Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Friday, May 9, 2008

Kimley-Horn and Associates - VA[KI009]
Attn: Mike Iwashchenko
505 Independence Pkway, Suite 200
Chesapeake, VA 23320

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Fly Ash
ENCO Workorder: C803870

Dear Mike Iwashchenko,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, April 24, 2008.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chuck Smith
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 74.

PROJECT NARRATIVE

Client: Kimley-Horn and Associates - VA[KI009]
Project: Fly Ash
ENCO Project ID: C803870

Overview

All samples submitted were analyzed by Environmental Conservation Laboratories, Inc. in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling and processing will be discussed in the Remarks section below.

Remarks

Analysis: EPA 353.2 NOX
Affected Samples: 8E04004-BLK1, SW-4[C803870-01], SW-5[C803870-02], SW-O[C803870-03], SW-8[C803870-04], OFE[C803870-05], SW-3[C803870-06], OFB[C803870-07], SW-6[C803870-08], SW-7[C803870-09], SW-9[C803870-10], SW-2[C803870-11], OFS[C803870-12],8E04004-BLK1, SW-1[C803870-13]
Narrative: The method blank associated to the flagged samples showed a positive result above the MDL, but below the reporting limit. Since the magnitude of the sample result are within a factor of 10 of the associated blank, the result should be considered to be an estimate.

Analysis: SM4500-Cl/E Chloride
Affected Samples: 8E05013-BLK1, 8E05013-BS1, 8E05013-MS1, 8E05013-MSD1, SW-4[C803870-01], SW-4[C803870-01RE1], SW-5[C803870-02], SW-O[C803870-03], SW-O[C803870-03RE1], SW-8[C803870-04], OFE[C803870-05], SW-3[C803870-06], SW-3[C803870-06RE1], OFB[C803870-07], SW-6[C803870-08], SW-7[C803870-09], SW-9[C803870-10], SW-2[C803870-11], OFS[C803870-12], OFS[C803870-12RE1], SW-1[C803870-13]
Narrative:
Explanation: Matrix spike recoveries could not be calculated due to high concentrations of analyte in source sample.

Analysis: EPA 310.2 Alkalinity
Affected Samples: 8E07029-BLK1, 8E07029-BS1, 8E07029-MS1, 8E07029-MSD1, HA-1[C803870-14], HA-2[C803870-15]
Narrative: The laboratory control sample (LCS) exhibited high bias for this analyte(s); the associated sample(s) results had positive results and thus the impact of this nonconfomance may affect data quality.

Analysis: EPA 300.0 Sulfate
Affected Samples: 8E06016-MS1, 8E06016-MSD1, SW-5[C803870-02], SW-5[C803870-02RE1], SW-O[C803870-03], SW-O[C803870-03RE1], SW-8[C803870-04], OFE[C803870-05], SW-3[C803870-06], SW-3[C803870-06RE1], OFB[C803870-07], SW-6[C803870-08], SW-7[C803870-09], SW-9[C803870-10], SW-2[C803870-11], SW-2[C803870-11RE1], OFS[C803870-12], SW-1[C803870-13],8E06026-MS1, 8E06026-MSD1, SW-4[C803870-01], SW-4[C803870-01RE1]

Narrative: The MS/MSD recoveries were out of control. Analysis of the laboratory control sample indicated the laboratory was in control of the analytical process. Therefore, the MS/MSD indicates that matrix effects are most likely to have affected the analytical results.

Analysis: EPA 9056 Chloride & Sulfate
Affected Samples: HA-1[C803870-14], HA-1[C803870-14RE1], HA-2[C803870-15], HA-2[C803870-15RE1]
Narrative: The sample(s) could not be analyzed within holding times for method TEST_ID because the request for the test was made after the holding time for the sample expired.

Chuck Smith
Project Manager

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: SW-4 Lab ID: C803870-01 Sampled: 04/22/08 14:45 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	04/29/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/29/08	04/25/08 09:03	4/28/2008 14:10
EPA 300.0	05/20/08	05/06/08 15:25	5/7/2008 07:55
EPA 310.2	05/06/08	05/05/08 08:51	5/5/2008 14:25
EPA 353.2	05/20/08	05/04/08 08:38	5/4/2008 15:20
EPA 365.4	05/20/08	05/06/08 12:00	5/7/2008 12:40
EPA 6010B	10/19/08	04/28/08 07:09	4/29/2008 12:50
EPA 7470A	05/20/08	05/05/08 07:10	5/6/2008 16:05

Client ID: SW-4 Lab ID: C803870-01RE1 Sampled: 04/22/08 14:45 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	05/20/08	05/06/08 15:25	5/8/2008 03:47
SM4500-Cl/E	05/20/08	05/05/08 08:54	5/5/2008 15:05

Client ID: SW-5 Lab ID: C803870-02 Sampled: 04/22/08 15:20 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	04/29/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/29/08	04/25/08 09:03	4/28/2008 14:10
EPA 300.0	05/20/08	05/06/08 11:59	5/6/2008 18:34
EPA 310.2	05/06/08	05/05/08 08:51	5/5/2008 14:27
EPA 353.2	05/20/08	05/04/08 08:38	5/4/2008 15:23
EPA 365.4	05/20/08	05/06/08 12:00	5/7/2008 12:45
EPA 6010B	10/19/08	04/28/08 07:09	4/29/2008 12:57
EPA 7470A	05/20/08	05/05/08 07:10	5/6/2008 16:08
SM4500-Cl/E	05/20/08	05/05/08 08:54	5/5/2008 14:06

Client ID: SW-5 Lab ID: C803870-02RE1 Sampled: 04/22/08 15:20 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	05/20/08	05/06/08 11:59	5/8/2008 02:18

Client ID: SW-O Lab ID: C803870-03 Sampled: 04/22/08 14:45 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	04/29/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/29/08	04/25/08 09:03	4/28/2008 14:10
EPA 300.0	05/20/08	05/06/08 11:59	5/6/2008 20:03
EPA 310.2	05/06/08	05/05/08 08:51	5/5/2008 14:28
EPA 353.2	05/20/08	05/04/08 08:38	5/4/2008 15:25
EPA 365.4	05/20/08	05/06/08 12:00	5/7/2008 12:47
EPA 6010B	10/19/08	04/28/08 07:09	4/29/2008 13:04
EPA 7470A	05/20/08	05/05/08 07:10	5/6/2008 16:12

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Client ID: SW-O Lab ID: C803870-03RE1 Sampled: 04/22/08 14:45 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	05/20/08	05/06/08 11:59	5/8/2008 00:19
SM4500-Cl/E	05/20/08	05/05/08 08:54	5/5/2008 15:06

Client ID: SW-8 Lab ID: C803870-04 Sampled: 04/23/08 13:00 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	04/30/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/30/08	04/28/08 10:35	4/29/2008 14:15
EPA 300.0	05/21/08	04/29/08 08:55	4/30/2008 07:07
EPA 300.0	05/21/08	05/06/08 11:59	5/6/2008 20:33
EPA 310.2	05/07/08	05/05/08 08:51	5/5/2008 14:29
EPA 353.2	05/21/08	05/04/08 08:38	5/4/2008 15:27
EPA 365.4	05/21/08	05/06/08 12:00	5/7/2008 12:49
EPA 6010B	10/20/08	04/28/08 07:09	4/29/2008 13:11
EPA 7470A	05/21/08	04/28/08 10:33	4/29/2008 11:52
SM4500-Cl/E	05/21/08	05/05/08 08:54	5/5/2008 14:08

Client ID: OFF Lab ID: C803870-05 Sampled: 04/23/08 12:20 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	04/30/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/30/08	04/28/08 10:35	4/29/2008 14:15
EPA 300.0	05/21/08	04/29/08 08:55	4/30/2008 07:42
EPA 300.0	05/21/08	05/06/08 11:59	5/6/2008 21:02
EPA 310.2	05/07/08	05/05/08 08:51	5/5/2008 14:30
EPA 353.2	05/21/08	05/04/08 08:38	5/4/2008 15:29
EPA 365.4	05/21/08	05/06/08 12:00	5/7/2008 12:51
EPA 6010B	10/20/08	04/28/08 07:09	4/29/2008 13:18
EPA 7470A	05/21/08	04/28/08 10:33	4/29/2008 11:55
SM4500-Cl/E	05/21/08	05/05/08 08:54	5/5/2008 14:08

Client ID: SW-3 Lab ID: C803870-06 Sampled: 04/22/08 14:00 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	04/29/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/29/08	04/25/08 09:03	4/28/2008 14:10
EPA 300.0	05/20/08	05/06/08 11:59	5/6/2008 21:32
EPA 310.2	05/06/08	05/05/08 08:51	5/5/2008 14:31
EPA 353.2	05/20/08	05/04/08 08:38	5/4/2008 15:31
EPA 365.4	05/20/08	05/06/08 12:00	5/7/2008 12:52
EPA 6010B	10/19/08	04/28/08 07:09	4/29/2008 13:39
EPA 7470A	05/20/08	05/05/08 07:10	5/6/2008 16:16

Client ID: SW-3 Lab ID: C803870-06RE1 Sampled: 04/22/08 14:00 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	05/20/08	05/06/08 11:59	5/8/2008 01:48
SM4500-Cl/E	05/20/08	05/05/08 08:54	5/5/2008 15:07

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Client ID: OEB	Lab ID: C803870-07	Sampled: 04/22/08 14:10	Received: 04/24/08 10:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 160.1	04/29/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/29/08	04/25/08 09:03	4/28/2008 14:10
EPA 300.0	05/20/08	05/06/08 11:59	5/6/2008 22:02
EPA 310.2	05/06/08	05/05/08 08:51	5/5/2008 14:32
EPA 353.2	05/20/08	05/04/08 08:38	5/4/2008 15:33
EPA 365.4	05/20/08	05/06/08 12:00	5/7/2008 12:56
EPA 6010B	10/19/08	04/28/08 07:09	4/29/2008 13:46
EPA 7470A	05/20/08	05/05/08 07:10	5/6/2008 16:19
SM4500-Cl/E	05/20/08	05/05/08 08:54	5/5/2008 14:10

Client ID: SW-6	Lab ID: C803870-08	Sampled: 04/23/08 11:37	Received: 04/24/08 10:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 160.1	04/30/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/30/08	04/28/08 10:35	4/29/2008 14:15
EPA 300.0	05/21/08	05/06/08 11:59	5/6/2008 22:31
EPA 310.2	05/07/08	05/05/08 08:51	5/5/2008 14:33
EPA 353.2	05/21/08	05/04/08 08:38	5/4/2008 15:35
EPA 365.4	05/21/08	05/06/08 12:00	5/7/2008 12:57
EPA 6010B	10/20/08	04/28/08 07:09	4/29/2008 13:53
EPA 7470A	05/21/08	05/05/08 07:10	5/6/2008 16:22
SM4500-Cl/E	05/21/08	05/05/08 08:54	5/5/2008 14:10

Client ID: SW-7	Lab ID: C803870-09	Sampled: 04/23/08 12:00	Received: 04/24/08 10:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 160.1	04/30/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/30/08	04/28/08 10:35	4/29/2008 14:15
EPA 300.0	05/21/08	04/29/08 08:55	4/30/2008 08:17
EPA 300.0	05/21/08	05/06/08 11:59	5/7/2008 00:00
EPA 310.2	05/07/08	05/05/08 08:51	5/5/2008 14:34
EPA 353.2	05/21/08	05/04/08 08:38	5/4/2008 15:37
EPA 365.4	05/21/08	05/06/08 12:00	5/7/2008 12:59
EPA 6010B	10/20/08	04/28/08 07:09	4/29/2008 13:25
EPA 7470A	05/21/08	04/28/08 10:33	4/29/2008 11:58
SM4500-Cl/E	05/21/08	05/05/08 08:54	5/5/2008 14:11

Client ID: SW-9	Lab ID: C803870-10	Sampled: 04/23/08 13:30	Received: 04/24/08 10:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 160.1	04/30/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/30/08	04/28/08 10:35	4/29/2008 14:15
EPA 300.0	05/21/08	05/06/08 11:59	5/7/2008 00:30
EPA 310.2	05/07/08	05/05/08 08:51	5/5/2008 14:35
EPA 353.2	05/21/08	05/04/08 08:38	5/4/2008 15:40
EPA 6010B	10/20/08	04/28/08 07:09	4/29/2008 14:16
EPA 7470A	05/21/08	05/05/08 07:10	5/6/2008 16:25
SM4500-Cl/E	05/21/08	05/05/08 08:54	5/5/2008 14:11

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Client ID: SW-9 Lab ID: C803870-10RE1 Sampled: 04/23/08 13:30 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 365.4	05/21/08	05/06/08 12:00	5/7/2008 17:25

Client ID: SW-2 Lab ID: C803870-11 Sampled: 04/22/08 12:40 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	04/29/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/29/08	04/25/08 09:03	4/28/2008 14:10
EPA 300.0	05/20/08	05/06/08 11:59	5/7/2008 01:00
EPA 310.2	05/06/08	05/05/08 08:51	5/5/2008 14:36
EPA 353.2	05/20/08	05/04/08 08:38	5/4/2008 15:44
EPA 365.4	05/20/08	05/06/08 12:00	5/7/2008 13:02
EPA 6010B	10/19/08	04/28/08 07:09	4/29/2008 14:23
EPA 7470A	05/20/08	05/05/08 07:10	5/6/2008 16:28
SM4500-Cl/E	05/20/08	05/05/08 08:54	5/5/2008 14:12

Client ID: OFS Lab ID: C803870-12 Sampled: 04/22/08 13:40 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	04/29/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/29/08	04/25/08 09:03	4/28/2008 14:10
EPA 300.0	05/20/08	05/06/08 11:59	5/7/2008 01:29
EPA 310.2	05/06/08	05/05/08 08:51	5/5/2008 14:37
EPA 353.2	05/20/08	05/04/08 08:38	5/4/2008 15:45
EPA 365.4	05/20/08	05/06/08 12:00	5/7/2008 13:04
EPA 6010B	10/19/08	04/28/08 07:09	4/29/2008 13:32
EPA 7470A	05/20/08	04/28/08 10:33	4/29/2008 12:01

Client ID: OFS Lab ID: C803870-12RE1 Sampled: 04/22/08 13:40 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	05/20/08	04/29/08 08:55	4/30/2008 15:51
SM4500-Cl/E	05/20/08	05/05/08 08:54	5/5/2008 15:08

