948006, 60190948007, 60190948008, 60190948009, 60190948010, 60190948011, 60190948012, 60190948013, 60190948014		

METHOD BLANK:	1544969	Matrix:	Water
Associated Lab Samples:	60190948001, 60190948002, 60190948003, 60190948004, 60190948005, 60190948006, 60190948007, 60190948008, 60190948009, 60190948010, 60190948011, 60190948012, 60190948013, 60190948014		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/08/15 13:56	
Barium	mg/L	ND	2.5	04/08/15 13:56	
Cadmium	mg/L	ND	0.050	04/08/15 13:56	
Chromium	mg/L	ND	0.10	04/08/15 13:56	
Lead	mg/L	ND	0.50	04/08/15 13:56	
Selenium	mg/L	ND	0.50	04/08/15 13:56	
Silver	mg/L	ND	0.10	04/08/15 13:56	

LABORATORY CONTROL SAMPLE: 1544970

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	1.0	100	80-120	
Barium	mg/L	1	1.1	105	80-120	
Cadmium	mg/L	1	1.0	104	80-120	
Chromium	mg/L	1	1.0	102	80-120	
Lead	mg/L	1	1.0	104	80-120	
Selenium	mg/L	1	0.98	98	80-120	
Silver	mg/L	.5	0.49	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1544971 1544972

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		60190948011 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/L	ND	10	10	9.6	8.8	96	87	75-125	9	20
Barium	mg/L	ND	10	10	10.6	9.9	99	91	75-125	7	20
Cadmium	mg/L	ND	10	10	9.7	8.9	97	89	75-125	9	20
Chromium	mg/L	0.11	10	10	9.5	8.7	94	86	75-125	9	20
Lead	mg/L	ND	10	10	9.3	8.6	93	85	75-125	9	20
Selenium	mg/L	ND	10	10	9.3	8.5	93	84	75-125	10	20
Silver	mg/L	ND	5	5	4.6	4.2	92	84	75-125	9	20

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

QC Batch: MPRP/31349 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
Associated Lab Samples: 60190948023

METHOD BLANK: 1545612 Matrix: Water
Associated Lab Samples: 60190948023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/08/15 12:35	
Barium	mg/L	ND	2.5	04/08/15 12:35	
Cadmium	mg/L	ND	0.050	04/08/15 12:35	
Chromium	mg/L	ND	0.10	04/08/15 12:35	
Lead	mg/L	ND	0.50	04/08/15 12:35	
Selenium	mg/L	ND	0.50	04/08/15 12:35	
Silver	mg/L	ND	0.10	04/08/15 12:35	

LABORATORY CONTROL SAMPLE: 1545613

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.92	92	80-120	
Barium	mg/L	1	0.95	95	80-120	
Cadmium	mg/L	1	0.93	93	80-120	
Chromium	mg/L	1	0.94	94	80-120	
Lead	mg/L	1	0.98	98	80-120	
Selenium	mg/L	1	0.89	89	80-120	
Silver	mg/L	.5	0.44	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1545614 1545615

Parameter	Units	60190948023		1545615		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	9.5	9.7	95	97	75-125	2	20	
Barium	mg/L	ND	10	9.8	9.8	96	96	75-125	0	20	
Cadmium	mg/L	ND	10	9.5	9.6	95	96	75-125	1	20	
Chromium	mg/L	ND	10	9.2	9.3	91	93	75-125	2	20	
Lead	mg/L	ND	10	9.5	9.6	95	96	75-125	1	20	
Selenium	mg/L	ND	10	9.3	9.5	93	95	75-125	2	20	
Silver	mg/L	ND	5	4.5	4.6	90	92	75-125	2	20	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

QC Batch: MPRP/31350 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
Associated Lab Samples: 60190948015, 60190948016, 60190948017, 60190948018, 60190948019, 60190948020, 60190948021, 60190948022, 60190948024, 60190948025, 60190948026

METHOD BLANK: 1545622 Matrix: Water
Associated Lab Samples: 60190948015, 60190948016, 60190948017, 60190948018, 60190948019, 60190948020, 60190948021, 60190948022, 60190948024, 60190948025, 60190948026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/08/15 11:32	
Barium	mg/L	ND	2.5	04/08/15 11:32	
Cadmium	mg/L	ND	0.050	04/08/15 11:32	
Chromium	mg/L	ND	0.10	04/08/15 11:32	
Lead	mg/L	ND	0.50	04/08/15 11:32	
Selenium	mg/L	ND	0.50	04/08/15 11:32	
Silver	mg/L	ND	0.10	04/08/15 11:32	

LABORATORY CONTROL SAMPLE: 1545623

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.89	89	80-120	
Barium	mg/L	1	0.95	95	80-120	
Cadmium	mg/L	1	0.91	91	80-120	
Chromium	mg/L	1	0.93	93	80-120	
Lead	mg/L	1	0.94	94	80-120	
Selenium	mg/L	1	0.88	88	80-120	
Silver	mg/L	.5	0.44	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1545624 1545625

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		60190948015 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/L	ND	10	10	9.5	9.7	95	97	75-125	2	20
Barium	mg/L	ND	10	10	10.2	10.2	98	98	75-125	0	20
Cadmium	mg/L	ND	10	10	9.6	9.7	96	97	75-125	1	20
Chromium	mg/L	ND	10	10	9.5	9.7	95	96	75-125	1	20
Lead	mg/L	ND	10	10	9.6	9.7	96	97	75-125	1	20
Selenium	mg/L	ND	10	10	9.4	9.5	94	95	75-125	1	20
Silver	mg/L	ND	5	5	4.6	4.7	93	94	75-125	1	20

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

QC Batch: MPRP/31357

Analysis Method: EPA 6010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET TCLP

Associated Lab Samples: 60190948027, 60190948034

METHOD BLANK: 1546276

Matrix: Water

Associated Lab Samples: 60190948027, 60190948034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/09/15 16:15	
Barium	mg/L	ND	2.5	04/09/15 16:15	
Cadmium	mg/L	ND	0.050	04/09/15 16:15	
Chromium	mg/L	ND	0.10	04/09/15 16:15	
Lead	mg/L	ND	0.50	04/09/15 16:15	
Selenium	mg/L	ND	0.50	04/09/15 16:15	
Silver	mg/L	ND	0.10	04/09/15 16:15	

LABORATORY CONTROL SAMPLE: 1546277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.98	98	80-120	
Barium	mg/L	1	1.2	115	80-120	
Cadmium	mg/L	1	1.0	104	80-120	
Chromium	mg/L	1	1.0	103	80-120	
Lead	mg/L	1	1.1	110	80-120	
Selenium	mg/L	1	1.0	102	80-120	
Silver	mg/L	.5	0.52	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1546278 1546279

Parameter	Units	60190948027		60190948027		60190948027		60190948027		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Result	MS Spike Conc.	MSD Spike Conc.	MS % Rec	MSD % Rec						
Arsenic	mg/L	ND	10	10	10.2	10.2	102	102	75-125	0	20		
Barium	mg/L	ND	10	10	11.3	11.4	110	112	75-125	1	20		
Cadmium	mg/L	ND	10	10	10.6	10.6	105	106	75-125	1	20		
Chromium	mg/L	ND	10	10	9.5	9.6	95	96	75-125	1	20		
Lead	mg/L	ND	10	10	10.6	10.7	106	107	75-125	1	20		
Selenium	mg/L	ND	10	10	10.6	10.7	106	107	75-125	1	20		
Silver	mg/L	ND	5	5	4.9	4.9	98	98	75-125	1	20		

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

QC Batch: MPRP/31358 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
 Associated Lab Samples: 60190948028, 60190948029, 60190948030, 60190948031, 60190948032, 60190948033, 60190948035, 60190948036, 60190948047, 60190948048

METHOD BLANK: 1546280 Matrix: Water
 Associated Lab Samples: 60190948028, 60190948029, 60190948030, 60190948031, 60190948032, 60190948033, 60190948035, 60190948036, 60190948047, 60190948048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.50	04/09/15 16:56	
Barium	mg/L	ND	2.5	04/09/15 16:56	
Cadmium	mg/L	ND	0.050	04/09/15 16:56	
Chromium	mg/L	ND	0.10	04/09/15 16:56	
Lead	mg/L	ND	0.50	04/09/15 16:56	
Selenium	mg/L	ND	0.50	04/09/15 16:56	
Silver	mg/L	ND	0.10	04/09/15 16:56	

LABORATORY CONTROL SAMPLE: 1546281

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.98	98	80-120	
Barium	mg/L	1	1.1	113	80-120	
Cadmium	mg/L	1	1.0	105	80-120	
Chromium	mg/L	1	0.95	95	80-120	
Lead	mg/L	1	1.1	112	80-120	
Selenium	mg/L	1	1.0	103	80-120	
Silver	mg/L	.5	0.48	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1546282 1546283

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		60190790011 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/L	ND	10	10	10.1	10.1	101	101	75-125	0	20
Barium	mg/L	ND	10	10	11.9	12.0	113	114	75-125	1	20
Cadmium	mg/L	ND	10	10	10.6	10.6	106	105	75-125	1	20
Chromium	mg/L	ND	10	10	9.5	10.3	94	103	75-125	8	20
Lead	mg/L	ND	10	10	10.8	10.7	108	107	75-125	1	20
Selenium	mg/L	ND	10	10	10.7	10.5	107	105	75-125	2	20
Silver	mg/L	ND	5	5	4.9	4.9	97	98	75-125	1	20

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

QC Batch: MSV/68680 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60190948001, 60190948002, 60190948003, 60190948004, 60190948005, 60190948006, 60190948007

METHOD BLANK: 1545734 Matrix: Water
Associated Lab Samples: 60190948001, 60190948002, 60190948003, 60190948004, 60190948005, 60190948006, 60190948007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	04/07/15 18:43	
1,2-Dichloroethane	ug/L	ND	50.0	04/07/15 18:43	
2-Butanone (MEK)	ug/L	ND	1000	04/07/15 18:43	
Benzene	ug/L	ND	50.0	04/07/15 18:43	
Carbon tetrachloride	ug/L	ND	50.0	04/07/15 18:43	
Chlorobenzene	ug/L	ND	50.0	04/07/15 18:43	
Chloroform	ug/L	ND	200	04/07/15 18:43	
Tetrachloroethene	ug/L	ND	50.0	04/07/15 18:43	
Trichloroethene	ug/L	ND	50.0	04/07/15 18:43	
Vinyl chloride	ug/L	ND	50.0	04/07/15 18:43	
1,2-Dichloroethane-d4 (S)	%	101	82-123	04/07/15 18:43	
4-Bromofluorobenzene (S)	%	101	80-120	04/07/15 18:43	
Toluene-d8 (S)	%	101	80-120	04/07/15 18:43	

LABORATORY CONTROL SAMPLE: 1545735

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	1000	977	98	65-129	
1,2-Dichloroethane	ug/L	1000	1020	102	76-122	
2-Butanone (MEK)	ug/L	5000	4540	91	66-122	
Benzene	ug/L	1000	1000	100	75-119	
Carbon tetrachloride	ug/L	1000	1070	107	68-135	
Chlorobenzene	ug/L	1000	972	97	77-117	
Chloroform	ug/L	1000	1030	103	72-125	
Tetrachloroethene	ug/L	1000	950	95	69-125	
Trichloroethene	ug/L	1000	1000	100	73-124	
Vinyl chloride	ug/L	1000	975	97	53-137	
1,2-Dichloroethane-d4 (S)	%			98	82-123	
4-Bromofluorobenzene (S)	%			101	80-120	
Toluene-d8 (S)	%			102	80-120	

MATRIX SPIKE SAMPLE: 1545736

Parameter	Units	60191179010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	1000	846	85	57-126	
1,2-Dichloroethane	ug/L	ND	1000	916	92	71-122	
2-Butanone (MEK)	ug/L	ND	5000	4090	81	54-129	
Benzene	ug/L	ND	1000	893	89	56-133	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

MATRIX SPIKE SAMPLE:		1545736					
Parameter	Units	60191179010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	ND	1000	964	96	67-126	
Chlorobenzene	ug/L	ND	1000	884	88	74-112	
Chloroform	ug/L	ND	1000	929	93	71-120	
Tetrachloroethene	ug/L	ND	1000	846	85	67-119	
Trichloroethene	ug/L	ND	1000	897	90	71-117	
Vinyl chloride	ug/L	ND	1000	665	66	42-129	
1,2-Dichloroethane-d4 (S)	%				100	82-123	
4-Bromofluorobenzene (S)	%				101	80-120	
Toluene-d8 (S)	%				102	80-120	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

QC Batch: MSV/68765 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60190948030, 60190948031, 60190948032, 60190948033, 60190948034, 60190948035, 60190948036, 60190948047