Client ID: SW-1 Lab ID: C803870-13 Sampled: 04/22/08 11:53 Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	04/29/08	04/25/08 11:40	4/28/2008 12:55
EPA 160.2	04/29/08	04/25/08 09:03	4/28/2008 14:10
EPA 300.0	05/20/08	05/06/08 11:59	5/7/2008 01:59
EPA 310.2	05/06/08	05/05/08 08:51	5/5/2008 14:38
EPA 353.2	05/20/08	05/04/08 08:38	5/4/2008 15:46
EPA 365.4	05/20/08	05/06/08 12:00	5/7/2008 13:06
EPA 6010B	10/19/08	04/28/08 07:09	4/29/2008 14:30
EPA 7470A	05/20/08	05/05/08 07:10	5/6/2008 16:32
SM4500-Cl/E	05/20/08	05/05/08 08:54	5/5/2008 14:13

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Client ID: HA-1	Lab ID: C803870-14	Sampled: 04/23/08 14:10	Received: 04/24/08 10:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 310.2	05/07/08	05/07/08 12:25	5/7/2008 18:10
EPA 353.2	05/21/08	05/08/08 07:54	5/8/2008 12:37
EPA 6010B	10/20/08	04/29/08 12:40	5/2/2008 17:01
EPA 6010B	10/20/08	04/29/08 12:40	5/2/2008 17:06
EPA 6010B	10/20/08 10/26/08	04/29/08 12:40	5/2/2008 17:06
EPA 6010B	10/20/08	05/02/08 07:08	5/5/2008 15:50
EPA 6010B	10/20/08	04/29/08 12:40	5/2/2008 17:01
EPA 6010B	10/20/08	05/02/08 07:08	5/5/2008 15:50
EPA 7470A	05/21/08	04/29/08 12:28	4/30/2008 11:07
EPA 7470A	05/21/08	04/29/08 12:28	4/30/2008 11:09
EPA 7471A	05/21/08	05/02/08 07:13	5/6/2008 08:48
EPA 9056	04/26/08 06/04/08	05/07/08 12:36	5/8/2008 06:15

Client ID: HA-1	Lab ID: C803870-14RE1	Sampled: 04/23/08 14:10	Received: 04/24/08 10:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 6010B	10/20/08	04/29/08 12:40	5/5/2008 21:06
EPA 6010B	10/20/08	04/29/08 12:40	5/5/2008 21:12
EPA 9056	04/26/08 06/04/08	05/07/08 12:36	5/8/2008 09:13

Client ID: HA-1	Lab ID: C803870-14RE2	Sampled: 04/23/08 14:10	Received: 04/24/08 10:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 6010B	10/20/08	04/29/08 12:40	5/7/2008 17:30
EPA 6010B	10/20/08 10/26/08	04/29/08 12:40	5/7/2008 17:36

Client ID: HA-2	Lab ID: C803870-15	Sampled: 04/23/08 14:30	Received: 04/24/08 10:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 310.2	05/07/08	05/07/08 12:25	5/7/2008 18:11
EPA 353.2	05/21/08	05/08/08 07:54	5/8/2008 12:43
EPA 6010B	10/20/08	04/29/08 12:40	5/2/2008 17:26
EPA 6010B	10/20/08	04/29/08 12:40	5/2/2008 17:31
EPA 6010B	10/20/08 10/26/08	04/29/08 12:40	5/2/2008 17:31
EPA 6010B	10/20/08	05/02/08 07:08	5/5/2008 16:14
EPA 6010B	10/20/08	04/29/08 12:40	5/2/2008 17:26
EPA 6010B	10/20/08	05/02/08 07:08	5/5/2008 16:14
EPA 7470A	05/21/08	04/29/08 12:28	4/30/2008 11:10
EPA 7470A	05/21/08	04/29/08 12:28	4/30/2008 11:15
EPA 7471A	05/21/08	05/02/08 07:13	5/6/2008 09:01
EPA 9056	04/26/08 06/04/08	05/07/08 12:36	5/8/2008 07:44

Client ID: HA-2	Lab ID: C803870-15RE1	Sampled: 04/23/08 14:30	Received: 04/24/08 10:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 6010B	10/20/08	04/29/08 12:40	5/5/2008 21:18
EPA 6010B	10/20/08	04/29/08 12:40	5/5/2008 21:24
EPA 9056	04/26/08 06/04/08	05/07/08 12:36	5/8/2008 09:43

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Client ID: HA-2	Lab ID: C803870-15RE2	Sampled: 04/23/08 14:30	Received: 04/24/08 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/20/08		04/29/08 12:40	5/7/2008 17:59
EPA 6010B	10/20/08		04/29/08 12:40	5/7/2008 18:04
EPA 6010B	10/20/08	10/26/08	04/29/08 12:40	5/7/2008 18:04

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SAMPLE DETECTION SUMMARY

Client ID: SW-4 — **Lab ID: C803870-01**

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	4810		100	ug/L	EPA 6010B	
Antimony	3.4	J	10.0	ug/L	EPA 6010B	
Barium	89.5		10.0	ug/L	EPA 6010B	
Boron	40.7	J	50.0	ug/L	EPA 6010B	
Calcium	38600	B	100	ug/L	EPA 6010B	
Cobalt	37.1		10.0	ug/L	EPA 6010B	
Copper	2.20	J	10.0	ug/L	EPA 6010B	
Fluoride	0.24		0.20	mg/L	EPA 300.0	
Iron	2970		50	ug/L	EPA 6010B	
Magnesium	7660		100	ug/L	EPA 6010B	
Manganese	285		10.0	ug/L	EPA 6010B	
Nickel	27.7		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.064	JB	0.10	mg/L	EPA 353.2	J-01a
Potassium	24400	B	500	ug/L	EPA 6010B	
Silver	2.9	J	10.0	ug/L	EPA 6010B	
Sodium	128000		500	ug/L	EPA 6010B	
Thallium	6.2	J	10.0	ug/L	EPA 6010B	
Total Dissolved Solids	530		10	mg/L	EPA 160.1	
Total Suspended Solids	20		1.0	mg/L	EPA 160.2	
Zinc	48.6		10.0	ug/L	EPA 6010B	

Client ID: SW-4 — **Lab ID: C803870-01RE1**

Analyte	Results	Flag	MRL	Units	Method	Notes
Chloride	250	D	10	mg/L	SM4500-Cl/E	
Sulfate as SO4	90	D	20	mg/L	EPA 300.0	

Client ID: SW-5 — **Lab ID: C803870-02**

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	244		100	ug/L	EPA 6010B	
Barium	62.5		10.0	ug/L	EPA 6010B	
Boron	39.6	J	50.0	ug/L	EPA 6010B	
Calcium	55100	B	100	ug/L	EPA 6010B	
Chloride	34		5.0	mg/L	SM4500-Cl/E	
Fluoride	0.45		0.20	mg/L	EPA 300.0	
Iron	209		50	ug/L	EPA 6010B	
Magnesium	20000		100	ug/L	EPA 6010B	
Manganese	136		10.0	ug/L	EPA 6010B	
Nickel	8.4	J	10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.036	JB	0.10	mg/L	EPA 353.2	J-01a
Potassium	4780	B	500	ug/L	EPA 6010B	
Sodium	17000		500	ug/L	EPA 6010B	
Total Alkalinity	51		15	mg/L	EPA 310.2	
Total Dissolved Solids	340		10	mg/L	EPA 160.1	
Total Suspended Solids	7.0		1.0	mg/L	EPA 160.2	
Zinc	4.1	J	10.0	ug/L	EPA 6010B	

Client ID: SW-5 — **Lab ID: C803870-02RE1**

Analyte	Results	Flag	MRL	Units	Method	Notes
Sulfate as SO4	140	D	20	mg/L	EPA 300.0	

Client ID: SW-0	Lab ID: C803870-03					
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Aluminum	3860		100	ug/L	EPA 6010B	
Barium	86.0		10.0	ug/L	EPA 6010B	
Boron	38.1	J	50.0	ug/L	EPA 6010B	
Calcium	37800	B	100	ug/L	EPA 6010B	
Cobalt	32.5		10.0	ug/L	EPA 6010B	
Fluoride	0.18	J	0.20	mg/L	EPA 300.0	
Iron	2300		50	ug/L	EPA 6010B	
Lead	2.1	J	10.0	ug/L	EPA 6010B	
Magnesium	7460		100	ug/L	EPA 6010B	
Manganese	279		10.0	ug/L	EPA 6010B	
Nickel	27.4		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.062	JB	0.10	mg/L	EPA 353.2	J-01a
Potassium	23100	B	500	ug/L	EPA 6010B	
Sodium	123000		500	ug/L	EPA 6010B	
Total Dissolved Solids	550		10	mg/L	EPA 160.1	
Total Suspended Solids	22		1.0	mg/L	EPA 160.2	
Zinc	47.1		10.0	ug/L	EPA 6010B	

Client ID: SW-0	Lab ID: C803870-03RE1					
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Chloride	260	D	10	mg/L	SM4500-Cl/E	
Sulfate as SO4	98	D	10	mg/L	EPA 300.0	

Client ID: SW-8	Lab ID: C803870-04					
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Aluminum	25100		100	ug/L	EPA 6010B	
Arsenic	2.6	J	10.0	ug/L	EPA 6010B	
Barium	130		10.0	ug/L	EPA 6010B	
Boron	34.2	J	50.0	ug/L	EPA 6010B	
Calcium	7730	B	100	ug/L	EPA 6010B	
Chloride	4.6	J	5.0	mg/L	SM4500-Cl/E	
Chromium	37.1		10.0	ug/L	EPA 6010B	
Cobalt	3.3	J	10.0	ug/L	EPA 6010B	
Fluoride	0.29		0.20	mg/L	EPA 300.0	
Iron	18200		50	ug/L	EPA 6010B	
Lead	7.0	J	10.0	ug/L	EPA 6010B	
Magnesium	3780		100	ug/L	EPA 6010B	
Manganese	33.2		10.0	ug/L	EPA 6010B	
Nickel	16.0		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.17	B	0.10	mg/L	EPA 353.2	J-01a
Phosphorus	0.29		0.10	mg/L	EPA 365.4	
Potassium	2820	B	500	ug/L	EPA 6010B	
Sodium	2860		500	ug/L	EPA 6010B	
Sulfate as SO4	4.7	J	5.0	mg/L	EPA 300.0	
Total Alkalinity	11	J	15	mg/L	EPA 310.2	
Total Dissolved Solids	350		10	mg/L	EPA 160.1	
Total Suspended Solids	23		1.0	mg/L	EPA 160.2	
Vanadium	36.9		10.0	ug/L	EPA 6010B	
Zinc	28.5		10.0	ug/L	EPA 6010B	

Client ID: OFE Lab ID: C803870-05

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	9900		100	ug/L	EPA 6010B	
Arsenic	2.1	J	10.0	ug/L	EPA 6010B	
Barium	79.8		10.0	ug/L	EPA 6010B	
Boron	50.7		50.0	ug/L	EPA 6010B	
Calcium	19600	B	100	ug/L	EPA 6010B	
Chloride	18		5.0	mg/L	SM4500-Cl/E	
Chromium	12.4		10.0	ug/L	EPA 6010B	
Copper	1.40	J	10.0	ug/L	EPA 6010B	
Fluoride	0.38		0.20	mg/L	EPA 300.0	
Iron	6670		50	ug/L	EPA 6010B	
Lead	3.1	J	10.0	ug/L	EPA 6010B	
Magnesium	6650		100	ug/L	EPA 6010B	
Manganese	24.7		10.0	ug/L	EPA 6010B	
Nickel	6.5	J	10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.30	B	0.10	mg/L	EPA 353.2	J-01a
Phosphorus	0.14		0.10	mg/L	EPA 365.4	
Potassium	3960	B	500	ug/L	EPA 6010B	
Sodium	9840		500	ug/L	EPA 6010B	
Sulfate as SO4	31		5.0	mg/L	EPA 300.0	
Total Alkalinity	25		15	mg/L	EPA 310.2	
Total Dissolved Solids	240		10	mg/L	EPA 160.1	
Total Suspended Solids	57		1.0	mg/L	EPA 160.2	
Vanadium	15.0		10.0	ug/L	EPA 6010B	
Zinc	46.4		10.0	ug/L	EPA 6010B	

Client ID: SW-3 Lab ID: C803870-06

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	7380		100	ug/L	EPA 6010B	
Barium	97.7		10.0	ug/L	EPA 6010B	
Boron	32.5	J	50.0	ug/L	EPA 6010B	
Calcium	49000	B	100	ug/L	EPA 6010B	
Cobalt	54.8		10.0	ug/L	EPA 6010B	
Fluoride	0.32		0.20	mg/L	EPA 300.0	
Iron	2320		50	ug/L	EPA 6010B	
Magnesium	10100		100	ug/L	EPA 6010B	
Manganese	412		10.0	ug/L	EPA 6010B	
Nickel	46.5		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.083	JB	0.10	mg/L	EPA 353.2	J-01a
Potassium	25200	B	500	ug/L	EPA 6010B	
Sodium	143000		500	ug/L	EPA 6010B	
Total Dissolved Solids	690		10	mg/L	EPA 160.1	
Total Suspended Solids	7.2		1.0	mg/L	EPA 160.2	
Zinc	88.7		10.0	ug/L	EPA 6010B	

Client ID: SW-3 Lab ID: C803870-06RE1

Analyte	Results	Flag	MRL	Units	Method	Notes
Chloride	290	D	10	mg/L	SM4500-Cl/E	
Sulfate as SO4	160	D	10	mg/L	EPA 300.0	

Client ID: OFB Lab ID: C803870-07

Analyte	Results	Flag	MRL	Units	Method	Notes

Client ID: OFB			Lab ID: C803870-07			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Barium	0.30	J	10.0	ug/L	EPA 6010B	
Calcium	64.9	JB	100	ug/L	EPA 6010B	
Chloride	0.79	J	5.0	mg/L	SM4500-Cl/E	
Copper	4.20	J	10.0	ug/L	EPA 6010B	
Iron	60		50	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.16	B	0.10	mg/L	EPA 353.2	J-01a
Sulfate as SO4	1.4	J	5.0	mg/L	EPA 300.0	
Total Dissolved Solids	76		10	mg/L	EPA 160.1	
Total Suspended Solids	1.4		1.0	mg/L	EPA 160.2	
Zinc	13.8		10.0	ug/L	EPA 6010B	

Client ID: SW-6			Lab ID: C803870-08			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Aluminum	15800		100	ug/L	EPA 6010B	
Arsenic	6.0	J	10.0	ug/L	EPA 6010B	
Barium	107		10.0	ug/L	EPA 6010B	
Boron	59.6		50.0	ug/L	EPA 6010B	
Calcium	18500	B	100	ug/L	EPA 6010B	
Chloride	17		5.0	mg/L	SM4500-Cl/E	
Chromium	18.8		10.0	ug/L	EPA 6010B	
Fluoride	0.30		0.20	mg/L	EPA 300.0	
Iron	11600		50	ug/L	EPA 6010B	
ead	5.6	J	10.0	ug/L	EPA 6010B	
Magnesium	4300		100	ug/L	EPA 6010B	
Manganese	13.3		10.0	ug/L	EPA 6010B	
Nickel	8.4	J	10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.33	B	0.10	mg/L	EPA 353.2	J-01a
Phosphorus	0.19		0.10	mg/L	EPA 365.4	
Potassium	4990	B	500	ug/L	EPA 6010B	
Sodium	8550		500	ug/L	EPA 6010B	
Sulfate as SO4	18		5.0	mg/L	EPA 300.0	
Total Alkalinity	26		15	mg/L	EPA 310.2	
Total Dissolved Solids	280		10	mg/L	EPA 160.1	
Total Suspended Solids	20		1.0	mg/L	EPA 160.2	
Vanadium	24.6		10.0	ug/L	EPA 6010B	
Zinc	17.8		10.0	ug/L	EPA 6010B	

Client ID: SW-7			Lab ID: C803870-09			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Aluminum	9870		100	ug/L	EPA 6010B	
Barium	79.1		10.0	ug/L	EPA 6010B	
Boron	50.6		50.0	ug/L	EPA 6010B	
Calcium	19500	B	100	ug/L	EPA 6010B	
Chloride	18		5.0	mg/L	SM4500-Cl/E	
Chromium	11.6		10.0	ug/L	EPA 6010B	
Copper	0.70	J	10.0	ug/L	EPA 6010B	
Fluoride	0.36		0.20	mg/L	EPA 300.0	
Iron	6240		50	ug/L	EPA 6010B	
ead	2.8	J	10.0	ug/L	EPA 6010B	
Magnesium	6630		100	ug/L	EPA 6010B	
Manganese	12.6		10.0	ug/L	EPA 6010B	

Client ID: SW-7 — **Lab ID: C803870-09**

Analyte	Results	Flag	MRL	Units	Method	Notes
Nickel	6.4	J	10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.33	B	0.10	mg/L	EPA 353.2	J-01a
Phosphorus	0.098	J	0.10	mg/L	EPA 365.4	
Potassium	4060	B	500	ug/L	EPA 6010B	
Sodium	9520		500	ug/L	EPA 6010B	
Sulfate as SO4	32		5.0	mg/L	EPA 300.0	
Total Alkalinity	25		15	mg/L	EPA 310.2	
Total Dissolved Solids	220		10	mg/L	EPA 160.1	
Total Suspended Solids	37		1.0	mg/L	EPA 160.2	
Vanadium	14.1		10.0	ug/L	EPA 6010B	
Zinc	15.8		10.0	ug/L	EPA 6010B	

Client ID: SW-9 — **Lab ID: C803870-10**

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	11000		100	ug/L	EPA 6010B	
Arsenic	4.5	J	10.0	ug/L	EPA 6010B	
Barium	74.1		10.0	ug/L	EPA 6010B	
Boron	34.5	J	50.0	ug/L	EPA 6010B	
Calcium	7240	B	100	ug/L	EPA 6010B	
Chloride	5.6		5.0	mg/L	SM4500-Cl/E	
Chromium	14.1		10.0	ug/L	EPA 6010B	
Copper	1.30	J	10.0	ug/L	EPA 6010B	
Fluoride	0.19	J	0.20	mg/L	EPA 300.0	
Iron	7750		50	ug/L	EPA 6010B	
Lead	3.9	J	10.0	ug/L	EPA 6010B	
Magnesium	2330		100	ug/L	EPA 6010B	
Manganese	21.6		10.0	ug/L	EPA 6010B	
Nickel	6.1	J	10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.085	JB	0.10	mg/L	EPA 353.2	J-01a
Potassium	2050	B	500	ug/L	EPA 6010B	
Sodium	2700		500	ug/L	EPA 6010B	
Sulfate as SO4	5.5		5.0	mg/L	EPA 300.0	
Total Alkalinity	20		15	mg/L	EPA 310.2	
Total Dissolved Solids	130		10	mg/L	EPA 160.1	
Total Suspended Solids	83		1.0	mg/L	EPA 160.2	
Vanadium	18.0		10.0	ug/L	EPA 6010B	
Zinc	18.5		10.0	ug/L	EPA 6010B	

Client ID: SW-9 — **Lab ID: C803870-10RE1**

Analyte	Results	Flag	MRL	Units	Method	Notes
Phosphorus	0.18		0.10	mg/L	EPA 365.4	

Client ID: SW-2 — **Lab ID: C803870-11**

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	2290		100	ug/L	EPA 6010B	
Barium	68.0		10.0	ug/L	EPA 6010B	
Boron	46.2	J	50.0	ug/L	EPA 6010B	
Calcium	32400	B	100	ug/L	EPA 6010B	
Chloride	54		5.0	mg/L	SM4500-Cl/E	
Fluoride	0.31		0.20	mg/L	EPA 300.0	
Iron	1440		50	ug/L	EPA 6010B	

Client ID: SW-2			Lab ID: C803870-11			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Magnesium	8350		100	ug/L	EPA 6010B	
Manganese	15.6		10.0	ug/L	EPA 6010B	
Nickel	3.4	J	10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.10	B	0.10	mg/L	EPA 353.2	J-01a
Potassium	5550	B	500	ug/L	EPA 6010B	
Sodium	23600		500	ug/L	EPA 6010B	
Sulfate as SO4	61		5.0	mg/L	EPA 300.0	
Total Alkalinity	30		15	mg/L	EPA 310.2	
Total Dissolved Solids	250		10	mg/L	EPA 160.1	
Total Suspended Solids	19		1.0	mg/L	EPA 160.2	
Vanadium	2.4	J	10.0	ug/L	EPA 6010B	
Zinc	6.8	J	10.0	ug/L	EPA 6010B	

Client ID: OFS			Lab ID: C803870-12			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Aluminum	7540		100	ug/L	EPA 6010B	
Barium	100		10.0	ug/L	EPA 6010B	
Boron	33.4	J	50.0	ug/L	EPA 6010B	
Calcium	50400	B	100	ug/L	EPA 6010B	
Cobalt	56.6		10.0	ug/L	EPA 6010B	
Fluoride	0.29		0.20	mg/L	EPA 300.0	
Iron	2350		50	ug/L	EPA 6010B	
Magnesium	10400		100	ug/L	EPA 6010B	
Manganese	422		10.0	ug/L	EPA 6010B	
Nickel	46.9		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.079	JB	0.10	mg/L	EPA 353.2	J-01a
Potassium	25500	B	500	ug/L	EPA 6010B	
Sodium	146000		500	ug/L	EPA 6010B	
Total Dissolved Solids	670		10	mg/L	EPA 160.1	
Total Suspended Solids	8.6		1.0	mg/L	EPA 160.2	
Zinc	89.7		10.0	ug/L	EPA 6010B	

Client ID: OFS			Lab ID: C803870-12RE1			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Chloride	320	D	10	mg/L	SM4500-Cl/E	
Sulfate as SO4	150	D	10	mg/L	EPA 300.0	

Client ID: SW-1			Lab ID: C803870-13			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Aluminum	899		100	ug/L	EPA 6010B	
Barium	62.7		10.0	ug/L	EPA 6010B	
Boron	53.4		50.0	ug/L	EPA 6010B	
Calcium	23800	B	100	ug/L	EPA 6010B	
Chloride	52		5.0	mg/L	SM4500-Cl/E	
Copper	0.90	J	10.0	ug/L	EPA 6010B	
Fluoride	0.16	J	0.20	mg/L	EPA 300.0	
Iron	789		50	ug/L	EPA 6010B	
Magnesium	4560		100	ug/L	EPA 6010B	
Manganese	11.8		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.38	B	0.10	mg/L	EPA 353.2	QB-01
Potassium	6350	B	500	ug/L	EPA 6010B	

Client ID: SW-1			Lab ID: C803870-13			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Sodium	21500		500	ug/L	EPA 6010B	
Sulfate as SO4	34		5.0	mg/L	EPA 300.0	
Total Alkalinity	19		15	mg/L	EPA 310.2	
Total Dissolved Solids	210		10	mg/L	EPA 160.1	
Total Suspended Solids	11		1.0	mg/L	EPA 160.2	
Vanadium	1.1	J	10.0	ug/L	EPA 6010B	
Zinc	8.9	J	10.0	ug/L	EPA 6010B	

Client ID: HA-1			Lab ID: C803870-14			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Aluminum	11200		6.5	mg/kg dry	EPA 6010B	
Aluminum	14.2		0.200	mg/L	EPA 6010B	
Aluminum	1.95		1.00	mg/L	EPA 6010B	
Antimony	0.95		0.65	mg/kg dry	EPA 6010B	
Arsenic	0.0613		0.0100	mg/L	EPA 6010B	
Arsenic	54.9		0.65	mg/kg dry	EPA 6010B	
Arsenic	0.0667	B	0.0500	mg/L	EPA 6010B	J-01
Barium	478		0.650	mg/kg dry	EPA 6010B	
Barium	0.808	B	0.0500	mg/L	EPA 6010B	QB-01
Barium	0.0613		0.0100	mg/L	EPA 6010B	
Beryllium	0.0002	J	0.0010	mg/L	EPA 6010B	
Beryllium	3.19		0.065	mg/kg dry	EPA 6010B	
Beryllium	0.0037	J	0.0050	mg/L	EPA 6010B	
Boron	0.214	B	0.0500	mg/L	EPA 6010B	QB-01
Boron	1.23	B	0.250	mg/L	EPA 6010B	QB-01
Boron	36.8		3.25	mg/kg dry	EPA 6010B	
Cadmium	0.0004	J	0.0010	mg/L	EPA 6010B	
Cadmium	0.0015	J	0.0050	mg/L	EPA 6010B	
Calcium	12200		32.5	mg/kg dry	EPA 6010B	
Calcium	446	B	2.50	mg/L	EPA 6010B	QB-01
Calcium	47.4	B	0.100	mg/L	EPA 6010B	QB-01
Chromium	18.7		0.65	mg/kg dry	EPA 6010B	
Chromium	0.0316	J	0.0500	mg/L	EPA 6010B	
Chromium	0.0223		0.0100	mg/L	EPA 6010B	
Cobalt	0.0269	J	0.0500	mg/L	EPA 6010B	
Cobalt	10.1		0.65	mg/kg dry	EPA 6010B	
Copper	35.3		0.650	mg/kg dry	EPA 6010B	
Iron	10500	B	3.3	mg/kg dry	EPA 6010B	
Iron	0.0648	J	0.250	mg/L	EPA 6010B	
Lead	14.1	B	0.65	mg/kg dry	EPA 6010B	
Lead	0.0209	J	0.0500	mg/L	EPA 6010B	
Magnesium	1200		6.5	mg/kg dry	EPA 6010B	
Magnesium	11.9	B	2.50	mg/L	EPA 6010B	QB-01
Magnesium	0.119	JB	0.500	mg/L	EPA 6010B	J-01
Manganese	63.9	B	0.650	mg/kg dry	EPA 6010B	
Manganese	0.248		0.0500	mg/L	EPA 6010B	
Mercury	0.27		0.01	mg/kg dry	EPA 7471A	
Molybdenum	0.66		0.65	mg/kg dry	EPA 6010B	
Molybdenum	0.156		0.0500	mg/L	EPA 6010B	
Molybdenum	0.129		0.0100	mg/L	EPA 6010B	
Nickel	0.0560	JB	0.250	mg/L	EPA 6010B	QB-01
Nickel	19.0		0.65	mg/kg dry	EPA 6010B	

Client ID: HA-1	Lab ID: C803870-14					
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Nitrate/Nitrite as N	0.91	J	1.3	mg/kg dry	EPA 353.2	
Potassium	2080		32.5	mg/kg dry	EPA 6010B	
Selenium	0.0739		0.0100	mg/L	EPA 6010B	
Selenium	0.152	B	0.0500	mg/L	EPA 6010B	J-01
Selenium	8.86		0.65	mg/kg dry	EPA 6010B	
Sodium	1330		33	mg/kg dry	EPA 6010B	
Sulfate as SO4	410		65	mg/kg dry wt. dry	EPA 9056	Q
Total Alkalinity	2000	B	200	mg/kg dry	EPA 310.2	QB-01
Vanadium	55.1		0.650	mg/kg dry	EPA 6010B	
Vanadium	0.0526		0.0500	mg/L	EPA 6010B	
Vanadium	0.0862		0.0100	mg/L	EPA 6010B	
Zinc	0.0489	JB	0.100	mg/L	EPA 6010B	J-01
Zinc	24.1	B	0.650	mg/kg dry	EPA 6010B	

Client ID: HA-1	Lab ID: C803870-14RE1					
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Chloride	1700	D	130	mg/kg dry wt. dry	EPA 9056	Q
Potassium	17.4	B	2.50	mg/L	EPA 6010B	QB-01
Potassium	7.37		0.500	mg/L	EPA 6010B	
Sodium	1360	B	2.50	mg/L	EPA 6010B	J-01
Sodium	36.0	B	0.500	mg/L	EPA 6010B	J-01

Client ID: HA-1	Lab ID: C803870-14RE2					
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Antimony	0.0143	J	0.0200	mg/L	EPA 6010B	
Antimony	0.0343	J	0.100	mg/L	EPA 6010B	