METHOD BLANK: 1547523 Matrix: Water
Associated Lab Samples: 60190948030, 60190948031, 60190948032, 60190948033, 60190948034, 60190948035, 60190948036, 60190948047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	04/10/15 12:44	
1,2-Dichloroethane	ug/L	ND	50.0	04/10/15 12:44	
2-Butanone (MEK)	ug/L	ND	1000	04/10/15 12:44	
Benzene	ug/L	ND	50.0	04/10/15 12:44	
Carbon tetrachloride	ug/L	ND	50.0	04/10/15 12:44	
Chlorobenzene	ug/L	ND	50.0	04/10/15 12:44	
Chloroform	ug/L	ND	200	04/10/15 12:44	
Tetrachloroethene	ug/L	ND	50.0	04/10/15 12:44	
Trichloroethene	ug/L	ND	50.0	04/10/15 12:44	
Vinyl chloride	ug/L	ND	50.0	04/10/15 12:44	
1,2-Dichloroethane-d4 (S)	%	100	82-123	04/10/15 12:44	
4-Bromofluorobenzene (S)	%	98	80-120	04/10/15 12:44	
Toluene-d8 (S)	%	100	80-120	04/10/15 12:44	

LABORATORY CONTROL SAMPLE: 1547525

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	1000	1060	106	65-129	
1,2-Dichloroethane	ug/L	1000	996	100	76-122	
2-Butanone (MEK)	ug/L	5000	4210	84	66-122	
Benzene	ug/L	1000	1010	101	75-119	
Carbon tetrachloride	ug/L	1000	1230	123	68-135	
Chlorobenzene	ug/L	1000	996	100	77-117	
Chloroform	ug/L	1000	1010	101	72-125	
Tetrachloroethene	ug/L	1000	1090	109	69-125	
Trichloroethene	ug/L	1000	1070	107	73-124	
Vinyl chloride	ug/L	1000	1050	105	53-137	
1,2-Dichloroethane-d4 (S)	%			99	82-123	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1547526

Parameter	Units	60191284001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	5000	5180	104	57-126	
1,2-Dichloroethane	ug/L	ND	5000	5390	108	71-122	
2-Butanone (MEK)	ug/L	ND	25000	22300	88	54-129	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

MATRIX SPIKE SAMPLE:		1547526					
Parameter	Units	60191284001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	3400	5000	8420	101	56-133	
Carbon tetrachloride	ug/L	ND	5000	6320	126	67-126	
Chlorobenzene	ug/L	ND	5000	4990	100	74-112	
Chloroform	ug/L	ND	5000	5170	103	71-120	
Tetrachloroethene	ug/L	ND	5000	5530	111	67-119	
Trichloroethene	ug/L	ND	5000	5330	107	71-117	
Vinyl chloride	ug/L	ND	5000	5190	104	42-129	
1,2-Dichloroethane-d4 (S)	%				101	82-123	
4-Bromofluorobenzene (S)	%				100	80-120	
Toluene-d8 (S)	%				102	80-120	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

QC Batch: MSV/68790 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60190948048

METHOD BLANK: 1548685 Matrix: Water
Associated Lab Samples: 60190948048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	04/13/15 11:49	
1,2-Dichloroethane	ug/L	ND	50.0	04/13/15 11:49	
2-Butanone (MEK)	ug/L	ND	1000	04/13/15 11:49	
Benzene	ug/L	ND	50.0	04/13/15 11:49	
Carbon tetrachloride	ug/L	ND	50.0	04/13/15 11:49	
Chlorobenzene	ug/L	ND	50.0	04/13/15 11:49	
Chloroform	ug/L	ND	200	04/13/15 11:49	
Tetrachloroethene	ug/L	ND	50.0	04/13/15 11:49	
Trichloroethene	ug/L	ND	50.0	04/13/15 11:49	
Vinyl chloride	ug/L	ND	50.0	04/13/15 11:49	
1,2-Dichloroethane-d4 (S)	%	100	82-123	04/13/15 11:49	
4-Bromofluorobenzene (S)	%	98	80-120	04/13/15 11:49	
Toluene-d8 (S)	%	100	80-120	04/13/15 11:49	

LABORATORY CONTROL SAMPLE: 1548686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	1000	1120	112	65-129	
1,2-Dichloroethane	ug/L	1000	1080	108	76-122	
2-Butanone (MEK)	ug/L	5000	4740	95	66-122	
Benzene	ug/L	1000	1080	108	75-119	
Carbon tetrachloride	ug/L	1000	1310	131	68-135	
Chlorobenzene	ug/L	1000	1060	106	77-117	
Chloroform	ug/L	1000	1090	109	72-125	
Tetrachloroethene	ug/L	1000	1150	115	69-125	
Trichloroethene	ug/L	1000	1130	113	73-124	
Vinyl chloride	ug/L	1000	1130	113	53-137	
1,2-Dichloroethane-d4 (S)	%			99	82-123	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1548687

Parameter	Units	60191557001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	1000	1010	101	57-126	
1,2-Dichloroethane	ug/L	ND	1000	1090	109	71-122	
2-Butanone (MEK)	ug/L	ND	5000	4630	93	54-129	
Benzene	ug/L	ND	1000	1050	105	56-133	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

MATRIX SPIKE SAMPLE:		1548687					
Parameter	Units	60191557001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	ND	1000	1270	127	67-126	M1
Chlorobenzene	ug/L	ND	1000	1000	100	74-112	
Chloroform	ug/L	ND	1000	1050	105	71-120	
Tetrachloroethene	ug/L	ND	1000	1060	106	67-119	
Trichloroethene	ug/L	ND	1000	1050	105	71-117	
Vinyl chloride	ug/L	ND	1000	1030	103	42-129	
1,2-Dichloroethane-d4 (S)	%				101	82-123	
4-Bromofluorobenzene (S)	%				101	80-120	
Toluene-d8 (S)	%				101	80-120	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

QC Batch: MSV/68791 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 60190948008, 60190948009, 60190948010, 60190948011, 60190948012, 60190948013, 60190948014, 60190948015, 60190948016, 60190948017, 60190948018

METHOD BLANK: 1548690 Matrix: Water
Associated Lab Samples: 60190948008, 60190948009, 60190948010, 60190948011, 60190948012, 60190948013, 60190948014, 60190948015, 60190948016, 60190948017, 60190948018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	04/13/15 13:05	
1,2-Dichloroethane	ug/L	ND	50.0	04/13/15 13:05	
2-Butanone (MEK)	ug/L	ND	1000	04/13/15 13:05	
Benzene	ug/L	ND	50.0	04/13/15 13:05	
Carbon tetrachloride	ug/L	ND	50.0	04/13/15 13:05	
Chlorobenzene	ug/L	ND	50.0	04/13/15 13:05	
Chloroform	ug/L	ND	200	04/13/15 13:05	
Tetrachloroethene	ug/L	ND	50.0	04/13/15 13:05	
Trichloroethene	ug/L	ND	50.0	04/13/15 13:05	
Vinyl chloride	ug/L	ND	50.0	04/13/15 13:05	
1,2-Dichloroethane-d4 (S)	%	101	82-123	04/13/15 13:05	
4-Bromofluorobenzene (S)	%	99	80-120	04/13/15 13:05	
Toluene-d8 (S)	%	100	80-120	04/13/15 13:05	

LABORATORY CONTROL SAMPLE: 1548691

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	1000	1120	112	65-129	
1,2-Dichloroethane	ug/L	1000	1080	108	76-122	
2-Butanone (MEK)	ug/L	5000	4740	95	66-122	
Benzene	ug/L	1000	1080	108	75-119	
Carbon tetrachloride	ug/L	1000	1310	131	68-135	
Chlorobenzene	ug/L	1000	1060	106	77-117	
Chloroform	ug/L	1000	1090	109	72-125	
Tetrachloroethene	ug/L	1000	1150	115	69-125	
Trichloroethene	ug/L	1000	1130	113	73-124	
Vinyl chloride	ug/L	1000	1130	113	53-137	
1,2-Dichloroethane-d4 (S)	%			99	82-123	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE SAMPLE: 1548692

Parameter	Units	60190948008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	1000	1040	104	57-126	
1,2-Dichloroethane	ug/L	ND	1000	1060	106	71-122	
2-Butanone (MEK)	ug/L	ND	5000	4540	90	54-129	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

MATRIX SPIKE SAMPLE:		1548692					
Parameter	Units	60190948008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	ND	1000	1050	105	56-133	
Carbon tetrachloride	ug/L	ND	1000	1340	134	67-126	M1
Chlorobenzene	ug/L	ND	1000	1010	101	74-112	
Chloroform	ug/L	ND	1000	1050	105	71-120	
Tetrachloroethene	ug/L	ND	1000	1080	108	67-119	
Trichloroethene	ug/L	ND	1000	1090	109	71-117	
Vinyl chloride	ug/L	ND	1000	1030	103	42-129	
1,2-Dichloroethane-d4 (S)	%				97	82-123	
4-Bromofluorobenzene (S)	%				99	80-120	
Toluene-d8 (S)	%				102	80-120	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

QC Batch: MSV/68792 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
 Associated Lab Samples: 60190948019, 60190948020, 60190948021, 60190948022, 60190948023, 60190948024, 60190948025, 60190948026, 60190948027, 60190948028, 60190948029

METHOD BLANK: 1548693 Matrix: Water
 Associated Lab Samples: 60190948019, 60190948020, 60190948021, 60190948022, 60190948023, 60190948024, 60190948025, 60190948026, 60190948027, 60190948028, 60190948029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	04/13/15 17:09	
1,2-Dichloroethane	ug/L	ND	50.0	04/13/15 17:09	
2-Butanone (MEK)	ug/L	ND	1000	04/13/15 17:09	
Benzene	ug/L	ND	50.0	04/13/15 17:09	
Carbon tetrachloride	ug/L	ND	50.0	04/13/15 17:09	
Chlorobenzene	ug/L	ND	50.0	04/13/15 17:09	
Chloroform	ug/L	ND	200	04/13/15 17:09	
Tetrachloroethene	ug/L	ND	50.0	04/13/15 17:09	
Trichloroethene	ug/L	ND	50.0	04/13/15 17:09	
Vinyl chloride	ug/L	ND	50.0	04/13/15 17:09	
1,2-Dichloroethane-d4 (S)	%	102	82-123	04/13/15 17:09	
4-Bromofluorobenzene (S)	%	99	80-120	04/13/15 17:09	
Toluene-d8 (S)	%	100	80-120	04/13/15 17:09	

LABORATORY CONTROL SAMPLE: 1548694

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	1000	938	94	65-129	
1,2-Dichloroethane	ug/L	1000	1060	106	76-122	
2-Butanone (MEK)	ug/L	5000	4220	84	66-122	
Benzene	ug/L	1000	1030	103	75-119	
Carbon tetrachloride	ug/L	1000	1110	111	68-135	
Chlorobenzene	ug/L	1000	971	97	77-117	
Chloroform	ug/L	1000	989	99	72-125	
Tetrachloroethene	ug/L	1000	980	98	69-125	
Trichloroethene	ug/L	1000	991	99	73-124	
Vinyl chloride	ug/L	1000	960	96	53-137	
1,2-Dichloroethane-d4 (S)	%			102	82-123	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE SAMPLE: 1548695

Parameter	Units	60190948019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	1000	954	95	57-126	
1,2-Dichloroethane	ug/L	ND	1000	1040	104	71-122	
2-Butanone (MEK)	ug/L	ND	5000	4330	86	54-129	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

MATRIX SPIKE SAMPLE:		1548695					
Parameter	Units	60190948019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	ND	1000	996	100	56-133	
Carbon tetrachloride	ug/L	ND	1000	1110	111	67-126	
Chlorobenzene	ug/L	ND	1000	983	98	74-112	
Chloroform	ug/L	ND	1000	998	100	71-120	
Tetrachloroethene	ug/L	ND	1000	987	99	67-119	
Trichloroethene	ug/L	ND	1000	980	98	71-117	
Vinyl chloride	ug/L	ND	1000	959	96	42-129	
1,2-Dichloroethane-d4 (S)	%				99	82-123	
4-Bromofluorobenzene (S)	%				102	80-120	
Toluene-d8 (S)	%				103	80-120	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

QC Batch: OEXT/48789 Analysis Method: EPA 8082
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 60190948037, 60190948038, 60190948040, 60190948041, 60190948042, 60190948043, 60190948044, 60190948045, 60190948046

METHOD BLANK: 1543201 Matrix: Solid
Associated Lab Samples: 60190948037, 60190948038, 60190948040, 60190948041, 60190948042, 60190948043, 60190948044, 60190948045, 60190948046

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.7	04/06/15 10:35	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.5	04/06/15 10:35	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.7	04/06/15 10:35	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.7	04/06/15 10:35	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.7	04/06/15 10:35	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.7	04/06/15 10:35	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.7	04/06/15 10:35	
Decachlorobiphenyl (S)	%	78	26-127	04/06/15 10:35	