Client ID: HA-2	Lab ID: C803870-15					
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Aluminum	0.381	J	1.00	mg/L	EPA 6010B	
Aluminum	12900		7.0	mg/kg dry	EPA 6010B	
Aluminum	19.7		0.200	mg/L	EPA 6010B	
Antimony	1.06		0.70	mg/kg dry	EPA 6010B	
Arsenic	0.0305	JB	0.0500	mg/L	EPA 6010B	J-01
Arsenic	0.0178		0.0100	mg/L	EPA 6010B	
Arsenic	39.8		0.70	mg/kg dry	EPA 6010B	
Barium	346		0.699	mg/kg dry	EPA 6010B	
Barium	0.0821		0.0100	mg/L	EPA 6010B	
Barium	0.918	B	0.0500	mg/L	EPA 6010B	QB-01
Beryllium	2.67		0.070	mg/kg dry	EPA 6010B	
Beryllium	0.0010	J	0.0050	mg/L	EPA 6010B	
Boron	0.310	B	0.0500	mg/L	EPA 6010B	QB-01
Boron	2.02	B	0.250	mg/L	EPA 6010B	QB-01
Boron	55.7		3.50	mg/kg dry	EPA 6010B	
Cadmium	0.0012	J	0.0050	mg/L	EPA 6010B	
Calcium	65.0	B	0.100	mg/L	EPA 6010B	QB-01
Calcium	578	B	2.50	mg/L	EPA 6010B	QB-01
Calcium	17100		35.0	mg/kg dry	EPA 6010B	
Chromium	0.0186		0.0100	mg/L	EPA 6010B	
Chromium	21.2		0.70	mg/kg dry	EPA 6010B	

Client ID: HA-2			Lab ID: C803870-15			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Chromium	0.0300	J	0.0500	mg/L	EPA 6010B	
Cobalt	0.0226	J	0.0500	mg/L	EPA 6010B	
Cobalt	10.3		0.70	mg/kg dry	EPA 6010B	
Copper	36.7		0.699	mg/kg dry	EPA 6010B	
Iron	10100	B	3.5	mg/kg dry	EPA 6010B	
Lead	15.3	B	0.70	mg/kg dry	EPA 6010B	
Lead	0.0170	J	0.0500	mg/L	EPA 6010B	
Magnesium	1680		7.0	mg/kg dry	EPA 6010B	
Manganese	80.9	B	0.699	mg/kg dry	EPA 6010B	
Manganese	0.299		0.0500	mg/L	EPA 6010B	
Mercury	0.34		0.01	mg/kg dry	EPA 7471A	
Molybdenum	2.49		0.70	mg/kg dry	EPA 6010B	
Molybdenum	0.135		0.0100	mg/L	EPA 6010B	
Molybdenum	0.258		0.0500	mg/L	EPA 6010B	
Nickel	20.7		0.70	mg/kg dry	EPA 6010B	
Nickel	0.0503	JB	0.250	mg/L	EPA 6010B	QB-01
Nitrate/Nitrite as N	0.78	J	1.4	mg/kg dry	EPA 353.2	
Potassium	2120		35.0	mg/kg dry	EPA 6010B	
Selenium	0.179	B	0.0500	mg/L	EPA 6010B	J-01
Selenium	0.0550		0.0100	mg/L	EPA 6010B	
Selenium	9.49		0.70	mg/kg dry	EPA 6010B	
Sodium	2310		35	mg/kg dry	EPA 6010B	
Sulfate as SO4	540		70	mg/kg dry wt. dry	EPA 9056	Q
Thallium	0.0036	J	0.0100	mg/L	EPA 6010B	
Total Alkalinity	2300	B	210	mg/kg dry	EPA 310.2	QB-01
Vanadium	61.9		0.699	mg/kg dry	EPA 6010B	
Vanadium	0.0716		0.0500	mg/L	EPA 6010B	
Vanadium	0.0495		0.0100	mg/L	EPA 6010B	
Zinc	29.6	B	0.699	mg/kg dry	EPA 6010B	
Zinc	0.0336	JB	0.100	mg/L	EPA 6010B	J-01

Client ID: HA-2			Lab ID: C803870-15RE1			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Chloride	3600	D	280	mg/kg dry wt. dry	EPA 9056	Q
Potassium	16.1		0.500	mg/L	EPA 6010B	
Potassium	24.4	B	2.50	mg/L	EPA 6010B	QB-01
Sodium	81.9	B	0.500	mg/L	EPA 6010B	J-01
Sodium	1400	B	2.50	mg/L	EPA 6010B	J-01

Client ID: HA-2			Lab ID: C803870-15RE2			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Antimony	0.0324	J	0.100	mg/L	EPA 6010B	
Antimony	0.0131	J	0.0200	mg/L	EPA 6010B	
Magnesium	0.119	JB	0.500	mg/L	EPA 6010B	J-01
Magnesium	21.2	B	2.50	mg/L	EPA 6010B	QB-01

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ANALYTICAL RESULTS

Description: SW-4
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-01
Sampled: 04/22/08 14:45
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**4810**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Antimony [7440-36-0] ^	**3.4**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Barium [7440-39-3] ^	**89.5**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Boron [7440-42-8] ^	**40.7**	J	ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Calcium [7440-70-2] ^	**38600**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Cobalt [7440-48-4] ^	**37.1**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Copper [7440-50-8] ^	**2.20**	J	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Iron [7439-89-6] ^	**2970**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Magnesium [7439-95-4] ^	**7660**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Manganese [7439-96-5] ^	**285**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
ercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8E05001	EPA 7470A	05/06/08 16:05	MPL	
olybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Nickel [7440-02-0] ^	**27.7**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Potassium [7440-09-7] ^	**24400**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Silver [7440-22-4] ^	**2.9**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Sodium [7440-23-5] ^	**128000**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Thallium [7440-28-0] ^	**6.2**	J	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	
Zinc [7440-66-6] ^	**48.6**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 12:50	VLO	

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	**250**	D	mg/L	2	0.96	10	8E05013	SM4500-Cl/E	05/05/08 15:05	PEV	
Fluoride [16984-48-8]	**0.24**		mg/L	1	0.04	0.20	8E06026	EPA 300.0	05/07/08 07:55	AJ	
Nitrate/Nitrite as N [NA]	**0.064**	JB	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:20	PEV	J-01a
Phosphorus [7723-14-0]	0.050	U	mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 12:40	PEV	
Sulfate as SO4 [14808-79-8]	**90**	D	mg/L	4	1.0	20	8E06026	EPA 300.0	05/08/08 03:47	AJ	
Total Alkalinity [NA]	4.7	U	mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:25	PEV	
Total Dissolved Solids [NA]	**530**		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	**20**		mg/L	1	1.0	1.0	8D25003	EPA 160.2	04/28/08 14:10	FLT	

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Description: SW-5
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-02
Sampled: 04/22/08 15:20
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**244**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Barium [7440-39-3] ^	**62.5**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Boron [7440-42-8] ^	**39.6**	J	ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Calcium [7440-70-2] ^	**55100**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Iron [7439-89-6] ^	**209**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Magnesium [7439-95-4] ^	**20000**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Manganese [7439-96-5] ^	**136**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8E05001	EPA 7470A	05/06/08 16:08	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Nickel [7440-02-0] ^	**8.4**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Potassium [7440-09-7] ^	**4780**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Sodium [7440-23-5] ^	**17000**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	
Zinc [7440-66-6] ^	**4.1**	J	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 12:57	VLO	

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Description: SW-5
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-02
Sampled: 04/22/08 15:20
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	**34**		mg/L	1	0.48	5.0	8E05013	SM4500-Cl/E	05/05/08 14:06	PEV	
Fluoride [16984-48-8]	**0.45**		mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/06/08 18:34	AJ	
Nitrate/Nitrite as N [NA]	**0.036**	JB	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:23	PEV	J-01a
Phosphorus [7723-14-0]	0.050	U	mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 12:45	PEV	
Sulfate as SO4 [14808-79-8]	**140**	D	mg/L	4	1.0	20	8E06016	EPA 300.0	05/08/08 02:18	AJ	
Total Alkalinity [NA]	**51**		mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:27	PEV	
Total Dissolved Solids [NA]	**340**		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	**7.0**		mg/L	1	1.0	1.0	8D25003	EPA 160.2	04/28/08 14:10	FLT	

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Description: SW-O
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-03
Sampled: 04/22/08 14:45
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**3860**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Barium [7440-39-3] ^	**86.0**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Boron [7440-42-8] ^	**38.1**	J	ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Calcium [7440-70-2] ^	**37800**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Cobalt [7440-48-4] ^	**32.5**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Iron [7439-89-6] ^	**2300**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Lead [7439-92-1] ^	**2.1**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Magnesium [7439-95-4] ^	**7460**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Manganese [7439-96-5] ^	**279**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8E05001	EPA 7470A	05/06/08 16:12	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Nickel [7440-02-0] ^	**27.4**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
tassium [7440-09-7] ^	**23100**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Sodium [7440-23-5] ^	**123000**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	
Zinc [7440-66-6] ^	**47.1**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:04	VLO	

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	**260**	D	mg/L	2	0.96	10	8E05013	SM4500-Cl/E	05/05/08 15:06	PEV	
Fluoride [16984-48-8]	**0.18**	J	mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/06/08 20:03	AJ	
Nitrate/Nitrite as N [NA]	**0.062**	JB	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:25	PEV	J-01a
Phosphorus [7723-14-0]	0.050	U	mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 12:47	PEV	
Sulfate as SO4 [14808-79-8]	**98**	D	mg/L	2	0.50	10	8E06016	EPA 300.0	05/08/08 00:19	AJ	
Total Alkalinity [NA]	4.7	U	mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:28	PEV	
Total Dissolved Solids [NA]	**550**		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	**22**		mg/L	1	1.0	1.0	8D25003	EPA 160.2	04/28/08 14:10	FLT	

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Description: SW-8
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-04
Sampled: 04/23/08 13:00
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**25100**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Arsenic [7440-38-2] ^	**2.6**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Barium [7440-39-3] ^	**130**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Boron [7440-42-8] ^	**34.2**	J	ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Calcium [7440-70-2] ^	**7730**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Chromium [7440-47-3] ^	**37.1**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Cobalt [7440-48-4] ^	**3.3**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Iron [7439-89-6] ^	**18200**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Lead [7439-92-1] ^	**7.0**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Magnesium [7439-95-4] ^	**3780**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Manganese [7439-96-5] ^	**33.2**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8D28012	EPA 7470A	04/29/08 11:52	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Nickel [7440-02-0] ^	**16.0**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
otassium [7440-09-7] ^	**2820**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Sodium [7440-23-5] ^	**2860**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Vanadium [7440-62-2] ^	**36.9**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	
Zinc [7440-66-6] ^	**28.5**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:11	VLO	

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Description: SW-8
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-04
Sampled: 04/23/08 13:00
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	4.6	J	mg/L	1	0.48	5.0	8E05013	SM4500-Cl/E	05/05/08 14:08	PEV	
Fluoride [16984-48-8]	0.29		mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/06/08 20:33	AJ	
Nitrate/Nitrite as N [NA]	0.17	B	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:27	PEV	J-01a
Phosphorus [7723-14-0]	0.29		mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 12:49	PEV	
Sulfate as SO4 [14808-79-8]	4.7	J	mg/L	1	0.25	5.0	8D29006	EPA 300.0	04/30/08 07:07	AJ	
Total Alkalinity [NA]	11	J	mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:29	PEV	
Total Dissolved Solids [NA]	350		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	23		mg/L	1	1.0	1.0	8D28008	EPA 160.2	04/29/08 14:15	FLT	

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Description: OFE
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-05
Sampled: 04/23/08 12:20
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**9900**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Arsenic [7440-38-2] ^	**2.1**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Barium [7440-39-3] ^	**79.8**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Boron [7440-42-8] ^	**50.7**		ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Calcium [7440-70-2] ^	**19600**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Chromium [7440-47-3] ^	**12.4**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Copper [7440-50-8] ^	**1.40**	J	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Iron [7439-89-6] ^	**6670**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Lead [7439-92-1] ^	**3.1**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Magnesium [7439-95-4] ^	**6650**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Manganese [7439-96-5] ^	**24.7**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8D28012	EPA 7470A	04/29/08 11:55	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Nickel [7440-02-0] ^	**6.5**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
otassium [7440-09-7] ^	**3960**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 13:18	VLO	
elenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Sodium [7440-23-5] ^	**9840**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Vanadium [7440-62-2] ^	**15.0**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	
Zinc [7440-66-6] ^	**46.4**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:18	VLO	

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Description: OFE
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-05
Sampled: 04/23/08 12:20
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	18		mg/L	1	0.48	5.0	8E05013	SM4500-Cl/E	05/05/08 14:08	PEV	
Fluoride [16984-48-8]	0.38		mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/06/08 21:02	AJ	
Nitrate/Nitrite as N [NA]	0.30	B	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:29	PEV	J-01a
Phosphorus [7723-14-0]	0.14		mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 12:51	PEV	
Sulfate as SO4 [14808-79-8]	31		mg/L	1	0.25	5.0	8D29006	EPA 300.0	04/30/08 07:42	AJ	
Total Alkalinity [NA]	25		mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:30	PEV	
Total Dissolved Solids [NA]	240		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	57		mg/L	1	1.0	1.0	8D28008	EPA 160.2	04/29/08 14:15	FLT	

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Description: SW-3
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-06
Sampled: 04/22/08 14:00
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**7380**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Barium [7440-39-3] ^	**97.7**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Boron [7440-42-8] ^	**32.5**	J	ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Calcium [7440-70-2] ^	**49000**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Cobalt [7440-48-4] ^	**54.8**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Iron [7439-89-6] ^	**2320**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Magnesium [7439-95-4] ^	**10100**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Manganese [7439-96-5] ^	**412**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8E05001	EPA 7470A	05/06/08 16:16	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Nickel [7440-02-0] ^	**46.5**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Potassium [7440-09-7] ^	**25200**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Sodium [7440-23-5] ^	**143000**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	
Zinc [7440-66-6] ^	**88.7**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:39	VLO	

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	**290**	D	mg/L	2	0.96	10	8E05013	SM4500-Cl/E	05/05/08 15:07	PEV	
Fluoride [16984-48-8]	**0.32**		mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/06/08 21:32	AJ	
Nitrate/Nitrite as N [NA]	**0.083**	JB	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:31	PEV	J-01a
Phosphorus [7723-14-0]	0.050	U	mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 12:52	PEV	
Sulfate as SO4 [14808-79-8]	**160**	D	mg/L	2	0.50	10	8E06016	EPA 300.0	05/08/08 01:48	AJ	
Total Alkalinity [NA]	4.7	U	mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:31	PEV	
Total Dissolved Solids [NA]	**690**		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	**7.2**		mg/L	1	1.0	1.0	8D25003	EPA 160.2	04/28/08 14:10	FLT	

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Description: OFB
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-07
Sampled: 04/22/08 14:10
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	50	U	ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Barium [7440-39-3] ^	**0.30**	J	ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Boron [7440-42-8] ^	4.0	U	ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Calcium [7440-70-2] ^	**64.9**	JB	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Copper [7440-50-8] ^	**4.20**	J	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Iron [7439-89-6] ^	**60**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Magnesium [7439-95-4] ^	20	U	ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Manganese [7439-96-5] ^	1.4	U	ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8E05001	EPA 7470A	05/06/08 16:19	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
tassium [7440-09-7] ^	50	U	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Sodium [7440-23-5] ^	200	U	ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	
Zinc [7440-66-6] ^	**13.8**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:46	VLO	

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Description: OFB
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-07
Sampled: 04/22/08 14:10
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	**0.79**	J	mg/L	1	0.48	5.0	8E05013	SM4500-Cl/E	05/05/08 14:10	PEV	
Fluoride [16984-48-8]	0.04	U	mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/06/08 22:02	AJ	
Nitrate/Nitrite as N [NA]	**0.16**	B	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:33	PEV	J-01a
Phosphorus [7723-14-0]	0.050	U	mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 12:56	PEV	
Sulfate as SO4 [14808-79-8]	**1.4**	J	mg/L	1	0.25	5.0	8E06016	EPA 300.0	05/06/08 22:02	AJ	
Total Alkalinity [NA]	4.7	U	mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:32	PEV	
Total Dissolved Solids [NA]	**76**		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	**1.4**		mg/L	1	1.0	1.0	8D25003	EPA 160.2	04/28/08 14:10	FLT	

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Description: SW-6
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-08
Sampled: 04/23/08 11:37
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**15800**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Arsenic [7440-38-2] ^	**6.0**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Barium [7440-39-3] ^	**107**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Boron [7440-42-8] ^	**59.6**		ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Calcium [7440-70-2] ^	**18500**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Chromium [7440-47-3] ^	**18.8**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Iron [7439-89-6] ^	**11600**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Lead [7439-92-1] ^	**5.6**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Magnesium [7439-95-4] ^	**4300**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Manganese [7439-96-5] ^	**13.3**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8E05001	EPA 7470A	05/06/08 16:22	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Nickel [7440-02-0] ^	**8.4**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Potassium [7440-09-7] ^	**4990**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Sodium [7440-23-5] ^	**8550**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Vanadium [7440-62-2] ^	**24.6**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	
Zinc [7440-66-6] ^	**17.8**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:53	VLO	

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Description: SW-6
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-08
Sampled: 04/23/08 11:37
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	17		mg/L	1	0.48	5.0	8E05013	SM4500-Cl/E	05/05/08 14:10	PEV	
Fluoride [16984-48-8]	0.30		mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/06/08 22:31	AJ	
Nitrate/Nitrite as N [NA]	0.33	B	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:35	PEV	J-01a
Phosphorus [7723-14-0]	0.19		mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 12:57	PEV	
Sulfate as SO4 [14808-79-8]	18		mg/L	1	0.25	5.0	8E06016	EPA 300.0	05/06/08 22:31	AJ	
Total Alkalinity [NA]	26		mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:33	PEV	
Total Dissolved Solids [NA]	280		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	20		mg/L	1	1.0	1.0	8D28008	EPA 160.2	04/29/08 14:15	FLT	

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Description: SW-7
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-09
Sampled: 04/23/08 12:00
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**9870**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Barium [7440-39-3] ^	**79.1**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Boron [7440-42-8] ^	**50.6**		ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Calcium [7440-70-2] ^	**19500**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Chromium [7440-47-3] ^	**11.6**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Copper [7440-50-8] ^	**0.70**	J	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Iron [7439-89-6] ^	**6240**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Lead [7439-92-1] ^	**2.8**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Magnesium [7439-95-4] ^	**6630**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Manganese [7439-96-5] ^	**12.6**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8D28012	EPA 7470A	04/29/08 11:58	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Nickel [7440-02-0] ^	**6.4**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
ıtassium [7440-09-7] ^	**4060**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 13:25	VLO	
selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Sodium [7440-23-5] ^	**9520**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Vanadium [7440-62-2] ^	**14.1**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	
Zinc [7440-66-6] ^	**15.8**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:25	VLO	

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Description: SW-7
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-09
Sampled: 04/23/08 12:00
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	18		mg/L	1	0.48	5.0	8E05013	SM4500-Cl/E	05/05/08 14:11	PEV	
Fluoride [16984-48-8]	0.36		mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/07/08 00:00	AJ	
Nitrate/Nitrite as N [NA]	0.33	B	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:37	PEV	J-01a
Phosphorus [7723-14-0]	0.098	J	mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 12:59	PEV	
Sulfate as SO4 [14808-79-8]	32		mg/L	1	0.25	5.0	8D29006	EPA 300.0	04/30/08 08:17	AJ	
Total Alkalinity [NA]	25		mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:34	PEV	
Total Dissolved Solids [NA]	220		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	37		mg/L	1	1.0	1.0	8D28008	EPA 160.2	04/29/08 14:15	FLT	

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Description: SW-9
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-10
Sampled: 04/23/08 13:30
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**11000**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Arsenic [7440-38-2] ^	**4.5**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Barium [7440-39-3] ^	**74.1**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Boron [7440-42-8] ^	**34.5**	J	ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Calcium [7440-70-2] ^	**7240**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Chromium [7440-47-3] ^	**14.1**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Copper [7440-50-8] ^	**1.30**	J	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Iron [7439-89-6] ^	**7750**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Lead [7439-92-1] ^	**3.9**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Magnesium [7439-95-4] ^	**2330**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Manganese [7439-96-5] ^	**21.6**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8E05001	EPA 7470A	05/06/08 16:25	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Nickel [7440-02-0] ^	**6.1**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
[illegible]tassium [7440-09-7] ^	**2050**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 14:16	VLO	
[illegible]enium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Sodium [7440-23-5] ^	**2700**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Vanadium [7440-62-2] ^	**18.0**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	
Zinc [7440-66-6] ^	**18.5**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 14:16	VLO	

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Description: SW-9
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-10
Sampled: 04/23/08 13:30
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	5.6		mg/L	1	0.48	5.0	8E05013	SM4500-Cl/E	05/05/08 14:11	PEV	
Fluoride [16984-48-8]	0.19	J	mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/07/08 00:30	AJ	
Nitrate/Nitrite as N [NA]	0.085	JB	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:40	PEV	J-01a
Phosphorus [7723-14-0]	0.18		mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 17:25	PEV	
Sulfate as SO4 [14808-79-8]	5.5		mg/L	1	0.25	5.0	8E06016	EPA 300.0	05/07/08 00:30	AJ	
Total Alkalinity [NA]	20		mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:35	PEV	
Total Dissolved Solids [NA]	130		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	83		mg/L	1	1.0	1.0	8D28008	EPA 160.2	04/29/08 14:15	FLT	

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Description: SW-2
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-11
Sampled: 04/22/08 12:40
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**2290**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Barium [7440-39-3] ^	**68.0**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Boron [7440-42-8] ^	**46.2**	J	ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Calcium [7440-70-2] ^	**32400**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Iron [7439-89-6] ^	**1440**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Magnesium [7439-95-4] ^	**8350**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Manganese [7439-96-5] ^	**15.6**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8E05001	EPA 7470A	05/06/08 16:28	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Nickel [7440-02-0] ^	**3.4**	J	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Potassium [7440-09-7] ^	**5550**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Sodium [7440-23-5] ^	**23600**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Vanadium [7440-62-2] ^	**2.4**	J	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	
Zinc [7440-66-6] ^	**6.8**	J	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 14:23	VLO	

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Description: SW-2
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-11
Sampled: 04/22/08 12:40
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	**54**		mg/L	1	0.48	5.0	8E05013	SM4500-Cl/E	05/05/08 14:12	PEV	
Fluoride [16984-48-8]	**0.31**		mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/07/08 01:00	AJ	
Nitrate/Nitrite as N [NA]	**0.10**	B	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:44	PEV	J-01a
Phosphorus [7723-14-0]	0.050	U	mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 13:02	PEV	
Sulfate as SO4 [14808-79-8]	**61**		mg/L	1	0.25	5.0	8E06016	EPA 300.0	05/07/08 01:00	AJ	
Total Alkalinity [NA]	**30**		mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:36	PEV	
Total Dissolved Solids [NA]	**250**		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	**19**		mg/L	1	1.0	1.0	8D25003	EPA 160.2	04/28/08 14:10	FLT	

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Description: OFS
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-12
Sampled: 04/22/08 13:40
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**7540**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Barium [7440-39-3] ^	**100**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Boron [7440-42-8] ^	**33.4**	J	ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Calcium [7440-70-2] ^	**50400**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Cobalt [7440-48-4] ^	**56.6**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Copper [7440-50-8] ^	0.60	U	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Iron [7439-89-6] ^	**2350**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Magnesium [7439-95-4] ^	**10400**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Manganese [7439-96-5] ^	**422**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8D28012	EPA 7470A	04/29/08 12:01	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Nickel [7440-02-0] ^	**46.9**		ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Potassium [7440-09-7] ^	**25500**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Sodium [7440-23-5] ^	**146000**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	
Zinc [7440-66-6] ^	**89.7**		ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 13:32	VLO	

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	**320**	D	mg/L	2	0.96	10	8E05013	SM4500-Cl/E	05/05/08 15:08	PEV	
Fluoride [16984-48-8]	**0.29**		mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/07/08 01:29	AJ	
Nitrate/Nitrite as N [NA]	**0.079**	JB	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:45	PEV	J-01a
Phosphorus [7723-14-0]	0.050	U	mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 13:04	PEV	
Sulfate as SO4 [14808-79-8]	**150**	D	mg/L	2	0.50	10	8D29006	EPA 300.0	04/30/08 15:51	AJ	
Total Alkalinity [NA]	4.7	U	mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:37	PEV	
Total Dissolved Solids [NA]	**670**		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	**8.6**		mg/L	1	1.0	1.0	8D25003	EPA 160.2	04/28/08 14:10	FLT	

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Description: SW-1
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-13
Sampled: 04/22/08 11:53
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**899**		ug/L	1	50	100	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Barium [7440-39-3] ^	**62.7**		ug/L	1	0.20	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Boron [7440-42-8] ^	**53.4**		ug/L	1	4.0	50.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Calcium [7440-70-2] ^	**23800**	B	ug/L	1	7.0	100	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Copper [7440-50-8] ^	**0.90**	J	ug/L	1	0.60	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Iron [7439-89-6] ^	**789**		ug/L	1	20	50	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Magnesium [7439-95-4] ^	**4560**		ug/L	1	20	100	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Manganese [7439-96-5] ^	**11.8**		ug/L	1	1.4	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8E05001	EPA 7470A	05/06/08 16:32	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
tassium [7440-09-7] ^	**6350**	B	ug/L	1	50	500	8D28001	EPA 6010B	04/29/08 14:30	VLO	
elenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Sodium [7440-23-5] ^	**21500**		ug/L	1	200	500	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Vanadium [7440-62-2] ^	**1.1**	J	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	
Zinc [7440-66-6] ^	**8.9**	J	ug/L	1	1.0	10.0	8D28001	EPA 6010B	04/29/08 14:30	VLO	

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Description: SW-1
Matrix: Water
Project: Fly Ash

Lab Sample ID: C803870-13
Sampled: 04/22/08 11:53
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	**52**		mg/L	1	0.48	5.0	8E05013	SM4500-Cl/E	05/05/08 14:13	PEV	
Fluoride [16984-48-8]	**0.16**	J	mg/L	1	0.04	0.20	8E06016	EPA 300.0	05/07/08 01:59	AJ	
Nitrate/Nitrite as N [NA]	**0.38**	B	mg/L	1	0.022	0.10	8E04004	EPA 353.2	05/04/08 15:46	PEV	QB-01
Phosphorus [7723-14-0]	0.050	U	mg/L	1	0.050	0.10	8E05015	EPA 365.4	05/07/08 13:06	PEV	
Sulfate as SO4 [14808-79-8]	**34**		mg/L	1	0.25	5.0	8E06016	EPA 300.0	05/07/08 01:59	AJ	
Total Alkalinity [NA]	**19**		mg/L	1	4.7	15	8E05011	EPA 310.2	05/05/08 14:38	PEV	
Total Dissolved Solids [NA]	**210**		mg/L	1	10	10	8D25009	EPA 160.1	04/28/08 12:55	JOC	
Total Suspended Solids [NA]	**11**		mg/L	1	1.0	1.0	8D25003	EPA 160.2	04/28/08 14:10	FLT	

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Description: HA-1
Matrix: Soil
Project: Fly Ash

Lab Sample ID: C803870-14
Sampled: 04/23/08 14:10
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870
% Solids: 76.9