LABORATORY CONTROL SAMPLE: 1543202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	150	90	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	166	143	86	69-126	
Decachlorobiphenyl (S)	%			79	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1543203 1543204

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		60190948037 Result	Spike Conc.	Spike Conc.	MS Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	165	165	93.2	135	56	82	12-190	37	31 R1
PCB-1260 (Aroclor 1260)	ug/kg	ND	165	165	80.6	120	49	73	23-145	40	28 R1
Decachlorobiphenyl (S)	%						30	43	26-127		

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

QC Batch: OEXT/48863 Analysis Method: EPA 8082
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 60190948039

METHOD BLANK: 1545873 Matrix: Solid
Associated Lab Samples: 60190948039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.5	04/09/15 16:20	
PCB-1221 (Aroclor 1221)	ug/kg	ND	65.0	04/09/15 16:20	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.5	04/09/15 16:20	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.5	04/09/15 16:20	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.5	04/09/15 16:20	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.5	04/09/15 16:20	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.5	04/09/15 16:20	
Decachlorobiphenyl (S)	%	82	26-127	04/09/15 16:20	

LABORATORY CONTROL SAMPLE: 1545874

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	165	159	96	69-125	
PCB-1260 (Aroclor 1260)	ug/kg	165	155	94	69-126	
Decachlorobiphenyl (S)	%			85	26-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1545875 1545876

Parameter	Units	60191195016		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
PCB-1016 (Aroclor 1016)	ug/kg	ND	170	170	166	249	98	147	12-190	40	31	R1
PCB-1260 (Aroclor 1260)	ug/kg	ND	170	170	143	150	84	88	23-145	5	28	
Decachlorobiphenyl (S)	%						66	68	26-127			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

QC Batch: OEXT/48820 Analysis Method: EPA 8270
 QC Batch Method: EPA 3510 Analysis Description: 8270 TCLP MSSV
 Associated Lab Samples: 60190948001, 60190948002, 60190948003, 60190948004, 60190948005, 60190948006, 60190948007, 60190948008, 60190948009, 60190948010, 60190948011, 60190948012, 60190948013, 60190948014

METHOD BLANK: 1544938 Matrix: Water
 Associated Lab Samples: 60190948001, 60190948002, 60190948003, 60190948004, 60190948005, 60190948006, 60190948007, 60190948008, 60190948009, 60190948010, 60190948011, 60190948012, 60190948013, 60190948014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	04/07/15 19:23	
2,4,5-Trichlorophenol	ug/L	ND	500	04/07/15 19:23	
2,4,6-Trichlorophenol	ug/L	ND	100	04/07/15 19:23	
2,4-Dinitrotoluene	ug/L	ND	100	04/07/15 19:23	
2-Methylphenol(o-Cresol)	ug/L	ND	100	04/07/15 19:23	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	04/07/15 19:23	
Hexachloro-1,3-butadiene	ug/L	ND	100	04/07/15 19:23	
Hexachlorobenzene	ug/L	ND	100	04/07/15 19:23	
Hexachloroethane	ug/L	ND	100	04/07/15 19:23	
Nitrobenzene	ug/L	ND	100	04/07/15 19:23	
Pentachlorophenol	ug/L	ND	500	04/07/15 19:23	
Pyridine	ug/L	ND	100	04/07/15 19:23	
2,4,6-Tribromophenol (S)	%	69	54-119	04/07/15 19:23	
2-Fluorobiphenyl (S)	%	85	64-106	04/07/15 19:23	
2-Fluorophenol (S)	%	83	48-101	04/07/15 19:23	
Nitrobenzene-d5 (S)	%	83	60-113	04/07/15 19:23	
Phenol-d6 (S)	%	82	46-108	04/07/15 19:23	
Terphenyl-d14 (S)	%	79	71-111	04/07/15 19:23	

LABORATORY CONTROL SAMPLE: 1544939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	395	79	53-102	
2,4,5-Trichlorophenol	ug/L	500	502	100	57-124	
2,4,6-Trichlorophenol	ug/L	500	472	94	54-120	
2,4-Dinitrotoluene	ug/L	500	427	85	44-105	
2-Methylphenol(o-Cresol)	ug/L	500	423	85	50-107	
3&4-Methylphenol(m&p Cresol)	ug/L	1000	832	83	47-112	
Hexachloro-1,3-butadiene	ug/L	500	407	81	46-107	
Hexachlorobenzene	ug/L	500	371	74	57-107	
Hexachloroethane	ug/L	500	414	83	41-104	
Nitrobenzene	ug/L	500	448	90	53-111	
Pentachlorophenol	ug/L	500	438J	88	34-144	
Pyridine	ug/L	500	309	62	10-116	
2,4,6-Tribromophenol (S)	%			74	54-119	
2-Fluorobiphenyl (S)	%			94	64-106	
2-Fluorophenol (S)	%			91	48-101	
Nitrobenzene-d5 (S)	%			90	60-113	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

LABORATORY CONTROL SAMPLE: 1544939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol-d6 (S)	%			88	46-108	
Terphenyl-d14 (S)	%			89	71-111	

MATRIX SPIKE SAMPLE: 1544940

Parameter	Units	60190948001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	500	373	75	51-101	
2,4,5-Trichlorophenol	ug/L	ND	500	486J	97	44-133	
2,4,6-Trichlorophenol	ug/L	ND	500	459	92	40-131	
2,4-Dinitrotoluene	ug/L	ND	500	418	84	42-107	
2-Methylphenol(o-Cresol)	ug/L	ND	500	406	81	41-114	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	1000	806	81	39-117	
Hexachloro-1,3-butadiene	ug/L	ND	500	391	78	46-104	
Hexachlorobenzene	ug/L	ND	500	362	72	53-109	
Hexachloroethane	ug/L	ND	500	401	80	38-107	
Nitrobenzene	ug/L	ND	500	434	87	49-115	
Pentachlorophenol	ug/L	ND	500	436J	87	30-146	
Pyridine	ug/L	ND	500	425	85	10-116	
2,4,6-Tribromophenol (S)	%				73	54-119	
2-Fluorobiphenyl (S)	%				88	64-106	
2-Fluorophenol (S)	%				85	48-101	
Nitrobenzene-d5 (S)	%				85	60-113	
Phenol-d6 (S)	%				83	46-108	
Terphenyl-d14 (S)	%				86	71-111	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

QC Batch: OEXT/48853 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 60190948015, 60190948016, 60190948017, 60190948018, 60190948019, 60190948020, 60190948021, 60190948022, 60190948023, 60190948024, 60190948025, 60190948026

METHOD BLANK: 1545590 Matrix: Water
Associated Lab Samples: 60190948015, 60190948016, 60190948017, 60190948018, 60190948019, 60190948020, 60190948021, 60190948022, 60190948023, 60190948024, 60190948025, 60190948026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	04/08/15 07:47	
2,4,5-Trichlorophenol	ug/L	ND	500	04/08/15 07:47	
2,4,6-Trichlorophenol	ug/L	ND	100	04/08/15 07:47	
2,4-Dinitrotoluene	ug/L	ND	100	04/08/15 07:47	
2-Methylphenol(o-Cresol)	ug/L	ND	100	04/08/15 07:47	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	04/08/15 07:47	
Hexachloro-1,3-butadiene	ug/L	ND	100	04/08/15 07:47	
Hexachlorobenzene	ug/L	ND	100	04/08/15 07:47	
Hexachloroethane	ug/L	ND	100	04/08/15 07:47	
Nitrobenzene	ug/L	ND	100	04/08/15 07:47	
Pentachlorophenol	ug/L	ND	500	04/08/15 07:47	
Pyridine	ug/L	ND	100	04/08/15 07:47	
2,4,6-Tribromophenol (S)	%	90	54-119	04/08/15 07:47	
2-Fluorobiphenyl (S)	%	116	64-106	04/08/15 07:47	S3
2-Fluorophenol (S)	%	109	48-101	04/08/15 07:47	S3
Nitrobenzene-d5 (S)	%	113	60-113	04/08/15 07:47	
Phenol-d6 (S)	%	104	46-108	04/08/15 07:47	
Terphenyl-d14 (S)	%	115	71-111	04/08/15 07:47	S3

METHOD BLANK: 1545593 Matrix: Water
Associated Lab Samples: 60190948015, 60190948016, 60190948017, 60190948018, 60190948019, 60190948020, 60190948021, 60190948022, 60190948023, 60190948024, 60190948025, 60190948026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	04/08/15 08:08	
2,4,5-Trichlorophenol	ug/L	ND	500	04/08/15 08:08	
2,4,6-Trichlorophenol	ug/L	ND	100	04/08/15 08:08	
2,4-Dinitrotoluene	ug/L	ND	100	04/08/15 08:08	
2-Methylphenol(o-Cresol)	ug/L	ND	100	04/08/15 08:08	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	04/08/15 08:08	
Hexachloro-1,3-butadiene	ug/L	ND	100	04/08/15 08:08	
Hexachlorobenzene	ug/L	ND	100	04/08/15 08:08	
Hexachloroethane	ug/L	ND	100	04/08/15 08:08	
Nitrobenzene	ug/L	ND	100	04/08/15 08:08	
Pentachlorophenol	ug/L	ND	500	04/08/15 08:08	
Pyridine	ug/L	ND	100	04/08/15 08:08	
2,4,6-Tribromophenol (S)	%	72	54-119	04/08/15 08:08	
2-Fluorobiphenyl (S)	%	94	64-106	04/08/15 08:08	

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

METHOD BLANK: 1545593

Matrix: Water

Associated Lab Samples: 60190948015, 60190948016, 60190948017, 60190948018, 60190948019, 60190948020, 60190948021, 60190948022, 60190948023, 60190948024, 60190948025, 60190948026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2-Fluorophenol (S)	%	89	48-101	04/08/15 08:08	
Nitrobenzene-d5 (S)	%	92	60-113	04/08/15 08:08	
Phenol-d6 (S)	%	85	46-108	04/08/15 08:08	
Terphenyl-d14 (S)	%	92	71-111	04/08/15 08:08	

LABORATORY CONTROL SAMPLE: 1545591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	398	80	53-102	
2,4,5-Trichlorophenol	ug/L	500	528	106	57-124	
2,4,6-Trichlorophenol	ug/L	500	494	99	54-120	
2,4-Dinitrotoluene	ug/L	500	433	87	44-105	
2-Methylphenol(o-Cresol)	ug/L	500	439	88	50-107	
3&4-Methylphenol(m&p Cresol)	ug/L	1000	880	88	47-112	
Hexachloro-1,3-butadiene	ug/L	500	386	77	46-107	
Hexachlorobenzene	ug/L	500	393	79	57-107	
Hexachloroethane	ug/L	500	412	82	41-104	
Nitrobenzene	ug/L	500	473	95	53-111	
Pentachlorophenol	ug/L	500	446J	89	34-144	
Pyridine	ug/L	500	431	86	10-116	
2,4,6-Tribromophenol (S)	%			75	54-119	
2-Fluorobiphenyl (S)	%			98	64-106	
2-Fluorophenol (S)	%			91	48-101	
Nitrobenzene-d5 (S)	%			93	60-113	
Phenol-d6 (S)	%			87	46-108	
Terphenyl-d14 (S)	%			96	71-111	

MATRIX SPIKE SAMPLE: 1545592

Parameter	Units	60190913001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	500	413	83	51-101	
2,4,5-Trichlorophenol	ug/L	ND	500	540	108	44-133	
2,4,6-Trichlorophenol	ug/L	ND	500	518	104	40-131	
2,4-Dinitrotoluene	ug/L	ND	500	481	96	42-107	
2-Methylphenol(o-Cresol)	ug/L	ND	500	457	91	41-114	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	1000	910	91	39-117	
Hexachloro-1,3-butadiene	ug/L	ND	500	417	83	46-104	
Hexachlorobenzene	ug/L	ND	500	406	81	53-109	
Hexachloroethane	ug/L	ND	500	440	88	38-107	
Nitrobenzene	ug/L	ND	500	492	98	49-115	
Pentachlorophenol	ug/L	ND	500	527	105	30-146	
Pyridine	ug/L	ND	500	435	87	10-116	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

MATRIX SPIKE SAMPLE:		1545592					
Parameter	Units	60190913001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
2,4,6-Tribromophenol (S)	%					81	54-119
2-Fluorobiphenyl (S)	%					98	64-106
2-Fluorophenol (S)	%					94	48-101
Nitrobenzene-d5 (S)	%					96	60-113
Phenol-d6 (S)	%					89	46-108
Terphenyl-d14 (S)	%					95	71-111