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	11200		mg/kg dry	1	2.7	6.5	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Antimony [7440-36-0] ^	0.95		mg/kg dry	1	0.14	0.65	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Arsenic [7440-38-2] ^	54.9		mg/kg dry	1	0.08	0.65	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Barium [7440-39-3] ^	478		mg/kg dry	1	0.065	0.650	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Beryllium [7440-41-7] ^	3.19		mg/kg dry	1	0.016	0.065	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Boron [7440-42-8] ^	36.8		mg/kg dry	1	0.33	3.25	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Cadmium [7440-43-9] ^	0.012	U	mg/kg dry	1	0.012	0.065	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Calcium [7440-70-2] ^	12200		mg/kg dry	1	7.28	32.5	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Chromium [7440-47-3] ^	18.7		mg/kg dry	1	0.07	0.65	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Cobalt [7440-48-4] ^	10.1		mg/kg dry	1	0.07	0.65	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Copper [7440-50-8] ^	35.3		mg/kg dry	1	0.247	0.650	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Iron [7439-89-6] ^	10500	B	mg/kg dry	1	0.6	3.3	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Lead [7439-92-1] ^	14.1	B	mg/kg dry	1	0.16	0.65	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Magnesium [7439-95-4] ^	1200		mg/kg dry	1	0.8	6.5	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Manganese [7439-96-5] ^	63.9	B	mg/kg dry	1	0.064	0.650	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Mercury [7439-97-6] ^	0.27		mg/kg dry	1	0.007	0.01	8E02002	EPA 7471A	05/06/08 08:48	MPL	
Molybdenum [7439-98-7] ^	0.66		mg/kg dry	1	0.08	0.65	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Nickel [7440-02-0] ^	19.0		mg/kg dry	1	0.47	0.65	8E02001	EPA 6010B	05/05/08 15:50	VLO	
otassium [7440-09-7] ^	2080		mg/kg dry	1	5.2	32.5	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Selenium [7782-49-2] ^	8.86		mg/kg dry	1	0.13	0.65	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Silver [7440-22-4] ^	0.07	U	mg/kg dry	1	0.07	0.65	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Sodium [7440-23-5] ^	1330		mg/kg dry	1	8	33	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Thallium [7440-28-0] ^	0.26	U	mg/kg dry	1	0.26	0.65	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Vanadium [7440-62-2] ^	55.1		mg/kg dry	1	0.065	0.650	8E02001	EPA 6010B	05/05/08 15:50	VLO	
Zinc [7440-66-6] ^	24.1	B	mg/kg dry	1	0.065	0.650	8E02001	EPA 6010B	05/05/08 15:50	VLO	

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	1700	D	mg/kg dry wt. dry	2	13	130	8E07032	EPA 9056	05/08/08 09:13	AJ	Q
Nitrate/Nitrite as N [NA]	0.91	J	mg/kg dry	1	0.22	1.3	8E08006	EPA 353.2	05/08/08 12:37	PEV	
Sulfate as SO4 [14808-79-8]	410		mg/kg dry wt. dry	1	6.5	65	8E07032	EPA 9056	05/08/08 06:15	AJ	Q
Total Alkalinity [NA]	2000	B	mg/kg dry	1	61	200	8E07029	EPA 310.2	05/07/08 18:10	PEV	QB-01

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Description: HA-1
Matrix: Soil
Project: Fly Ash

Lab Sample ID: C803870-14
Sampled: 04/23/08 14:10
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870
% Solids: 76.9

TCLP Metals by 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**1.95**		mg/L	1	0.220	1.00	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Antimony [7440-36-0] ^	**0.0343**	J	mg/L	1	0.0180	0.100	8D29019	EPA 6010B	05/07/08 17:30	ACV	
Arsenic [7440-38-2] ^	**0.0667**	B	mg/L	1	0.0180	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	J-01
Barium [7440-39-3] ^	**0.808**	B	mg/L	1	0.0014	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	QB-01
Beryllium [7440-41-7] ^	**0.0037**	J	mg/L	1	0.0009	0.0050	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Boron [7440-42-8] ^	**1.23**	B	mg/L	1	0.0500	0.250	8D29019	EPA 6010B	05/02/08 17:01	ACV	QB-01
Cadmium [7440-43-9] ^	**0.0015**	J	mg/L	1	0.0010	0.0050	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Calcium [7440-70-2] ^	**446**	B	mg/L	1	0.130	2.50	8D29019	EPA 6010B	05/02/08 17:01	ACV	QB-01
Chromium [7440-47-3] ^	**0.0316**	J	mg/L	1	0.0060	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Cobalt [7440-48-4] ^	**0.0269**	J	mg/L	1	0.0028	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Copper [7440-50-8] ^	0.0145	U	mg/L	1	0.0145	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Iron [7439-89-6] ^	**0.0648**	J	mg/L	1	0.0320	0.250	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Lead [7439-92-1] ^	**0.0209**	J	mg/L	1	0.0110	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Magnesium [7439-95-4] ^	**11.9**	B	mg/L	1	0.310	2.50	8D29019	EPA 6010B	05/02/08 17:01	ACV	QB-01
Manganese [7439-96-5] ^	**0.248**		mg/L	1	0.0009	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Mercury [7439-97-6] ^	0.00063	U	mg/L	1	0.00063	0.00200	8D29016	EPA 7470A	04/30/08 11:07	RBN	
Molybdenum [7439-98-7] ^	**0.156**		mg/L	1	0.0040	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Nickel [7440-02-0] ^	**0.0560**	JB	mg/L	1	0.0019	0.250	8D29019	EPA 6010B	05/02/08 17:01	ACV	QB-01
tassium [7440-09-7] ^	**17.4**	B	mg/L	1	0.155	2.50	8D29019	EPA 6010B	05/05/08 21:06	ACV	QB-01
elenium [7782-49-2] ^	**0.152**	B	mg/L	1	0.0175	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	J-01
Silver [7440-22-4] ^	0.0020	U	mg/L	1	0.0020	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Sodium [7440-23-5] ^	**1360**	B	mg/L	1	0.0490	2.50	8D29019	EPA 6010B	05/05/08 21:06	ACV	J-01
Thallium [7440-28-0] ^	0.0170	U	mg/L	1	0.0170	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Vanadium [7440-62-2] ^	**0.0526**		mg/L	1	0.0022	0.0500	8D29019	EPA 6010B	05/02/08 17:01	ACV	
Zinc [7440-66-6] ^	**0.0489**	JB	mg/L	1	0.0080	0.100	8D29019	EPA 6010B	05/02/08 17:01	ACV	J-01

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Description: HA-1
Matrix: Soil
Project: Fly Ash

Lab Sample ID: C803870-14
Sampled: 04/23/08 14:10
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870
% Solids: 76.9

SPLP Metals by 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**14.2**		mg/L	1	0.0440	0.200	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Antimony [7440-36-0] ^	**0.0143**	J	mg/L	1	0.0036	0.0200	8D29019	EPA 6010B	05/07/08 17:36	ACV	
Arsenic [7440-38-2] ^	**0.0613**		mg/L	1	0.0036	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Barium [7440-39-3] ^	**0.0613**		mg/L	1	0.0003	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Beryllium [7440-41-7] ^	**0.0002**	J	mg/L	1	0.0002	0.0010	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Boron [7440-42-8] ^	**0.214**	B	mg/L	1	0.0100	0.0500	8D29019	EPA 6010B	05/02/08 17:06	ACV	QB-01
Cadmium [7440-43-9] ^	**0.0004**	J	mg/L	1	0.0002	0.0010	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Calcium [7440-70-2] ^	**47.4**	B	mg/L	1	0.0070	0.100	8D29019	EPA 6010B	05/02/08 17:06	ACV	QB-01
Chromium [7440-47-3] ^	**0.0223**		mg/L	1	0.0012	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Cobalt [7440-48-4] ^	0.0020	U	mg/L	1	0.0020	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Copper [7440-50-8] ^	0.0029	U	mg/L	1	0.0029	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Iron [7439-89-6] ^	0.0064	U	mg/L	1	0.0064	0.0500	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Lead [7439-92-1] ^	0.0022	U	mg/L	1	0.0022	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Magnesium [7439-95-4] ^	**0.119**	JB	mg/L	1	0.0620	0.500	8D29019	EPA 6010B	05/02/08 17:06	ACV	J-01
Manganese [7439-96-5] ^	0.0002	U	mg/L	1	0.0002	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Mercury [7439-97-6] ^	0.000063	U	mg/L	1	0.000063	0.00020	8D29016	EPA 7470A	04/30/08 11:09	RBN	
Molybdenum [7439-98-7] ^	**0.129**		mg/L	1	0.0008	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Nickel [7440-02-0] ^	0.0004	U	mg/L	1	0.0004	0.0500	8D29019	EPA 6010B	05/02/08 17:06	ACV	
tassium [7440-09-7] ^	**7.37**		mg/L	1	0.031	0.500	8D29019	EPA 6010B	05/05/08 21:12	ACV	
elenium [7782-49-2] ^	**0.0739**		mg/L	1	0.0035	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Silver [7440-22-4] ^	0.0004	U	mg/L	1	0.0004	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Sodium [7440-23-5] ^	**36.0**	B	mg/L	1	0.0098	0.500	8D29019	EPA 6010B	05/05/08 21:12	ACV	J-01
Thallium [7440-28-0] ^	0.0034	U	mg/L	1	0.0034	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Vanadium [7440-62-2] ^	**0.0862**		mg/L	1	0.0004	0.0100	8D29019	EPA 6010B	05/02/08 17:06	ACV	
Zinc [7440-66-6] ^	0.0016	U	mg/L	1	0.0016	0.0200	8D29019	EPA 6010B	05/02/08 17:06	ACV	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: HA-2
Matrix: Soil
Project: Fly Ash

Lab Sample ID: C803870-15
Sampled: 04/23/08 14:30
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870
% Solids: 71.5

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	12900		mg/kg dry	1	2.9	7.0	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Antimony [7440-36-0] ^	1.06		mg/kg dry	1	0.15	0.70	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Arsenic [7440-38-2] ^	39.8		mg/kg dry	1	0.09	0.70	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Barium [7440-39-3] ^	346		mg/kg dry	1	0.070	0.699	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Beryllium [7440-41-7] ^	2.67		mg/kg dry	1	0.017	0.070	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Boron [7440-42-8] ^	55.7		mg/kg dry	1	0.35	3.50	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Cadmium [7440-43-9] ^	0.013	U	mg/kg dry	1	0.013	0.070	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Calcium [7440-70-2] ^	17100		mg/kg dry	1	7.83	35.0	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Chromium [7440-47-3] ^	21.2		mg/kg dry	1	0.08	0.70	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Cobalt [7440-48-4] ^	10.3		mg/kg dry	1	0.07	0.70	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Copper [7440-50-8] ^	36.7		mg/kg dry	1	0.266	0.699	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Iron [7439-89-6] ^	10100	B	mg/kg dry	1	0.7	3.5	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Lead [7439-92-1] ^	15.3	B	mg/kg dry	1	0.17	0.70	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Magnesium [7439-95-4] ^	1680		mg/kg dry	1	0.9	7.0	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Manganese [7439-96-5] ^	80.9	B	mg/kg dry	1	0.069	0.699	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Mercury [7439-97-6] ^	0.34		mg/kg dry	1	0.007	0.01	8E02002	EPA 7471A	05/06/08 09:01	MPL	
Molybdenum [7439-98-7] ^	2.49		mg/kg dry	1	0.09	0.70	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Nickel [7440-02-0] ^	20.7		mg/kg dry	1	0.50	0.70	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Potassium [7440-09-7] ^	2120		mg/kg dry	1	5.6	35.0	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Selenium [7782-49-2] ^	9.49		mg/kg dry	1	0.14	0.70	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Silver [7440-22-4] ^	0.07	U	mg/kg dry	1	0.07	0.70	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Sodium [7440-23-5] ^	2310		mg/kg dry	1	8	35	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Thallium [7440-28-0] ^	0.28	U	mg/kg dry	1	0.28	0.70	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Vanadium [7440-62-2] ^	61.9		mg/kg dry	1	0.070	0.699	8E02001	EPA 6010B	05/05/08 16:14	VLO	
Zinc [7440-66-6] ^	29.6	B	mg/kg dry	1	0.070	0.699	8E02001	EPA 6010B	05/05/08 16:14	VLO	

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	3600	D	mg/kg dry wt. dry	4	28	280	8E07032	EPA 9056	05/08/08 09:43	AJ	Q
Nitrate/Nitrite as N [NA]	0.78	J	mg/kg dry	1	0.24	1.4	8E08006	EPA 353.2	05/08/08 12:43	PEV	
Sulfate as SO4 [14808-79-8]	540		mg/kg dry wt. dry	1	7.0	70	8E07032	EPA 9056	05/08/08 07:44	AJ	Q
Total Alkalinity [NA]	2300	B	mg/kg dry	1	66	210	8E07029	EPA 310.2	05/07/08 18:11	PEV	QB-01

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Description: HA-2
Matrix: Soil
Project: Fly Ash

Lab Sample ID: C803870-15
Sampled: 04/23/08 14:30
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870
% Solids: 71.5

TCLP Metals by 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**0.381**	J	mg/L	1	0.220	1.00	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Antimony [7440-36-0] ^	**0.0324**	J	mg/L	1	0.0180	0.100	8D29019	EPA 6010B	05/07/08 17:59	ACV	
Arsenic [7440-38-2] ^	**0.0305**	JB	mg/L	1	0.0180	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	J-01
Barium [7440-39-3] ^	**0.918**	B	mg/L	1	0.0014	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	QB-01
Beryllium [7440-41-7] ^	**0.0010**	J	mg/L	1	0.0009	0.0050	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Boron [7440-42-8] ^	**2.02**	B	mg/L	1	0.0500	0.250	8D29019	EPA 6010B	05/02/08 17:26	ACV	QB-01
Cadmium [7440-43-9] ^	**0.0012**	J	mg/L	1	0.0010	0.0050	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Calcium [7440-70-2] ^	**578**	B	mg/L	1	0.130	2.50	8D29019	EPA 6010B	05/02/08 17:26	ACV	QB-01
Chromium [7440-47-3] ^	**0.0300**	J	mg/L	1	0.0060	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Cobalt [7440-48-4] ^	**0.0226**	J	mg/L	1	0.0028	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Copper [7440-50-8] ^	0.0145	U	mg/L	1	0.0145	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Iron [7439-89-6] ^	0.0320	U	mg/L	1	0.0320	0.250	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Lead [7439-92-1] ^	**0.0170**	J	mg/L	1	0.0110	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Magnesium [7439-95-4] ^	**21.2**	B	mg/L	1	0.310	2.50	8D29019	EPA 6010B	05/07/08 17:59	ACV	QB-01
Manganese [7439-96-5] ^	**0.299**		mg/L	1	0.0009	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Mercury [7439-97-6] ^	0.00063	U	mg/L	1	0.00063	0.00200	8D29016	EPA 7470A	04/30/08 11:10	RBN	
Molybdenum [7439-98-7] ^	**0.258**		mg/L	1	0.0040	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Nickel [7440-02-0] ^	**0.0503**	JB	mg/L	1	0.0019	0.250	8D29019	EPA 6010B	05/02/08 17:26	ACV	QB-01
tassium [7440-09-7] ^	**24.4**	B	mg/L	1	0.155	2.50	8D29019	EPA 6010B	05/05/08 21:18	ACV	QB-01
selenium [7782-49-2] ^	**0.179**	B	mg/L	1	0.0175	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	J-01
Silver [7440-22-4] ^	0.0020	U	mg/L	1	0.0020	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Sodium [7440-23-5] ^	**1400**	B	mg/L	1	0.0490	2.50	8D29019	EPA 6010B	05/05/08 21:18	ACV	J-01
Thallium [7440-28-0] ^	0.0170	U	mg/L	1	0.0170	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Vanadium [7440-62-2] ^	**0.0716**		mg/L	1	0.0022	0.0500	8D29019	EPA 6010B	05/02/08 17:26	ACV	
Zinc [7440-66-6] ^	**0.0336**	JB	mg/L	1	0.0080	0.100	8D29019	EPA 6010B	05/02/08 17:26	ACV	J-01