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QUALITY CONTROL DATA

Project: Bannister IL1561
Pace Project No.: 60190948

QC Batch: OEXT/48872 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 60190948027, 60190948028, 60190948029, 60190948030, 60190948031, 60190948032, 60190948033, 60190948034, 60190948035, 60190948036, 60190948047, 60190948048

METHOD BLANK: 1546233 Matrix: Water
Associated Lab Samples: 60190948027, 60190948028, 60190948029, 60190948030, 60190948031, 60190948032, 60190948033, 60190948034, 60190948035, 60190948036, 60190948047, 60190948048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	04/09/15 18:50	
2,4,5-Trichlorophenol	ug/L	ND	500	04/09/15 18:50	
2,4,6-Trichlorophenol	ug/L	ND	100	04/09/15 18:50	
2,4-Dinitrotoluene	ug/L	ND	100	04/09/15 18:50	
2-Methylphenol(o-Cresol)	ug/L	ND	100	04/09/15 18:50	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	04/09/15 18:50	
Hexachloro-1,3-butadiene	ug/L	ND	100	04/09/15 18:50	
Hexachlorobenzene	ug/L	ND	100	04/09/15 18:50	
Hexachloroethane	ug/L	ND	100	04/09/15 18:50	
Nitrobenzene	ug/L	ND	100	04/09/15 18:50	
Pentachlorophenol	ug/L	ND	500	04/09/15 18:50	
Pyridine	ug/L	ND	100	04/09/15 18:50	
2,4,6-Tribromophenol (S)	%	63	54-119	04/09/15 18:50	
2-Fluorobiphenyl (S)	%	77	64-106	04/09/15 18:50	
2-Fluorophenol (S)	%	76	48-101	04/09/15 18:50	
Nitrobenzene-d5 (S)	%	75	60-113	04/09/15 18:50	
Phenol-d6 (S)	%	77	46-108	04/09/15 18:50	
Terphenyl-d14 (S)	%	78	71-111	04/09/15 18:50	

METHOD BLANK: 1546236 Matrix: Water
Associated Lab Samples: 60190948027, 60190948028, 60190948029, 60190948030, 60190948031, 60190948032, 60190948033, 60190948034, 60190948035, 60190948036, 60190948047, 60190948048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	04/09/15 22:26	
2,4,5-Trichlorophenol	ug/L	ND	500	04/09/15 22:26	
2,4,6-Trichlorophenol	ug/L	ND	100	04/09/15 22:26	
2,4-Dinitrotoluene	ug/L	ND	100	04/09/15 22:26	
2-Methylphenol(o-Cresol)	ug/L	ND	100	04/09/15 22:26	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	04/09/15 22:26	
Hexachloro-1,3-butadiene	ug/L	ND	100	04/09/15 22:26	
Hexachlorobenzene	ug/L	ND	100	04/09/15 22:26	
Hexachloroethane	ug/L	ND	100	04/09/15 22:26	
Nitrobenzene	ug/L	ND	100	04/09/15 22:26	
Pentachlorophenol	ug/L	ND	500	04/09/15 22:26	
Pyridine	ug/L	ND	100	04/09/15 22:26	
2,4,6-Tribromophenol (S)	%	62	54-119	04/09/15 22:26	
2-Fluorobiphenyl (S)	%	83	64-106	04/09/15 22:26	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

METHOD BLANK: 1546236

Matrix: Water

Associated Lab Samples: 60190948027, 60190948028, 60190948029, 60190948030, 60190948031, 60190948032, 60190948033, 60190948034, 60190948035, 60190948036, 60190948047, 60190948048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2-Fluorophenol (S)	%	81	48-101	04/09/15 22:26	
Nitrobenzene-d5 (S)	%	82	60-113	04/09/15 22:26	
Phenol-d6 (S)	%	79	46-108	04/09/15 22:26	
Terphenyl-d14 (S)	%	85	71-111	04/09/15 22:26	

LABORATORY CONTROL SAMPLE: 1546234

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	378	76	53-102	
2,4,5-Trichlorophenol	ug/L	500	462J	92	57-124	
2,4,6-Trichlorophenol	ug/L	500	442	88	54-120	
2,4-Dinitrotoluene	ug/L	500	399	80	44-105	
2-Methylphenol(o-Cresol)	ug/L	500	416	83	50-107	
3&4-Methylphenol(m&p Cresol)	ug/L	1000	822	82	47-112	
Hexachloro-1,3-butadiene	ug/L	500	365	73	46-107	
Hexachlorobenzene	ug/L	500	337	67	57-107	
Hexachloroethane	ug/L	500	325	65	41-104	
Nitrobenzene	ug/L	500	426	85	53-111	
Pentachlorophenol	ug/L	500	416J	83	34-144	
Pyridine	ug/L	500	408	82	10-116	
2,4,6-Tribromophenol (S)	%			67	54-119	
2-Fluorobiphenyl (S)	%			86	64-106	
2-Fluorophenol (S)	%			86	48-101	
Nitrobenzene-d5 (S)	%			85	60-113	
Phenol-d6 (S)	%			85	46-108	
Terphenyl-d14 (S)	%			86	71-111	

MATRIX SPIKE SAMPLE: 1546235

Parameter	Units	60190948027 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	500	376	75	51-101	
2,4,5-Trichlorophenol	ug/L	ND	500	473J	95	44-133	
2,4,6-Trichlorophenol	ug/L	ND	500	451	90	40-131	
2,4-Dinitrotoluene	ug/L	ND	500	406	81	42-107	
2-Methylphenol(o-Cresol)	ug/L	ND	500	417	83	41-114	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	1000	831	83	39-117	
Hexachloro-1,3-butadiene	ug/L	ND	500	367	73	46-104	
Hexachlorobenzene	ug/L	ND	500	339	68	53-109	
Hexachloroethane	ug/L	ND	500	336	67	38-107	
Nitrobenzene	ug/L	ND	500	434	87	49-115	
Pentachlorophenol	ug/L	ND	500	437J	87	30-146	
Pyridine	ug/L	ND	500	356	71	10-116	

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

MATRIX SPIKE SAMPLE:		1546235					
Parameter	Units	60190948027 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
2,4,6-Tribromophenol (S)	%					67	54-119
2-Fluorobiphenyl (S)	%					88	64-106
2-Fluorophenol (S)	%					87	48-101
Nitrobenzene-d5 (S)	%					87	60-113
Phenol-d6 (S)	%					86	46-108
Terphenyl-d14 (S)	%					89	71-111

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

QC Batch: PMST/10610

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 60190948037, 60190948038, 60190948039, 60190948040, 60190948041, 60190948042, 60190948043

METHOD BLANK: 1543766

Matrix: Solid

Associated Lab Samples: 60190948037, 60190948038, 60190948039, 60190948040, 60190948041, 60190948042, 60190948043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/03/15 00:00	

SAMPLE DUPLICATE: 1543767

Parameter	Units	60191006001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.2	13.5	5	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bannister IL1561

Pace Project No.: 60190948

QC Batch: PMST/10611

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 60190948044, 60190948045, 60190948046, 60190948047, 60190948048

METHOD BLANK: 1543768

Matrix: Solid

Associated Lab Samples: 60190948044, 60190948045, 60190948046, 60190948047, 60190948048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	04/03/15 00:00	

SAMPLE DUPLICATE: 1543769

Parameter	Units	60190948044 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	0.84	0.93	10	20	

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

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QUALIFIERS

Project: Bannister IL1561

Pace Project No.: 60190948

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.

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561
Pace Project No.: 60190948

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60190948037	BFC-B37B-H101	EPA 3546	OEXT/48789	EPA 8082	GCSV/18691
60190948038	BFC-B37B-H102	EPA 3546	OEXT/48789	EPA 8082	GCSV/18691
60190948039	BFC-B37B-H103	EPA 3546	OEXT/48863	EPA 8082	GCSV/18724
60190948040	BFC-B37B-H104	EPA 3546	OEXT/48789	EPA 8082	GCSV/18691
60190948041	BFC-B37B-H105	EPA 3546	OEXT/48789	EPA 8082	GCSV/18691
60190948042	BFC-B37B-H106	EPA 3546	OEXT/48789	EPA 8082	GCSV/18691
60190948043	BFC-B37B-H107	EPA 3546	OEXT/48789	EPA 8082	GCSV/18691
60190948044	BFC-B37B-H108	EPA 3546	OEXT/48789	EPA 8082	GCSV/18691
60190948045	BFC-B37B-H109	EPA 3546	OEXT/48789	EPA 8082	GCSV/18691
60190948046	BFC-B37B-H110	EPA 3546	OEXT/48789	EPA 8082	GCSV/18691
60190948001	BFC-TCES-H103	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948002	BFC-TCES-H104	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948003	BFC-TCES-H105	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948004	BFC-TCES-H106	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948005	BFC-TCES-H107	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948006	BFC-TCES-H108	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948007	BFC-TCES-H109	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948008	BFC-TCES-H110	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948009	BFC-TCES-H111	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948010	BFC-TCES-H112	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948011	BFC-TCES-H113	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948012	BFC-TCES-H114	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948013	BFC-TCES-H115	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948014	BFC-TCES-H116	EPA 3010	MPRP/31326	EPA 6010	ICP/23311
60190948015	BFC-TCES-H117	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948016	BFC-TCES-H118	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948017	BFC-TCES-H119	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948018	BFC-TCES-H120A	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948019	BFC-TCES-H120B	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948020	BFC-TCES-H121	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948021	BFC-TCES-H122	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948022	BFC-TCES-H123	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948023	BFC-TCES-H124	EPA 3010	MPRP/31349	EPA 6010	ICP/23320
60190948024	BFC-TCES-H125	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948025	BFC-TCES-H126	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948026	BFC-TCES-H127	EPA 3010	MPRP/31350	EPA 6010	ICP/23321
60190948027	BFC-TCES-H128	EPA 3010	MPRP/31357	EPA 6010	ICP/23325
60190948028	BFC-TCES-H129	EPA 3010	MPRP/31358	EPA 6010	ICP/23324
60190948029	BFC-TCES-H130	EPA 3010	MPRP/31358	EPA 6010	ICP/23324
60190948030	BFC-TCES-H131	EPA 3010	MPRP/31358	EPA 6010	ICP/23324
60190948031	BFC-TCES-H132	EPA 3010	MPRP/31358	EPA 6010	ICP/23324
60190948032	BFC-TCES-H133	EPA 3010	MPRP/31358	EPA 6010	ICP/23324
60190948033	BFC-TCES-H134	EPA 3010	MPRP/31358	EPA 6010	ICP/23324
60190948034	BFC-TCES-H135	EPA 3010	MPRP/31357	EPA 6010	ICP/23325

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60190948

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60190948035	BFC-TCES-H136	EPA 3010	MPRP/31358	EPA 6010	ICP/23324
60190948036	BFC-TCES-H137	EPA 3010	MPRP/31358	EPA 6010	ICP/23324
60190948047	BFC-TCES-H101	EPA 3010	MPRP/31358	EPA 6010	ICP/23324
60190948048	BFC-TCES-H102	EPA 3010	MPRP/31358	EPA 6010	ICP/23324
60190948001	BFC-TCES-H103	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948002	BFC-TCES-H104	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948003	BFC-TCES-H105	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948004	BFC-TCES-H106	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948005	BFC-TCES-H107	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948006	BFC-TCES-H108	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948007	BFC-TCES-H109	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948008	BFC-TCES-H110	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948009	BFC-TCES-H111	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948010	BFC-TCES-H112	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948011	BFC-TCES-H113	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948012	BFC-TCES-H114	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948013	BFC-TCES-H115	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948014	BFC-TCES-H116	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948015	BFC-TCES-H117	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948016	BFC-TCES-H118	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948017	BFC-TCES-H119	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948018	BFC-TCES-H120A	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948019	BFC-TCES-H120B	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948020	BFC-TCES-H121	EPA 7470	MERP/9467	EPA 7470	MERC/9421
60190948021	BFC-TCES-H122	EPA 7470	MERP/9468	EPA 7470	MERC/9420
60190948022	BFC-TCES-H123	EPA 7470	MERP/9468	EPA 7470	MERC/9420
60190948023	BFC-TCES-H124	EPA 7470	MERP/9468	EPA 7470	MERC/9420
60190948024	BFC-TCES-H125	EPA 7470	MERP/9468	EPA 7470	MERC/9420
60190948025	BFC-TCES-H126	EPA 7470	MERP/9468	EPA 7470	MERC/9420
60190948026	BFC-TCES-H127	EPA 7470	MERP/9468	EPA 7470	MERC/9420
60190948027	BFC-TCES-H128	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948028	BFC-TCES-H129	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948029	BFC-TCES-H130	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948030	BFC-TCES-H131	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948031	BFC-TCES-H132	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948032	BFC-TCES-H133	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948033	BFC-TCES-H134	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948034	BFC-TCES-H135	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948035	BFC-TCES-H136	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948036	BFC-TCES-H137	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948047	BFC-TCES-H101	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948048	BFC-TCES-H102	EPA 7470	MERP/9474	EPA 7470	MERC/9425
60190948001	BFC-TCES-H103	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948002	BFC-TCES-H104	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948003	BFC-TCES-H105	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948004	BFC-TCES-H106	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948005	BFC-TCES-H107	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60190948

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60190948006	BFC-TCES-H108	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948007	BFC-TCES-H109	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948008	BFC-TCES-H110	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948009	BFC-TCES-H111	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948010	BFC-TCES-H112	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948011	BFC-TCES-H113	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948012	BFC-TCES-H114	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948013	BFC-TCES-H115	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948014	BFC-TCES-H116	EPA 3510	OEXT/48820	EPA 8270	MSSV/15804
60190948015	BFC-TCES-H117	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948016	BFC-TCES-H118	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948017	BFC-TCES-H119	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948018	BFC-TCES-H120A	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948019	BFC-TCES-H120B	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948020	BFC-TCES-H121	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948021	BFC-TCES-H122	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948022	BFC-TCES-H123	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948023	BFC-TCES-H124	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948024	BFC-TCES-H125	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948025	BFC-TCES-H126	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948026	BFC-TCES-H127	EPA 3510	OEXT/48853	EPA 8270	MSSV/15808
60190948027	BFC-TCES-H128	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948028	BFC-TCES-H129	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948029	BFC-TCES-H130	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948030	BFC-TCES-H131	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948031	BFC-TCES-H132	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948032	BFC-TCES-H133	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948033	BFC-TCES-H134	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948034	BFC-TCES-H135	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948035	BFC-TCES-H136	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948036	BFC-TCES-H137	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948047	BFC-TCES-H101	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948048	BFC-TCES-H102	EPA 3510	OEXT/48872	EPA 8270	MSSV/15822
60190948001	BFC-TCES-H103	EPA 8260	MSV/68680		
60190948002	BFC-TCES-H104	EPA 8260	MSV/68680		
60190948003	BFC-TCES-H105	EPA 8260	MSV/68680		
60190948004	BFC-TCES-H106	EPA 8260	MSV/68680		
60190948005	BFC-TCES-H107	EPA 8260	MSV/68680		
60190948006	BFC-TCES-H108	EPA 8260	MSV/68680		
60190948007	BFC-TCES-H109	EPA 8260	MSV/68680		
60190948008	BFC-TCES-H110	EPA 8260	MSV/68791		
60190948009	BFC-TCES-H111	EPA 8260	MSV/68791		
60190948010	BFC-TCES-H112	EPA 8260	MSV/68791		
60190948011	BFC-TCES-H113	EPA 8260	MSV/68791		
60190948012	BFC-TCES-H114	EPA 8260	MSV/68791		
60190948013	BFC-TCES-H115	EPA 8260	MSV/68791		
60190948014	BFC-TCES-H116	EPA 8260	MSV/68791		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bannister IL1561

Pace Project No.: 60190948

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60190948015	BFC-TCES-H117	EPA 8260	MSV/68791		
60190948016	BFC-TCES-H118	EPA 8260	MSV/68791		
60190948017	BFC-TCES-H119	EPA 8260	MSV/68791		
60190948018	BFC-TCES-H120A	EPA 8260	MSV/68791		
60190948019	BFC-TCES-H120B	EPA 8260	MSV/68792		
60190948020	BFC-TCES-H121	EPA 8260	MSV/68792		
60190948021	BFC-TCES-H122	EPA 8260	MSV/68792		
60190948022	BFC-TCES-H123	EPA 8260	MSV/68792		
60190948023	BFC-TCES-H124	EPA 8260	MSV/68792		
60190948024	BFC-TCES-H125	EPA 8260	MSV/68792		
60190948025	BFC-TCES-H126	EPA 8260	MSV/68792		
60190948026	BFC-TCES-H127	EPA 8260	MSV/68792		
60190948027	BFC-TCES-H128	EPA 8260	MSV/68792		
60190948028	BFC-TCES-H129	EPA 8260	MSV/68792		
60190948029	BFC-TCES-H130	EPA 8260	MSV/68792		
60190948030	BFC-TCES-H131	EPA 8260	MSV/68765		
60190948031	BFC-TCES-H132	EPA 8260	MSV/68765		
60190948032	BFC-TCES-H133	EPA 8260	MSV/68765		
60190948033	BFC-TCES-H134	EPA 8260	MSV/68765		
60190948034	BFC-TCES-H135	EPA 8260	MSV/68765		
60190948035	BFC-TCES-H136	EPA 8260	MSV/68765		
60190948036	BFC-TCES-H137	EPA 8260	MSV/68765		
60190948047	BFC-TCES-H101	EPA 8260	MSV/68765		
60190948048	BFC-TCES-H102	EPA 8260	MSV/68790		
60190948037	BFC-B37B-H101	ASTM D2974	PMST/10610		
60190948038	BFC-B37B-H102	ASTM D2974	PMST/10610		
60190948039	BFC-B37B-H103	ASTM D2974	PMST/10610		
60190948040	BFC-B37B-H104	ASTM D2974	PMST/10610		
60190948041	BFC-B37B-H105	ASTM D2974	PMST/10610		
60190948042	BFC-B37B-H106	ASTM D2974	PMST/10610		
60190948043	BFC-B37B-H107	ASTM D2974	PMST/10610		
60190948044	BFC-B37B-H108	ASTM D2974	PMST/10611		
60190948045	BFC-B37B-H109	ASTM D2974	PMST/10611		
60190948046	BFC-B37B-H110	ASTM D2974	PMST/10611		
60190948047	BFC-TCES-H101	ASTM D2974	PMST/10611		
60190948048	BFC-TCES-H102	ASTM D2974	PMST/10611		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60190948



Client Name: Brandenburg

Courier: FedEx UPS VIA Clay PEX ECI Pace Other Client
Tracking #: _____ Pace Shipping Label Used? Yes No

Optional
Proj Due Date:
Proj Name:

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 4.7

Date and initials of person examining contents: JB 4/1

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
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: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AAF

Date: 4/2/15



CHAIN-OF-CUSTODY / Analytical Request Document

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

Regulatory Agency: MO
 State / Location: MO

ITEM #	MATRIX CODE Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	MATRIX 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)	RELINQUISHED BY / AFFILIATION		TIME		ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS
			START DATE	END DATE			DATE	DATE	DATE	DATE	DATE	DATE			
1	BFC-TCES-H126		4/1 11:05	4/1 11:10					4:00	4:00			4/1 11:20	4:00	Y
2	BFC-TCES-H127		4/1 11:25	4/1 11:30					4:00	4:00			4/1 11:20	4:00	Y
3	BFC-TCES-H128		4/1 11:20	4/1 11:25					4:00	4:00			4/1 11:20	4:00	Y
4	BFC-TCES-H129		4/1 11:30	4/1 11:35					4:00	4:00			4/1 11:20	4:00	Y
5	BFC-TCES-H130		4/1 11:40	4/1 11:45					4:00	4:00			4/1 11:20	4:00	Y
6	BFC-TCES-H131		4/1 1:15	4/1 1:20					4:00	4:00			4/1 11:20	4:00	Y
7	BFC-TCES-H132		4/1 1:30	4/1 1:35					4:00	4:00			4/1 11:20	4:00	Y
8	BFC-TCES-H133		4/1 1:35	4/1 1:40					4:00	4:00			4/1 11:20	4:00	Y
9	BFC-TCES-H134		4/1 1:45	4/1 1:50					4:00	4:00			4/1 11:20	4:00	Y
10	BFC-TCES-H135		4/1 1:50	4/1 1:55					4:00	4:00			4/1 11:20	4:00	Y
11	BFC-TCES-H136		4/1 2:20	4/1 2:25					4:00	4:00			4/1 11:20	4:00	Y
12	BFC-TCES-H137		4/1 2:20	4/1 2:30					4:00	4:00			4/1 11:20	4:00	Y

Requested Analysis Filtered (Y/N)

Analyses Test Y/N

Preservatives: H2SO4, HNO3, HCl, NaOH, Na2S2O3, Methanol, Other

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)

60190998

U6KM 025

026

027

028

029

030

031

032

033

034

035

036

TEMP in C

Received on

Custody Sealed (Y/N)

Cooler (Y/N)

Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE: Nick Rojas

PRINT Name of SAMPLER: Nick Rojas

SIGNATURE of SAMPLER: [Signature]

DATE Signed: 4/1/15

April 22, 2015

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

RE: Project: Bannister IL1561
Pace Project No.: 60191164

Dear Nick Rojas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 02, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Alice Flanagan
alice.flanagan@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Bannister IL1561

Pace Project No.: 60191164

New Orleans Certification IDs

California Env. Lab Accreditation Program Branch:
11277CA

Florida Department of Health (NELAC): E87595

Illinois Environmental Protection Agency: 0025721

Kansas Department of Health and Environment (NELAC):
E-10266

Louisiana Dept. of Environmental Quality (NELAC/LELAP):
02006

Pennsylvania Dept. of Env Protection (NELAC): 68-04202

Texas Commission on Env. Quality (NELAC):

T104704405-09-TX

U.S. Dept. of Agriculture Foreign Soil Import: P330-10-
00119

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL1561

Pace Project No.: 60191164

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60191164001	BFC-FOAM-H101	Solid	04/02/15 08:05	04/02/15 17:35
60191164002	BFC-FOAM-H102	Solid	04/02/15 08:15	04/02/15 17:35
60191164003	BFC-FOAM-H103	Solid	04/02/15 08:25	04/02/15 17:35
60191164004	BFC-FOAM-H104	Solid	04/02/15 08:30	04/02/15 17:35
60191164005	BFC-FOAM-H105	Solid	04/02/15 08:38	04/02/15 17:35
60191164006	BFC-FOAM-H106	Solid	04/02/15 08:45	04/02/15 17:35
60191164007	BFC-FOAM-H107	Solid	04/02/15 08:50	04/02/15 17:35
60191164008	BFC-FOAM-H108	Solid	04/02/15 08:55	04/02/15 17:35
60191164009	BFC-FOAM-H109	Solid	04/02/15 09:00	04/02/15 17:35
60191164010	BFC-FOAM-H110	Solid	04/02/15 09:05	04/02/15 17:35
60191164011	BFC-FOAM-H111	Solid	04/02/15 09:15	04/02/15 17:35
60191164012	BFC-FOAM-H112	Solid	04/02/15 09:25	04/02/15 17:35
60191164013	BFC-FOAM-H113	Solid	04/02/15 09:30	04/02/15 17:35
60191164014	BFC-FOAM-H114	Solid	04/02/15 09:35	04/02/15 17:35
60191164015	BFC-FOAM-H115	Solid	04/02/15 09:40	04/02/15 17:35
60191164016	BFC-FOAM-H116	Solid	04/02/15 09:50	04/02/15 17:35
60191164017	BFC-FOAM-H117	Solid	04/02/15 09:55	04/02/15 17:35
60191164018	BFC-FOAM-H118	Solid	04/02/15 10:10	04/02/15 17:35
60191164019	BFC-FOAM-H119	Solid	04/02/15 10:20	04/02/15 17:35
60191164020	BFC-FOAM-H120A	Solid	04/02/15 10:30	04/02/15 17:35
60191164021	BFC-FOAM-H120B	Solid	04/02/15 10:35	04/02/15 17:35
60191164022	BFC-FOAM-H121	Solid	04/02/15 10:40	04/02/15 17:35
60191164023	BFC-FOAM-H122	Solid	04/02/15 10:45	04/02/15 17:35
60191164024	BFC-FOAM-H123	Solid	04/02/15 10:55	04/02/15 17:35
60191164025	BFC-TCES-H138	Solid	04/02/15 06:05	04/02/15 17:35
60191164026	BFC-TCES-H139	Solid	04/02/15 06:10	04/02/15 17:35
60191164027	BFC-TCES-H140A	Solid	04/02/15 06:20	04/02/15 17:35
60191164028	BFC-TCES-H140B	Solid	04/02/15 06:25	04/02/15 17:35
60191164029	BFC-TCES-H141	Solid	04/02/15 06:30	04/02/15 17:35
60191164030	BFC-TCES-H142	Solid	04/02/15 06:35	04/02/15 17:35
60191164031	BFC-TCES-H143	Solid	04/02/15 06:40	04/02/15 17:35
60191164032	BFC-TCES-H144	Solid	04/02/15 06:45	04/02/15 17:35
60191164033	BFC-TCES-H145	Solid	04/02/15 06:50	04/02/15 17:35
60191164034	BFC-TCES-H146	Solid	04/02/15 06:55	04/02/15 17:35
60191164035	BFC-TCES-H147	Solid	04/02/15 07:00	04/02/15 17:35
60191164036	BFC-FOAM-H124	Solid	04/02/15 11:10	04/02/15 17:35
60191164037	BFC-ETCA-H101	Solid	04/02/15 14:10	04/02/15 17:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bannister IL1561