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Description: HA-2
Matrix: Soil
Project: Fly Ash

Lab Sample ID: C803870-15
Sampled: 04/23/08 14:30
Sampled By: Mike Iwashchenko

Received: 04/24/08 10:30
Work Order: C803870
% Solids: 71.5

SPLP Metals by 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**19.7**		mg/L	1	0.0440	0.200	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Antimony [7440-36-0] ^	**0.0131**	J	mg/L	1	0.0036	0.0200	8D29019	EPA 6010B	05/07/08 18:04	ACV	
Arsenic [7440-38-2] ^	**0.0178**		mg/L	1	0.0036	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Barium [7440-39-3] ^	**0.0821**		mg/L	1	0.0003	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Beryllium [7440-41-7] ^	0.0002	U	mg/L	1	0.0002	0.0010	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Boron [7440-42-8] ^	**0.310**	B	mg/L	1	0.0100	0.0500	8D29019	EPA 6010B	05/02/08 17:31	ACV	QB-01
Cadmium [7440-43-9] ^	0.0002	U	mg/L	1	0.0002	0.0010	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Calcium [7440-70-2] ^	**65.0**	B	mg/L	1	0.0070	0.100	8D29019	EPA 6010B	05/02/08 17:31	ACV	QB-01
Chromium [7440-47-3] ^	**0.0186**		mg/L	1	0.0012	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Cobalt [7440-48-4] ^	0.0020	U	mg/L	1	0.0020	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Copper [7440-50-8] ^	0.0029	U	mg/L	1	0.0029	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Iron [7439-89-6] ^	0.0064	U	mg/L	1	0.0064	0.0500	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Lead [7439-92-1] ^	0.0022	U	mg/L	1	0.0022	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Magnesium [7439-95-4] ^	**0.119**	JB	mg/L	1	0.0620	0.500	8D29019	EPA 6010B	05/07/08 18:04	ACV	J-01
Manganese [7439-96-5] ^	0.0002	U	mg/L	1	0.0002	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Mercury [7439-97-6] ^	0.000063	U	mg/L	1	0.000063	0.00020	8D29016	EPA 7470A	04/30/08 11:15	RBN	
Molybdenum [7439-98-7] ^	**0.135**		mg/L	1	0.0008	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Nickel [7440-02-0] ^	0.0004	U	mg/L	1	0.0004	0.0500	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Potassium [7440-09-7] ^	**16.1**		mg/L	1	0.031	0.500	8D29019	EPA 6010B	05/05/08 21:24	ACV	
Selenium [7782-49-2] ^	**0.0550**		mg/L	1	0.0035	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Silver [7440-22-4] ^	0.0004	U	mg/L	1	0.0004	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Sodium [7440-23-5] ^	**81.9**	B	mg/L	1	0.0098	0.500	8D29019	EPA 6010B	05/05/08 21:24	ACV	J-01
Thallium [7440-28-0] ^	**0.0036**	J	mg/L	1	0.0034	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Vanadium [7440-62-2] ^	**0.0495**		mg/L	1	0.0004	0.0100	8D29019	EPA 6010B	05/02/08 17:31	ACV	
Zinc [7440-66-6] ^	0.0016	U	mg/L	1	0.0016	0.0200	8D29019	EPA 6010B	05/02/08 17:31	ACV	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8D28001 - EPA 3005A

Blank (8D28001-BLK1) Prepared: 04/28/2008 07:09 Analyzed: 04/29/2008 11:21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	50	U	100	ug/L							
Antimony	2.0	U	10.0	ug/L							
Arsenic	2.0	U	10.0	ug/L							
Barium	0.20	U	10.0	ug/L							
Beryllium	0.70	U	1.00	ug/L							
Boron	4.0	U	50.0	ug/L							
Cadmium	0.50	U	1.00	ug/L							
Calcium	**9.6**	**J**	100	ug/L							
Chromium	2.0	U	10.0	ug/L							
Cobalt	2.0	U	10.0	ug/L							
Copper	0.60	U	10.0	ug/L							
Iron	20	U	50	ug/L							
Lead	2.0	U	10.0	ug/L							
Magnesium	20	U	100	ug/L							
Manganese	1.4	U	10.0	ug/L							
Molybdenum	2.0	U	10.0	ug/L							
Nickel	2.0	U	10.0	ug/L							
Potassium	**119**	**J**	500	ug/L							
Selenium	2.0	U	10.0	ug/L							
Silver	2.0	U	10.0	ug/L							
Sodium	200	U	500	ug/L							
Thallium	4.0	U	10.0	ug/L							
Vanadium	1.0	U	10.0	ug/L							
Zinc	1.0	U	10.0	ug/L							

LCS (8D28001-BS1) Prepared: 04/28/2008 07:09 Analyzed: 04/29/2008 11:28

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	5040		100	ug/L	5000		101	77-130			
Antimony	249		10.0	ug/L	250		100	82-119			
Arsenic	513		10.0	ug/L	500		103	82-117			
Barium	523		10.0	ug/L	500		105	72-125			
Beryllium	262		1.00	ug/L	250		105	75-121			
Boron	522		50.0	ug/L	500		104	75-122			
Cadmium	261		1.00	ug/L	250		104	72-120			
Calcium	5080	B	100	ug/L	5000		102	81-111			
Chromium	509		10.0	ug/L	500		102	78-119			
Cobalt	508		10.0	ug/L	500		102	76-117			
Copper	259		10.0	ug/L	250		104	80-117			
Iron	5090		50	ug/L	5000		102	84-133			
Lead	513		10.0	ug/L	500		103	72-121			
Magnesium	5410		100	ug/L	5000		108	81-117			
Manganese	255		10.0	ug/L	250		102	76-123			
Molybdenum	239		10.0	ug/L	250		96	83-112			
Nickel	513		10.0	ug/L	500		103	78-116			
Potassium	24000	B	500	ug/L	25000		96	84-112			
Selenium	522		10.0	ug/L	500		104	82-127			
Silver	49.5		10.0	ug/L	50.0		99	80-128			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8D28001 - EPA 3005A

LCS (8D28001-BS1) Continued Prepared: 04/28/2008 07:09 Analyzed: 04/29/2008 11:28

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	23400		500	ug/L	25000		94	81-120			
Thallium	261		10.0	ug/L	250		104	79-118			
Vanadium	246		10.0	ug/L	250		99	78-117			
Zinc	510		10.0	ug/L	500		102	80-120			

Matrix Spike (8D28001-MS1) Prepared: 04/28/2008 07:09 Analyzed: 04/29/2008 11:44

Source: C802215-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	5130		100	ug/L	5000	108	100	78-125			
Antimony	253		10.0	ug/L	250	2.0 U	101	38-138			
Arsenic	509		10.0	ug/L	500	2.0 U	102	64-126			
Barium	538		10.0	ug/L	500	16.6	104	74-119			
Beryllium	260		1.00	ug/L	250	0.70 U	104	70-131			
Boron	520		50.0	ug/L	500	5.1	103	77-114			
Cadmium	260		1.00	ug/L	250	0.50 U	104	68-121			
Calcium	5130	B	100	ug/L	5000	96.4	101	63-131			
Chromium	505		10.0	ug/L	500	2.0 U	101	73-120			
Cobalt	514		10.0	ug/L	500	7.9	101	76-120			
Copper	261		10.0	ug/L	250	3.50	103	75-123			
Iron	5300		50	ug/L	5000	252	101	48-144			
Lead	509		10.0	ug/L	500	2.0 U	102	68-126			
Magnesium	5700		100	ug/L	5000	331	107	59-129			
Manganese	588		10.0	ug/L	250	304	113	55-146			
Molybdenum	240		10.0	ug/L	250	2.0 U	96	72-118			
Nickel	512		10.0	ug/L	500	3.2	102	64-126			
Potassium	25100	B	500	ug/L	25000	406	99	53-121			
Selenium	517		10.0	ug/L	500	2.0 U	103	65-129			
Silver	49.9		10.0	ug/L	50.0	2.0 U	100	69-121			
Sodium	30800		500	ug/L	25000	6290	98	29-171			
Thallium	257		10.0	ug/L	250	4.0 U	103	67-135			
Vanadium	242		10.0	ug/L	250	1.0 U	97	71-130			
Zinc	508		10.0	ug/L	500	3.1	101	63-131			

Matrix Spike Dup (8D28001-MSD1) Prepared: 04/28/2008 07:09 Analyzed: 04/29/2008 11:51

Source: C802215-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	5180		100	ug/L	5000	108	101	78-125	1	22	
Antimony	254		10.0	ug/L	250	2.0 U	102	38-138	0.4	30	
Arsenic	510		10.0	ug/L	500	2.0 U	102	64-126	0.1	12	
Barium	538		10.0	ug/L	500	16.6	104	74-119	0.04	11	
Beryllium	260		1.00	ug/L	250	0.70 U	104	70-131	0.08	21	
Boron	518		50.0	ug/L	500	5.1	102	77-114	0.6	11	
Cadmium	260		1.00	ug/L	250	0.50 U	104	68-121	0.08	12	
Calcium	5160	B	100	ug/L	5000	96.4	101	63-131	0.5	22	
Chromium	507		10.0	ug/L	500	2.0 U	101	73-120	0.3	10	
Cobalt	518		10.0	ug/L	500	7.9	102	76-120	0.8	17	

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8D28001 - EPA 3005A

Matrix Spike Dup (8D28001-MSD1) Continued Prepared: 04/28/2008 07:09 Analyzed: 04/29/2008 11:51

Source: C802215-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Copper	258		10.0	ug/L	250	3.50	102	75-123	1	16	
Iron	5310		50	ug/L	5000	252	101	48-144	0.3	23	
Lead	510		10.0	ug/L	500	2.0 U	102	68-126	0.06	19	
Magnesium	5720		100	ug/L	5000	331	108	59-129	0.5	22	
Manganese	546		10.0	ug/L	250	304	97	55-146	7	19	
Molybdenum	242		10.0	ug/L	250	2.0 U	97	72-118	0.7	12	
Nickel	512		10.0	ug/L	500	3.2	102	64-126	0.06	12	
Potassium	25900	B	500	ug/L	25000	406	102	53-121	3	20	
Selenium	520		10.0	ug/L	500	2.0 U	104	65-129	0.5	10	
Silver	50.0		10.0	ug/L	50.0	2.0 U	100	69-121	0.2	12	
Sodium	31700		500	ug/L	25000	6290	102	29-171	3	21	
Thallium	260		10.0	ug/L	250	4.0 U	104	67-135	1	13	
Vanadium	243		10.0	ug/L	250	1.0 U	97	71-130	0.3	16	
Zinc	511		10.0	ug/L	500	3.1	102	63-131	0.5	24	

Batch 8D28012 - EPA 7470A

Blank (8D28012-BLK1) Prepared: 04/28/2008 10:33 Analyzed: 04/29/2008 11:00

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.11	U	0.20	ug/L							

LCS (8D28012-BS1) Prepared: 04/28/2008 10:33 Analyzed: 04/29/2008 11:04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.84		0.20	ug/L	5.00		97	87-123			

Matrix Spike (8D28012-MS1) Prepared: 04/28/2008 10:33 Analyzed: 04/29/2008 11:11

Source: C802215-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.57		0.20	ug/L	5.00	0.20	87	63-132			

Matrix Spike Dup (8D28012-MSD1) Prepared: 04/28/2008 10:33 Analyzed: 04/29/2008 11:14

Source: C802215-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.53		0.20	ug/L	5.00	0.20	87	63-132	0.8	10	

Post Spike (8D28012-PS1) Prepared: 04/28/2008 10:33 Analyzed: 04/29/2008 11:18

Source: C802215-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.50		0.20	ug/L	5.00	0.20	86	0-200			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8E02001 - EPA 3050B

Blank (8E02001-BLK1) Prepared: 05/02/2008 07:08 Analyzed: 05/05/2008 15:33

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	2.1	U	5.0	mg/kg wet							
Manganese	**0.120**	**J**	0.500	mg/kg wet							
Antimony	0.11	U	0.50	mg/kg wet							
Arsenic	0.06	U	0.50	mg/kg wet							
Barium	0.050	U	0.500	mg/kg wet							
Beryllium	0.012	U	0.050	mg/kg wet							
Boron	0.25	U	2.50	mg/kg wet							
Cadmium	0.010	U	0.050	mg/kg wet							
Calcium	5.60	U	25.0	mg/kg wet							
Chromium	0.05	U	0.50	mg/kg wet							
Cobalt	0.05	U	0.50	mg/kg wet							
Copper	0.190	U	0.500	mg/kg wet							
Iron	**1.0**	**J**	2.5	mg/kg wet							
Lead	**0.12**	**J**	0.50	mg/kg wet							
Magnesium	0.6	U	5.0	mg/kg wet							
Molybdenum	0.06	U	0.50	mg/kg wet							
Nickel	0.36	U	0.50	mg/kg wet							
Potassium	4.0	U	25.0	mg/kg wet							
elenium	0.10	U	0.50	mg/kg wet							
Silver	0.05	U	0.50	mg/kg wet							
Sodium	6	U	25	mg/kg wet							
Thallium	0.20	U	0.50	mg/kg wet							
Vanadium	0.050	U	0.500	mg/kg wet							
Zinc	**0.195**	**J**	0.500	mg/kg wet							