Pace Project No.: 60191164

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60191164038	BFC-ETCA-H102	Solid	04/02/15 14:25	04/02/15 17:35
60191164039	BFC-ETCA-H103	Solid	04/02/15 14:40	04/02/15 17:35
60191164040	BFC-ETCA-H104	Solid	04/02/15 14:50	04/02/15 17:35

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561
Pace Project No.: 60191164

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60191164001	BFC-FOAM-H101	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164002	BFC-FOAM-H102	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164003	BFC-FOAM-H103	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164004	BFC-FOAM-H104	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164005	BFC-FOAM-H105	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164006	BFC-FOAM-H106	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164007	BFC-FOAM-H107	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164008	BFC-FOAM-H108	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164009	BFC-FOAM-H109	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164010	BFC-FOAM-H110	EPA 6010	MHB1	7	PASI-N

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561
Pace Project No.: 60191164

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60191164011	BFC-FOAM-H111	EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
60191164012	BFC-FOAM-H112	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
60191164013	BFC-FOAM-H113	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164014	BFC-FOAM-H114	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
60191164015	BFC-FOAM-H115	EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
60191164016	BFC-FOAM-H116	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
60191164017	BFC-FOAM-H117	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164018	BFC-FOAM-H118	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
60191164019	BFC-FOAM-H119	EPA 7470	MHB1	1	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561
Pace Project No.: 60191164

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60191164020	BFC-FOAM-H120A	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
60191164021	BFC-FOAM-H120B	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
60191164022	BFC-FOAM-H121	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
60191164023	BFC-FOAM-H122	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
60191164024	BFC-FOAM-H123	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
60191164025	BFC-TCES-H138	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
60191164026	BFC-TCES-H139	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
60191164027	BFC-TCES-H140A	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
60191164028	BFC-TCES-H140B	EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60191164

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60191164029	BFC-TCES-H141	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
60191164030	BFC-TCES-H142	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
60191164031	BFC-TCES-H143	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
60191164032	BFC-TCES-H144	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
60191164033	BFC-TCES-H145	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
60191164034	BFC-TCES-H146	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
60191164035	BFC-TCES-H147	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
60191164036	BFC-FOAM-H124	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
60191164037	BFC-ETCA-H101	EPA 8260	MHM	13	PASI-N
		EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N

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SAMPLE ANALYTE COUNT

Project: Bannister IL1561

Pace Project No.: 60191164

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60191164038	BFC-ETCA-H102	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164039	BFC-ETCA-H103	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N
60191164040	BFC-ETCA-H104	EPA 6010	MHB1	7	PASI-N
		EPA 7470	MHB1	1	PASI-N
		EPA 8270	JAM	18	PASI-N
		EPA 8260	MHM	13	PASI-N

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H101 **Lab ID: 60191164001** Collected: 04/02/15 08:05 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:10	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 10:10	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 10:10	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:10	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:10	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:10	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:10	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:16	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:59	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:59	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:59	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:59	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:59	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:59		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:59	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 11:59	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:59	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 11:59	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:59	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	110	%	33-120	1	04/15/15 15:24	04/16/15 11:59	4165-60-0	
2-Fluorobiphenyl (S)	83	%	34-117	1	04/15/15 15:24	04/16/15 11:59	321-60-8	
Terphenyl-d14 (S)	101	%	24-133	1	04/15/15 15:24	04/16/15 11:59	1718-51-0	
Phenol-d6 (S)	45	%	15-134	1	04/15/15 15:24	04/16/15 11:59	13127-88-3	
2-Fluorophenol (S)	41	%	10-118	1	04/15/15 15:24	04/16/15 11:59	367-12-4	
2,4,6-Tribromophenol (S)	107	%	25-145	1	04/15/15 15:24	04/16/15 11:59	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 14:20	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 14:20	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 14:20	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 14:20	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 14:20	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 14:20	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 14:20	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 14:20	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 14:20	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 14:20	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H101 **Lab ID: 60191164001** Collected: 04/02/15 08:05 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	84	%.	70-130	20		04/16/15 14:20	2037-26-5	
4-Bromofluorobenzene (S)	76	%.	62-134	20		04/16/15 14:20	460-00-4	
Dibromofluoromethane (S)	82	%.	64-130	20		04/16/15 14:20	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H102 **Lab ID: 60191164002** Collected: 04/02/15 08:15 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:24	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 10:24	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 10:24	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:24	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:24	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:24	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:24	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:22	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:33	106-46-7	M1
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:33	121-14-2	M1
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:33	87-68-3	M1,R1
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:33	118-74-1	M1
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:33	67-72-1	M1
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:33		M1,R1
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:33	98-95-3	M1,R1
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 11:33	87-86-5	M1
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:33	110-86-1	M1,R1
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 11:33	95-95-4	M1
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 11:33	88-06-2	M1
Surrogates								
Nitrobenzene-d5 (S)	87	%	33-120	1	04/15/15 15:24	04/16/15 11:33	4165-60-0	
2-Fluorobiphenyl (S)	81	%	34-117	1	04/15/15 15:24	04/16/15 11:33	321-60-8	
Terphenyl-d14 (S)	91	%	24-133	1	04/15/15 15:24	04/16/15 11:33	1718-51-0	
Phenol-d6 (S)	58	%	15-134	1	04/15/15 15:24	04/16/15 11:33	13127-88-3	
2-Fluorophenol (S)	45	%	10-118	1	04/15/15 15:24	04/16/15 11:33	367-12-4	
2,4,6-Tribromophenol (S)	92	%	25-145	1	04/15/15 15:24	04/16/15 11:33	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 14:37	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 14:37	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 14:37	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 14:37	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 14:37	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 14:37	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 14:37	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 14:37	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 14:37	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 14:37	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H102 **Lab ID: 60191164002** Collected: 04/02/15 08:15 Received: 04/02/15 17:35 Matrix: Solid

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

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30

Surrogates

Toluene-d8 (S)	86	%	70-130	20		04/16/15 14:37	2037-26-5	
4-Bromofluorobenzene (S)	80	%	62-134	20		04/16/15 14:37	460-00-4	
Dibromofluoromethane (S)	87	%	64-130	20		04/16/15 14:37	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H103 **Lab ID: 60191164003** Collected: 04/02/15 08:25 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:28	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 10:28	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 10:28	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:28	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:28	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:28	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:28	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:24	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:25	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:25	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:25	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:25	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:25	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:25		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:25	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 12:25	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:25	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 12:25	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:25	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	108	%	33-120	1	04/15/15 15:24	04/16/15 12:25	4165-60-0	
2-Fluorobiphenyl (S)	83	%	34-117	1	04/15/15 15:24	04/16/15 12:25	321-60-8	
Terphenyl-d14 (S)	96	%	24-133	1	04/15/15 15:24	04/16/15 12:25	1718-51-0	
Phenol-d6 (S)	49	%	15-134	1	04/15/15 15:24	04/16/15 12:25	13127-88-3	
2-Fluorophenol (S)	53	%	10-118	1	04/15/15 15:24	04/16/15 12:25	367-12-4	
2,4,6-Tribromophenol (S)	109	%	25-145	1	04/15/15 15:24	04/16/15 12:25	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 14:55	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 14:55	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 14:55	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 14:55	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 14:55	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 14:55	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 14:55	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 14:55	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 14:55	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 14:55	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H103 **Lab ID: 60191164003** Collected: 04/02/15 08:25 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	82	%.	70-130	20		04/16/15 14:55	2037-26-5	
4-Bromofluorobenzene (S)	79	%.	62-134	20		04/16/15 14:55	460-00-4	
Dibromofluoromethane (S)	88	%.	64-130	20		04/16/15 14:55	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H104 **Lab ID: 60191164004** Collected: 04/02/15 08:30 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:32	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 10:32	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 10:32	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:32	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:32	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:32	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:32	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:30	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:51	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:51	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:51	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:51	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:51	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:51		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:51	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 12:51	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:51	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 12:51	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 12:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	91	%	33-120	1	04/15/15 15:24	04/16/15 12:51	4165-60-0	
2-Fluorobiphenyl (S)	88	%	34-117	1	04/15/15 15:24	04/16/15 12:51	321-60-8	
Terphenyl-d14 (S)	110	%	24-133	1	04/15/15 15:24	04/16/15 12:51	1718-51-0	
Phenol-d6 (S)	35	%	15-134	1	04/15/15 15:24	04/16/15 12:51	13127-88-3	
2-Fluorophenol (S)	52	%	10-118	1	04/15/15 15:24	04/16/15 12:51	367-12-4	
2,4,6-Tribromophenol (S)	120	%	25-145	1	04/15/15 15:24	04/16/15 12:51	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 16:40	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 16:40	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 16:40	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 16:40	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 16:40	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 16:40	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 16:40	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 16:40	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 16:40	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 16:40	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H104 **Lab ID: 60191164004** Collected: 04/02/15 08:30 Received: 04/02/15 17:35 Matrix: Solid

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

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30

Surrogates

Toluene-d8 (S)	84	%	70-130	20		04/16/15 16:40	2037-26-5	
4-Bromofluorobenzene (S)	77	%	62-134	20		04/16/15 16:40	460-00-4	
Dibromofluoromethane (S)	86	%	64-130	20		04/16/15 16:40	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H105 **Lab ID: 60191164005** Collected: 04/02/15 08:38 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:36	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 10:36	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 10:36	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:36	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:36	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:36	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:36	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:32	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:16	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:16	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:16	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:16	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:16	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:16		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:16	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 13:16	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:16	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 13:16	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:16	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	100	%	33-120	1	04/15/15 15:24	04/16/15 13:16	4165-60-0	
2-Fluorobiphenyl (S)	76	%	34-117	1	04/15/15 15:24	04/16/15 13:16	321-60-8	
Terphenyl-d14 (S)	92	%	24-133	1	04/15/15 15:24	04/16/15 13:16	1718-51-0	
Phenol-d6 (S)	63	%	15-134	1	04/15/15 15:24	04/16/15 13:16	13127-88-3	
2-Fluorophenol (S)	53	%	10-118	1	04/15/15 15:24	04/16/15 13:16	367-12-4	
2,4,6-Tribromophenol (S)	106	%	25-145	1	04/15/15 15:24	04/16/15 13:16	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 15:12	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 15:12	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 15:12	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 15:12	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 15:12	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 15:12	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 15:12	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 15:12	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 15:12	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 15:12	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H105 **Lab ID: 60191164005** Collected: 04/02/15 08:38 Received: 04/02/15 17:35 Matrix: Solid

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

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30

Surrogates

Toluene-d8 (S)	84	%	70-130	20		04/16/15 15:12	2037-26-5	
4-Bromofluorobenzene (S)	79	%	62-134	20		04/16/15 15:12	460-00-4	
Dibromofluoromethane (S)	88	%	64-130	20		04/16/15 15:12	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H106 **Lab ID: 60191164006** Collected: 04/02/15 08:45 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:47	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 10:47	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 10:47	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:47	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:47	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:47	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:47	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:34	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:42	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:42	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:42	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:42	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:42	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:42		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:42	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 13:42	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:42	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 13:42	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 13:42	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	119	%	33-120	1	04/15/15 15:24	04/16/15 13:42	4165-60-0	
2-Fluorobiphenyl (S)	83	%	34-117	1	04/15/15 15:24	04/16/15 13:42	321-60-8	
Terphenyl-d14 (S)	107	%	24-133	1	04/15/15 15:24	04/16/15 13:42	1718-51-0	
Phenol-d6 (S)	62	%	15-134	1	04/15/15 15:24	04/16/15 13:42	13127-88-3	
2-Fluorophenol (S)	58	%	10-118	1	04/15/15 15:24	04/16/15 13:42	367-12-4	
2,4,6-Tribromophenol (S)	109	%	25-145	1	04/15/15 15:24	04/16/15 13:42	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 15:30	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 15:30	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 15:30	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 15:30	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 15:30	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 15:30	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 15:30	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 15:30	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 15:30	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 15:30	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H106 **Lab ID: 60191164006** Collected: 04/02/15 08:45 Received: 04/02/15 17:35 Matrix: Solid

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

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30

Surrogates

Toluene-d8 (S)	86	%	70-130	20		04/16/15 15:30	2037-26-5	
4-Bromofluorobenzene (S)	79	%	62-134	20		04/16/15 15:30	460-00-4	
Dibromofluoromethane (S)	88	%	64-130	20		04/16/15 15:30	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H107 **Lab ID: 60191164007** Collected: 04/02/15 08:50 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:51	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 10:51	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 10:51	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:51	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:51	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:51	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:51	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:36	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:08	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:08	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:08	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:08	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:08	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:08		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:08	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 14:08	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:08	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 14:08	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:08	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	81	%	33-120	1	04/15/15 15:24	04/16/15 14:08	4165-60-0	
2-Fluorobiphenyl (S)	61	%	34-117	1	04/15/15 15:24	04/16/15 14:08	321-60-8	
Terphenyl-d14 (S)	77	%	24-133	1	04/15/15 15:24	04/16/15 14:08	1718-51-0	
Phenol-d6 (S)	30	%	15-134	1	04/15/15 15:24	04/16/15 14:08	13127-88-3	
2-Fluorophenol (S)	28	%	10-118	1	04/15/15 15:24	04/16/15 14:08	367-12-4	
2,4,6-Tribromophenol (S)	82	%	25-145	1	04/15/15 15:24	04/16/15 14:08	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 16:57	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 16:57	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 16:57	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 16:57	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 16:57	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 16:57	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 16:57	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 16:57	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 16:57	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 16:57	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H107 **Lab ID: 60191164007** Collected: 04/02/15 08:50 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	83	%	70-130	20		04/16/15 16:57	2037-26-5	
4-Bromofluorobenzene (S)	77	%	62-134	20		04/16/15 16:57	460-00-4	
Dibromofluoromethane (S)	93	%	64-130	20		04/16/15 16:57	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H108 **Lab ID: 60191164008** Collected: 04/02/15 08:55 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:55	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 10:55	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 10:55	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:55	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:55	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:55	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:55	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:38	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:33	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:33	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:33	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:33	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:33	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:33		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:33	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 14:33	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:33	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 14:33	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:33	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	81	%	33-120	1	04/15/15 15:24	04/16/15 14:33	4165-60-0	
2-Fluorobiphenyl (S)	61	%	34-117	1	04/15/15 15:24	04/16/15 14:33	321-60-8	
Terphenyl-d14 (S)	74	%	24-133	1	04/15/15 15:24	04/16/15 14:33	1718-51-0	
Phenol-d6 (S)	25	%	15-134	1	04/15/15 15:24	04/16/15 14:33	13127-88-3	
2-Fluorophenol (S)	25	%	10-118	1	04/15/15 15:24	04/16/15 14:33	367-12-4	
2,4,6-Tribromophenol (S)	87	%	25-145	1	04/15/15 15:24	04/16/15 14:33	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 15:47	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 15:47	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 15:47	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 15:47	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 15:47	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 15:47	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 15:47	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 15:47	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 15:47	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 15:47	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H108 **Lab ID: 60191164008** Collected: 04/02/15 08:55 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	85	%.	70-130	20		04/16/15 15:47	2037-26-5	
4-Bromofluorobenzene (S)	76	%.	62-134	20		04/16/15 15:47	460-00-4	
Dibromofluoromethane (S)	90	%.	64-130	20		04/16/15 15:47	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H109 **Lab ID: 60191164009** Collected: 04/02/15 09:00 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:59	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 10:59	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 10:59	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:59	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:59	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:59	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 10:59	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:41	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:59	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:59	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:59	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:59	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:59	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:59		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:59	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 14:59	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:59	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 14:59	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 14:59	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	86	%	33-120	1	04/15/15 15:24	04/16/15 14:59	4165-60-0	
2-Fluorobiphenyl (S)	63	%	34-117	1	04/15/15 15:24	04/16/15 14:59	321-60-8	
Terphenyl-d14 (S)	78	%	24-133	1	04/15/15 15:24	04/16/15 14:59	1718-51-0	
Phenol-d6 (S)	34	%	15-134	1	04/15/15 15:24	04/16/15 14:59	13127-88-3	
2-Fluorophenol (S)	29	%	10-118	1	04/15/15 15:24	04/16/15 14:59	367-12-4	
2,4,6-Tribromophenol (S)	87	%	25-145	1	04/15/15 15:24	04/16/15 14:59	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 17:15	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 17:15	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 17:15	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 17:15	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 17:15	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 17:15	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 17:15	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 17:15	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 17:15	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 17:15	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H109 **Lab ID: 60191164009** Collected: 04/02/15 09:00 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	83	%.	70-130	20		04/16/15 17:15	2037-26-5	
4-Bromofluorobenzene (S)	78	%.	62-134	20		04/16/15 17:15	460-00-4	
Dibromofluoromethane (S)	84	%.	64-130	20		04/16/15 17:15	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H110 **Lab ID: 60191164010** Collected: 04/02/15 09:05 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:03	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:03	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:03	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:03	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:03	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:03	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:03	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:43	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:25	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:25	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:25	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:25	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:25	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:25		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:25	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 15:25	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:25	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 15:25	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:25	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	100	%	33-120	1	04/15/15 15:24	04/16/15 15:25	4165-60-0	
2-Fluorobiphenyl (S)	68	%	34-117	1	04/15/15 15:24	04/16/15 15:25	321-60-8	
Terphenyl-d14 (S)	77	%	24-133	1	04/15/15 15:24	04/16/15 15:25	1718-51-0	
Phenol-d6 (S)	36	%	15-134	1	04/15/15 15:24	04/16/15 15:25	13127-88-3	
2-Fluorophenol (S)	40	%	10-118	1	04/15/15 15:24	04/16/15 15:25	367-12-4	
2,4,6-Tribromophenol (S)	94	%	25-145	1	04/15/15 15:24	04/16/15 15:25	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 17:32	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 17:32	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 17:32	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 17:32	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 17:32	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 17:32	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 17:32	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 17:32	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 17:32	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 17:32	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H110 **Lab ID: 60191164010** Collected: 04/02/15 09:05 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	83	%.	70-130	20		04/16/15 17:32	2037-26-5	
4-Bromofluorobenzene (S)	76	%.	62-134	20		04/16/15 17:32	460-00-4	
Dibromofluoromethane (S)	93	%.	64-130	20		04/16/15 17:32	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H111 **Lab ID: 60191164011** Collected: 04/02/15 09:15 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:06	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:06	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:06	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:06	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:06	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:06	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:06	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:45	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:51	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:51	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:51	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:51	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:51	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:51		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:51	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 15:51	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:51	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 15:51	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 15:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	90	%	33-120	1	04/15/15 15:24	04/16/15 15:51	4165-60-0	
2-Fluorobiphenyl (S)	65	%	34-117	1	04/15/15 15:24	04/16/15 15:51	321-60-8	
Terphenyl-d14 (S)	82	%	24-133	1	04/15/15 15:24	04/16/15 15:51	1718-51-0	
Phenol-d6 (S)	36	%	15-134	1	04/15/15 15:24	04/16/15 15:51	13127-88-3	
2-Fluorophenol (S)	38	%	10-118	1	04/15/15 15:24	04/16/15 15:51	367-12-4	
2,4,6-Tribromophenol (S)	90	%	25-145	1	04/15/15 15:24	04/16/15 15:51	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 17:50	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 17:50	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 17:50	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 17:50	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 17:50	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 17:50	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 17:50	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 17:50	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 17:50	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 17:50	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H111 **Lab ID: 60191164011** Collected: 04/02/15 09:15 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	83	%.	70-130	20		04/16/15 17:50	2037-26-5	
4-Bromofluorobenzene (S)	78	%.	62-134	20		04/16/15 17:50	460-00-4	
Dibromofluoromethane (S)	90	%.	64-130	20		04/16/15 17:50	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H112 **Lab ID: 60191164012** Collected: 04/02/15 09:25 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:10	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:10	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:10	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:10	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:10	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:10	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:10	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:47	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:16	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:16	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:16	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:16	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:16	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:16		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:16	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 16:16	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:16	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 16:16	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:16	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	97	%	33-120	1	04/15/15 15:24	04/16/15 16:16	4165-60-0	
2-Fluorobiphenyl (S)	72	%	34-117	1	04/15/15 15:24	04/16/15 16:16	321-60-8	
Terphenyl-d14 (S)	82	%	24-133	1	04/15/15 15:24	04/16/15 16:16	1718-51-0	
Phenol-d6 (S)	27	%	15-134	1	04/15/15 15:24	04/16/15 16:16	13127-88-3	
2-Fluorophenol (S)	24	%	10-118	1	04/15/15 15:24	04/16/15 16:16	367-12-4	
2,4,6-Tribromophenol (S)	91	%	25-145	1	04/15/15 15:24	04/16/15 16:16	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 16:05	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 16:05	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 16:05	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 16:05	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 16:05	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 16:05	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 16:05	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 16:05	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 16:05	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 16:05	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H112 **Lab ID: 60191164012** Collected: 04/02/15 09:25 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	83	%.	70-130	20		04/16/15 16:05	2037-26-5	
4-Bromofluorobenzene (S)	81	%.	62-134	20		04/16/15 16:05	460-00-4	
Dibromofluoromethane (S)	88	%.	64-130	20		04/16/15 16:05	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H113 **Lab ID: 60191164013** Collected: 04/02/15 09:30 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:14	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:14	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:14	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:14	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:14	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:14	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:14	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:49	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:42	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:42	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:42	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:42	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:42	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:42		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:42	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 16:42	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:42	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 16:42	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 16:42	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	83	%	33-120	1	04/15/15 15:24	04/16/15 16:42	4165-60-0	
2-Fluorobiphenyl (S)	65	%	34-117	1	04/15/15 15:24	04/16/15 16:42	321-60-8	
Terphenyl-d14 (S)	85	%	24-133	1	04/15/15 15:24	04/16/15 16:42	1718-51-0	
Phenol-d6 (S)	33	%	15-134	1	04/15/15 15:24	04/16/15 16:42	13127-88-3	
2-Fluorophenol (S)	21	%	10-118	1	04/15/15 15:24	04/16/15 16:42	367-12-4	
2,4,6-Tribromophenol (S)	80	%	25-145	1	04/15/15 15:24	04/16/15 16:42	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 18:07	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 18:07	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 18:07	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 18:07	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 18:07	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 18:07	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 18:07	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 18:07	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 18:07	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 18:07	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H113 **Lab ID: 60191164013** Collected: 04/02/15 09:30 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	85	%	70-130	20		04/16/15 18:07	2037-26-5	
4-Bromofluorobenzene (S)	78	%	62-134	20		04/16/15 18:07	460-00-4	
Dibromofluoromethane (S)	94	%	64-130	20		04/16/15 18:07	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H114 **Lab ID: 60191164014** Collected: 04/02/15 09:35 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:18	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:18	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:18	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:18	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:18	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:18	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:18	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:55	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 17:08	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 17:08	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 17:08	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 17:08	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 17:08	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 17:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 17:08		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 17:08	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 17:08	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 17:08	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:24	04/16/15 17:08	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:24	04/16/15 17:08	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	99	%	33-120	1	04/15/15 15:24	04/16/15 17:08	4165-60-0	
2-Fluorobiphenyl (S)	65	%	34-117	1	04/15/15 15:24	04/16/15 17:08	321-60-8	
Terphenyl-d14 (S)	82	%	24-133	1	04/15/15 15:24	04/16/15 17:08	1718-51-0	
Phenol-d6 (S)	33	%	15-134	1	04/15/15 15:24	04/16/15 17:08	13127-88-3	
2-Fluorophenol (S)	38	%	10-118	1	04/15/15 15:24	04/16/15 17:08	367-12-4	
2,4,6-Tribromophenol (S)	96	%	25-145	1	04/15/15 15:24	04/16/15 17:08	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 18:25	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 18:25	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 18:25	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 18:25	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 18:25	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 18:25	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 18:25	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 18:25	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 18:25	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 18:25	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H114 **Lab ID: 60191164014** Collected: 04/02/15 09:35 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	85	%.	70-130	20		04/16/15 18:25	2037-26-5	
4-Bromofluorobenzene (S)	75	%.	62-134	20		04/16/15 18:25	460-00-4	
Dibromofluoromethane (S)	92	%.	64-130	20		04/16/15 18:25	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H115 **Lab ID: 60191164015** Collected: 04/02/15 09:40 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:22	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:22	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:22	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:22	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:22	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:22	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:22	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:57	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:12	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:12	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:12	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:12	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:12	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:12		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:12	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 12:12	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:12	110-86-1	R1
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 12:12	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:12	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	92	%	33-120	1	04/15/15 15:21	04/17/15 12:12	4165-60-0	
2-Fluorobiphenyl (S)	65	%	34-117	1	04/15/15 15:21	04/17/15 12:12	321-60-8	
Terphenyl-d14 (S)	99	%	24-133	1	04/15/15 15:21	04/17/15 12:12	1718-51-0	
Phenol-d6 (S)	23	%	15-134	1	04/15/15 15:21	04/17/15 12:12	13127-88-3	
2-Fluorophenol (S)	29	%	10-118	1	04/15/15 15:21	04/17/15 12:12	367-12-4	
2,4,6-Tribromophenol (S)	84	%	25-145	1	04/15/15 15:21	04/17/15 12:12	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 18:42	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 18:42	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 18:42	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 18:42	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 18:42	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 18:42	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 18:42	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 18:42	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 18:42	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 18:42	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H115 **Lab ID: 60191164015** Collected: 04/02/15 09:40 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	84	%	70-130	20		04/16/15 18:42	2037-26-5	
4-Bromofluorobenzene (S)	81	%	62-134	20		04/16/15 18:42	460-00-4	
Dibromofluoromethane (S)	93	%	64-130	20		04/16/15 18:42	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H116 **Lab ID: 60191164016** Collected: 04/02/15 09:50 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:33	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:33	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:33	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:33	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:33	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:33	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:33	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 15:59	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 11:46	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 11:46	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 11:46	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 11:46	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 11:46	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 11:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 11:46		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 11:46	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 11:46	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 11:46	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 11:46	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 11:46	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	103	%	33-120	1	04/15/15 15:21	04/17/15 11:46	4165-60-0	
2-Fluorobiphenyl (S)	70	%	34-117	1	04/15/15 15:21	04/17/15 11:46	321-60-8	
Terphenyl-d14 (S)	91	%	24-133	1	04/15/15 15:21	04/17/15 11:46	1718-51-0	
Phenol-d6 (S)	29	%	15-134	1	04/15/15 15:21	04/17/15 11:46	13127-88-3	
2-Fluorophenol (S)	38	%	10-118	1	04/15/15 15:21	04/17/15 11:46	367-12-4	
2,4,6-Tribromophenol (S)	88	%	25-145	1	04/15/15 15:21	04/17/15 11:46	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 16:22	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 16:22	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 16:22	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 16:22	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 16:22	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 16:22	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 16:22	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 16:22	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 16:22	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 16:22	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H116 **Lab ID: 60191164016** Collected: 04/02/15 09:50 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	85	%.	70-130	20		04/16/15 16:22	2037-26-5	
4-Bromofluorobenzene (S)	77	%.	62-134	20		04/16/15 16:22	460-00-4	
Dibromofluoromethane (S)	87	%.	64-130	20		04/16/15 16:22	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H117 **Lab ID: 60191164017** Collected: 04/02/15 09:55 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:37	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:37	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:37	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:37	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:37	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:37	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:37	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 16:01	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:38	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:38	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:38	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:38	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:38	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:38		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:38	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 12:38	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:38	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 12:38	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 12:38	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	145	%	33-120	1	04/15/15 15:21	04/17/15 12:38	4165-60-0	S3
2-Fluorobiphenyl (S)	105	%	34-117	1	04/15/15 15:21	04/17/15 12:38	321-60-8	
Terphenyl-d14 (S)	135	%	24-133	1	04/15/15 15:21	04/17/15 12:38	1718-51-0	S3
Phenol-d6 (S)	60	%	15-134	1	04/15/15 15:21	04/17/15 12:38	13127-88-3	
2-Fluorophenol (S)	64	%	10-118	1	04/15/15 15:21	04/17/15 12:38	367-12-4	
2,4,6-Tribromophenol (S)	137	%	25-145	1	04/15/15 15:21	04/17/15 12:38	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 19:00	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 19:00	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 19:00	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 19:00	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 19:00	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 19:00	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 19:00	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 19:00	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 19:00	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 19:00	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H117 **Lab ID: 60191164017** Collected: 04/02/15 09:55 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	82	%	70-130	20		04/16/15 19:00	2037-26-5	
4-Bromofluorobenzene (S)	79	%	62-134	20		04/16/15 19:00	460-00-4	
Dibromofluoromethane (S)	92	%	64-130	20		04/16/15 19:00	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H118 **Lab ID: 60191164018** Collected: 04/02/15 10:10 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:41	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:41	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:41	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:41	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:41	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:41	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:41	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 16:03	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:04	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:04	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:04	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:04	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:04	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:04		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:04	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 13:04	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:04	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 13:04	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:04	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	110	%	33-120	1	04/15/15 15:21	04/17/15 13:04	4165-60-0	
2-Fluorobiphenyl (S)	70	%	34-117	1	04/15/15 15:21	04/17/15 13:04	321-60-8	
Terphenyl-d14 (S)	93	%	24-133	1	04/15/15 15:21	04/17/15 13:04	1718-51-0	
Phenol-d6 (S)	28	%	15-134	1	04/15/15 15:21	04/17/15 13:04	13127-88-3	
2-Fluorophenol (S)	37	%	10-118	1	04/15/15 15:21	04/17/15 13:04	367-12-4	
2,4,6-Tribromophenol (S)	86	%	25-145	1	04/15/15 15:21	04/17/15 13:04	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/16/15 19:17	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/16/15 19:17	78-93-3	R1
Carbon tetrachloride	ND	mg/L	0.10	20		04/16/15 19:17	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/16/15 19:17	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/16/15 19:17	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/16/15 19:17	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/16/15 19:17	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/16/15 19:17	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/16/15 19:17	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/16/15 19:17	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H118 **Lab ID: 60191164018** Collected: 04/02/15 10:10 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	85	%	70-130	20		04/16/15 19:17	2037-26-5	
4-Bromofluorobenzene (S)	76	%	62-134	20		04/16/15 19:17	460-00-4	
Dibromofluoromethane (S)	89	%	64-130	20		04/16/15 19:17	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H119 **Lab ID: 60191164019** Collected: 04/02/15 10:20 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:45	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:45	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:45	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:45	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:45	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:45	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:45	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 16:05	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:29	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:29	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:29	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:29	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:29	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:29		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:29	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 13:29	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:29	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 13:29	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:29	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	92	%	33-120	1	04/15/15 15:21	04/17/15 13:29	4165-60-0	
2-Fluorobiphenyl (S)	65	%	34-117	1	04/15/15 15:21	04/17/15 13:29	321-60-8	
Terphenyl-d14 (S)	96	%	24-133	1	04/15/15 15:21	04/17/15 13:29	1718-51-0	
Phenol-d6 (S)	24	%	15-134	1	04/15/15 15:21	04/17/15 13:29	13127-88-3	
2-Fluorophenol (S)	29	%	10-118	1	04/15/15 15:21	04/17/15 13:29	367-12-4	
2,4,6-Tribromophenol (S)	88	%	25-145	1	04/15/15 15:21	04/17/15 13:29	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/17/15 16:12	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 16:12	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 16:12	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 16:12	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 16:12	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 16:12	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 16:12	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 16:12	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 16:12	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 16:12	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H119 **Lab ID: 60191164019** Collected: 04/02/15 10:20 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30						
Surrogates								
Toluene-d8 (S)	76	%.	70-130	20		04/17/15 16:12	2037-26-5	
4-Bromofluorobenzene (S)	79	%.	62-134	20		04/17/15 16:12	460-00-4	
Dibromofluoromethane (S)	79	%.	64-130	20		04/17/15 16:12	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H120A **Lab ID: 60191164020** Collected: 04/02/15 10:30 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:49	7440-38-2	
Barium	ND	mg/L	2.0	1	04/16/15 08:00	04/17/15 11:49	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/16/15 08:00	04/17/15 11:49	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:49	7440-47-3	
Lead	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:49	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:49	7782-49-2	
Silver	ND	mg/L	0.20	1	04/16/15 08:00	04/17/15 11:49	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/16/15 08:00	04/16/15 16:07	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/14/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:55	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:55	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:55	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:55	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:55	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:55		
Nitrobenzene	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:55	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 13:55	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:55	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/15/15 15:21	04/17/15 13:55	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/15/15 15:21	04/17/15 13:55	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	104	%	33-120	1	04/15/15 15:21	04/17/15 13:55	4165-60-0	
2-Fluorobiphenyl (S)	74	%	34-117	1	04/15/15 15:21	04/17/15 13:55	321-60-8	
Terphenyl-d14 (S)	95	%	24-133	1	04/15/15 15:21	04/17/15 13:55	1718-51-0	
Phenol-d6 (S)	34	%	15-134	1	04/15/15 15:21	04/17/15 13:55	13127-88-3	
2-Fluorophenol (S)	40	%	10-118	1	04/15/15 15:21	04/17/15 13:55	367-12-4	
2,4,6-Tribromophenol (S)	79	%	25-145	1	04/15/15 15:21	04/17/15 13:55	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Benzene	ND	mg/L	0.10	20		04/17/15 16:30	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 16:30	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 16:30	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 16:30	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 16:30	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 16:30	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 16:30	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 16:30	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 16:30	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 16:30	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H120A **Lab ID: 60191164020** Collected: 04/02/15 10:30 Received: 04/02/15 17:35 Matrix: Solid

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

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

Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/15/15 15:30

Surrogates

Toluene-d8 (S)	76	%	70-130	20		04/17/15 16:30	2037-26-5	
4-Bromofluorobenzene (S)	86	%	62-134	20		04/17/15 16:30	460-00-4	
Dibromofluoromethane (S)	86	%	64-130	20		04/17/15 16:30	1868-53-7	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H120B **Lab ID: 60191164021** Collected: 04/02/15 10:35 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Arsenic	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 15:50	7440-38-2	
Barium	ND	mg/L	2.0	1	04/17/15 07:45	04/17/15 15:50	7440-39-3	
Cadmium	ND	mg/L	0.10	1	04/17/15 07:45	04/17/15 15:50	7440-43-9	
Chromium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 15:50	7440-47-3	
Lead	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 15:50	7439-92-1	
Selenium	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 15:50	7782-49-2	
Silver	ND	mg/L	0.20	1	04/17/15 07:45	04/17/15 15:50	7440-22-4	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
Mercury	ND	mg/L	0.00020	1	04/17/15 07:45	04/17/15 12:20	7439-97-6	
8270 MSSV TCLP								
Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Leachate Method/Date: EPA 1311; 04/15/15 15:30								
1,4-Dichlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:50	106-46-7	
2,4-Dinitrotoluene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:50	121-14-2	
Hexachloro-1,3-butadiene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:50	87-68-3	
Hexachlorobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:50	118-74-1	
Hexachloroethane	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:50	67-72-1	
2-Methylphenol(o-Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:50		
Nitrobenzene	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:50	98-95-3	
Pentachlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 11:50	87-86-5	
Pyridine	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:50	110-86-1	
2,4,5-Trichlorophenol	ND	mg/L	0.25	1	04/17/15 13:24	04/20/15 11:50	95-95-4	
2,4,6-Trichlorophenol	ND	mg/L	0.10	1	04/17/15 13:24	04/20/15 11:50	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	96	%	33-120	1	04/17/15 13:24	04/20/15 11:50	4165-60-0	
2-Fluorobiphenyl (S)	61	%	34-117	1	04/17/15 13:24	04/20/15 11:50	321-60-8	
Terphenyl-d14 (S)	83	%	24-133	1	04/17/15 13:24	04/20/15 11:50	1718-51-0	
Phenol-d6 (S)	30	%	15-134	1	04/17/15 13:24	04/20/15 11:50	13127-88-3	
2-Fluorophenol (S)	37	%	10-118	1	04/17/15 13:24	04/20/15 11:50	367-12-4	
2,4,6-Tribromophenol (S)	87	%	25-145	1	04/17/15 13:24	04/20/15 11:50	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00								
Benzene	ND	mg/L	0.10	20		04/17/15 16:47	71-43-2	
2-Butanone (MEK)	ND	mg/L	0.20	20		04/17/15 16:47	78-93-3	
Carbon tetrachloride	ND	mg/L	0.10	20		04/17/15 16:47	56-23-5	
Chlorobenzene	ND	mg/L	0.10	20		04/17/15 16:47	108-90-7	
Chloroform	ND	mg/L	0.10	20		04/17/15 16:47	67-66-3	
1,2-Dichloroethane	ND	mg/L	0.10	20		04/17/15 16:47	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.10	20		04/17/15 16:47	75-35-4	
Tetrachloroethene	ND	mg/L	0.10	20		04/17/15 16:47	127-18-4	
Trichloroethene	ND	mg/L	0.10	20		04/17/15 16:47	79-01-6	
Vinyl chloride	ND	mg/L	0.10	20		04/17/15 16:47	75-01-4	

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ANALYTICAL RESULTS

Project: Bannister IL1561

Pace Project No.: 60191164

Sample: BFC-FOAM-H120B **Lab ID: 60191164021** Collected: 04/02/15 10:35 Received: 04/02/15 17:35 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP		Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/16/15 17:00						
Surrogates								
Toluene-d8 (S)	78	%.	70-130	20		04/17/15 16:47	2037-26-5	
4-Bromofluorobenzene (S)	80	%.	62-134	20		04/17/15 16:47	460-00-4	
Dibromofluoromethane (S)	81	%.	64-130	20		04/17/15 16:47	1868-53-7	

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