LCS (8E02001-BS1) Prepared: 05/02/2008 07:08 Analyzed: 05/05/2008 15:41

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	257		5.0	mg/kg wet	250		103	80-120			
Manganese	13.2	B	0.500	mg/kg wet	12.5		106	85-115			
Antimony	12.9		0.50	mg/kg wet	12.5		104	85-116			
Arsenic	25.7		0.50	mg/kg wet	25.0		103	77-125			
Barium	27.1		0.500	mg/kg wet	25.0		108	76-124			
Beryllium	13.2		0.050	mg/kg wet	12.5		106	83-121			
Boron	25.3		2.50	mg/kg wet	25.0		101	85-115			
Cadmium	13.4		0.050	mg/kg wet	12.5		107	76-123			
Calcium	268		25.0	mg/kg wet	250		107	89-115			
Chromium	26.5		0.50	mg/kg wet	25.0		106	81-121			
Cobalt	26.2		0.50	mg/kg wet	25.0		105	86-115			
Copper	13.3		0.500	mg/kg wet	12.5		107	81-119			
Iron	265	B	2.5	mg/kg wet	250		106	79-111			
Lead	26.2	B	0.50	mg/kg wet	25.0		105	79-127			
Magnesium	260		5.0	mg/kg wet	250		104	86-115			
Molybdenum	12.9		0.50	mg/kg wet	12.5		103	79-121			
Nickel	26.5		0.50	mg/kg wet	25.0		106	80-118			
otassium	1220		25.0	mg/kg wet	1250		98	80-120			
Selenium	25.5		0.50	mg/kg wet	25.0		102	71-118			
Silver	2.44		0.50	mg/kg wet	2.50		98	78-128			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8E02001 - EPA 3050B

LCS (8E02001-BS1) Continued Prepared: 05/02/2008 07:08 Analyzed: 05/05/2008 15:41

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	1230		25	mg/kg wet	1250		99	86-108			
Thallium	13.0		0.50	mg/kg wet	12.5		104	86-111			
Vanadium	12.8		0.500	mg/kg wet	12.5		102	89-112			
Zinc	26.5	B	0.500	mg/kg wet	25.0		106	76-128			

Matrix Spike (8E02001-MS1) Prepared: 05/02/2008 07:08 Analyzed: 05/05/2008 15:57

Source: C803870-14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	12400		6.5	mg/kg dry	325	11200	370	35-172			QM-07
Manganese	77.3	B	0.650	mg/kg dry	16.3	63.9	82	75-125			
Antimony	5.23		0.65	mg/kg dry	16.3	0.95	26	52-147			QM-07
Arsenic	79.3		0.65	mg/kg dry	32.5	54.9	75	53-153			
Barium	491		0.650	mg/kg dry	32.5	478	40	46-120			QM-07
Beryllium	16.0		0.065	mg/kg dry	16.3	3.19	79	41-133			
Boron	60.1		3.25	mg/kg dry	32.5	36.8	72	97-103			QM-07
Cadmium	10.3		0.065	mg/kg dry	16.3	0.012 U	64	49-115			
Calcium	12000		32.5	mg/kg dry	325	12200	NR	71-121			QM-07
Chromium	43.1		0.65	mg/kg dry	32.5	18.7	75	19-142			
Cobalt	34.6		0.65	mg/kg dry	32.5	10.1	75	30-143			
Copper	49.4		0.650	mg/kg dry	16.3	35.3	87	35-137			
Iron	11100	B	3.3	mg/kg dry	325	10500	174	48-139			QM-07
Lead	38.5	B	0.65	mg/kg dry	32.5	14.1	75	48-121			
Magnesium	1480		6.5	mg/kg dry	325	1200	86	36-149			
Molybdenum	12.2		0.65	mg/kg dry	16.3	0.66	71	59-126			
Nickel	44.0		0.65	mg/kg dry	32.5	19.0	77	43-121			
Potassium	3620		32.5	mg/kg dry	1630	2080	95	70-135			
Selenium	32.4		0.65	mg/kg dry	32.5	8.86	73	43-126			
Silver	0.17	J	0.65	mg/kg dry	3.25	0.07 U	5	36-133			QM-07
Sodium	2650		33	mg/kg dry	1630	1330	81	45-159			
Thallium	8.97		0.65	mg/kg dry	16.3	0.26 U	55	58-118			QM-07
Vanadium	68.4		0.650	mg/kg dry	16.3	55.1	82	31-142			
Zinc	48.9	B	0.650	mg/kg dry	32.5	24.1	76	37-138			

Matrix Spike Dup (8E02001-MSD1) Prepared: 05/02/2008 07:08 Analyzed: 05/05/2008 16:05

Source: C803870-14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	12600		6.5	mg/kg dry	325	11200	422	35-172	1	32	QM-07
Manganese	78.9	B	0.650	mg/kg dry	16.3	63.9	92	75-125	2	20	
Antimony	4.84		0.65	mg/kg dry	16.3	0.95	24	52-147	8	28	QM-07
Arsenic	78.2		0.65	mg/kg dry	32.5	54.9	72	53-153	1	22	
Barium	490		0.650	mg/kg dry	32.5	478	39	46-120	0.07	16	QM-07
Beryllium	15.8		0.065	mg/kg dry	16.3	3.19	78	41-133	0.7	26	
Boron	59.6		3.25	mg/kg dry	32.5	36.8	70	97-103	0.8	23	QM-07
Cadmium	10.3		0.065	mg/kg dry	16.3	0.012 U	63	49-115	0.7	24	
Calcium	12000		32.5	mg/kg dry	325	12200	NR	71-121	0.4	19	QM-07
Chromium	43.1		0.65	mg/kg dry	32.5	18.7	75	19-142	0	24	

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8E02001 - EPA 3050B

Matrix Spike Dup (8E02001-MSD1) Continued Prepared: 05/02/2008 07:08 Analyzed: 05/05/2008 16:05

Source: C803870-14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Cobalt	34.6		0.65	mg/kg dry	32.5	10.1	75	30-143	0.04	17	
Copper	49.2		0.650	mg/kg dry	16.3	35.3	86	35-137	0.4	12	
Iron	11100	B	3.3	mg/kg dry	325	10500	164	48-139	0.3	38	QM-07
Lead	38.6	B	0.65	mg/kg dry	32.5	14.1	75	48-121	0.3	26	
Magnesium	1480		6.5	mg/kg dry	325	1200	88	36-149	0.5	23	
Molybdenum	11.9		0.65	mg/kg dry	16.3	0.66	69	59-126	2	21	
Nickel	44.3		0.65	mg/kg dry	32.5	19.0	78	43-121	0.8	14	
Potassium	3710		32.5	mg/kg dry	1630	2080	100	70-135	2	22	
Selenium	31.6		0.65	mg/kg dry	32.5	8.86	70	43-126	2	14	
Silver	0.19	J	0.65	mg/kg dry	3.25	0.07 U	6	36-133	11	20	QM-07
Sodium	2650		33	mg/kg dry	1630	1330	81	45-159	0.2	21	
Thallium	8.93		0.65	mg/kg dry	16.3	0.26 U	55	58-118	0.5	14	QM-07
Vanadium	69.1		0.650	mg/kg dry	16.3	55.1	86	31-142	1	16	
Zinc	50.0	B	0.650	mg/kg dry	32.5	24.1	79	37-138	2	19	

Batch 8E02002 - EPA 7470A

Blank (8E02002-BLK1) Prepared: 05/02/2008 07:13 Analyzed: 05/06/2008 08:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.005	U	0.01	mg/kg wet							

LCS (8E02002-BS1) Prepared: 05/02/2008 07:13 Analyzed: 05/06/2008 08:45

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.24		0.01	mg/kg wet	0.250		95	81-117			

Matrix Spike (8E02002-MS1) Prepared: 05/02/2008 07:13 Analyzed: 05/06/2008 08:50

Source: C803870-14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.55		0.01	mg/kg dry	0.325	0.27	86	75-125			

Matrix Spike Dup (8E02002-MSD1) Prepared: 05/02/2008 07:13 Analyzed: 05/06/2008 08:53

Source: C803870-14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.55		0.01	mg/kg dry	0.325	0.27	84	75-125	0.9	9	

Post Spike (8E02002-PS1) Prepared: 05/02/2008 07:13 Analyzed: 05/06/2008 08:56

Source: C803870-14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.007		0.0002	mg/L	0.00500	0.004	61	0-200			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8E05001 - EPA 7470A

Blank (8E05001-BLK1) Prepared: 05/05/2008 07:10 Analyzed: 05/06/2008 15:24

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.11	U	0.20	ug/L							

LCS (8E05001-BS1) Prepared: 05/05/2008 07:10 Analyzed: 05/06/2008 15:27

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.82		0.20	ug/L	5.00		96	87-123			

Matrix Spike (8E05001-MS1) Prepared: 05/05/2008 07:10 Analyzed: 05/06/2008 15:33
Source: C803366-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.75		0.20	ug/L	5.00	0.11 U	95	63-132			

Matrix Spike Dup (8E05001-MSD1) Prepared: 05/05/2008 07:10 Analyzed: 05/06/2008 15:36
Source: C803366-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
ercury	4.91		0.20	ug/L	5.00	0.11 U	98	63-132	3	10	

Post Spike (8E05001-PS1) Prepared: 05/05/2008 07:10 Analyzed: 05/06/2008 15:39
Source: C803366-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.36		0.20	ug/L	5.00	-0.03	88	0-200			

Classical Chemistry Parameters - Quality Control

Batch 8D25003 - NO PREP

Blank (8D25003-BLK1) Prepared: 04/25/2008 09:03 Analyzed: 04/28/2008 14:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	1.0	U	1.0	mg/L							

LCS (8D25003-BS1) Prepared: 04/25/2008 09:03 Analyzed: 04/28/2008 14:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	87		1.0	mg/L	80.0		109	82-119			

Duplicate (8D25003-DUP1) Prepared: 04/25/2008 09:03 Analyzed: 04/28/2008 14:10
Source: C803529-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
otal Suspended Solids	5800		1.0	mg/L		5600			2	10	

Batch 8D25009 - NO PREP

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8D25009 - NO PREP

Blank (8D25009-BLK1) Prepared: 04/25/2008 11:40 Analyzed: 04/28/2008 12:55

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	10	U	10	mg/L							

LCS (8D25009-BS1) Prepared: 04/25/2008 11:40 Analyzed: 04/28/2008 12:55

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	310		10	mg/L	300		102	90-110			

Duplicate (8D25009-DUP1) Prepared: 04/25/2008 11:40 Analyzed: 04/28/2008 12:55

Source: C803870-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	530		10	mg/L		530			0.4	10	

Batch 8D28008 - NO PREP

Blank (8D28008-BLK1) Prepared: 04/28/2008 10:35 Analyzed: 04/29/2008 14:15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	1.0	U	1.0	mg/L							

LCS (8D28008-BS1) Prepared: 04/28/2008 10:35 Analyzed: 04/29/2008 14:15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	84		1.0	mg/L	80.0		105	82-119			

Duplicate (8D28008-DUP1) Prepared: 04/28/2008 10:35 Analyzed: 04/29/2008 14:15

Source: C804303-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	18		1.0	mg/L		20			5	10	

Batch 8D29006 - NO PREP

Blank (8D29006-BLK1) Prepared: 04/29/2008 08:55 Analyzed: 04/29/2008 23:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	0.25	U	5.0	mg/L							

LCS (8D29006-BS1) Prepared: 04/29/2008 08:55 Analyzed: 04/29/2008 23:37

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	47		5.0	mg/L	50.0		93	90-110			

Matrix Spike (8D29006-MS1) Prepared: 04/29/2008 08:55 Analyzed: 04/30/2008 00:46

Source: C804235-02

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8D29006 - NO PREP

Matrix Spike (8D29006-MS1) Continued Prepared: 04/29/2008 08:55 Analyzed: 04/30/2008 00:46

Source: C804235-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	51		5.0	mg/L	50.0	3.8	95	90-110			

Matrix Spike Dup (8D29006-MSD1) Prepared: 04/29/2008 08:55 Analyzed: 04/30/2008 01:21

Source: C804235-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	52		5.0	mg/L	50.0	3.8	96	90-110	1	10	

Batch 8E04004 - NA

Blank (8E04004-BLK1) Prepared: 05/04/2008 08:38 Analyzed: 05/04/2008 15:08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	**0.037**	**J**	0.10	mg/L							

LCS (8E04004-BS1) Prepared: 05/04/2008 08:38 Analyzed: 05/04/2008 15:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.2	B	0.10	mg/L	1.25		99	80-120			

Matrix Spike (8E04004-MS1) Prepared: 05/04/2008 08:38 Analyzed: 05/04/2008 15:14

Source: C804191-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.4	B	0.10	mg/L	1.28	0.084	103	80-120			

Matrix Spike Dup (8E04004-MSD1) Prepared: 05/04/2008 08:38 Analyzed: 05/04/2008 15:16

Source: C804191-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.4	B	0.10	mg/L	1.28	0.084	99	80-120	4	25	

Batch 8E05011 - NO PREP

Blank (8E05011-BLK1) Prepared: 05/05/2008 08:51 Analyzed: 05/05/2008 14:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	4.7	U	15	mg/L							

LCS (8E05011-BS1) Prepared: 05/05/2008 08:51 Analyzed: 05/05/2008 14:24

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
ital Alkalinity	100		15	mg/L	100		101	80-120			

Matrix Spike (8E05011-MS1) Prepared: 05/05/2008 08:51 Analyzed: 05/05/2008 14:26

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8E05011 - NO PREP

Matrix Spike (8E05011-MS1) Continued Prepared: 05/05/2008 08:51 Analyzed: 05/05/2008 14:26

Source: C803870-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	91		15	mg/L	100	-7.2	98	80-120			

Matrix Spike Dup (8E05011-MSD1) Prepared: 05/05/2008 08:51 Analyzed: 05/05/2008 14:26

Source: C803870-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	90		15	mg/L	100	-7.2	97	80-120	1	25	

Batch 8E05013 - NO PREP

Blank (8E05013-BLK1) Prepared: 05/05/2008 08:54 Analyzed: 05/05/2008 14:01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	0.48	U	5.0	mg/L							

LCS (8E05013-BS1) Prepared: 05/05/2008 08:54 Analyzed: 05/05/2008 14:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	98		5.0	mg/L	100		98	80-120			

Matrix Spike (8E05013-MS1) Prepared: 05/05/2008 08:54 Analyzed: 05/05/2008 15:05

Source: C803870-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	230	E	5.0	mg/L	100	210	21	80-120			QM-16

Matrix Spike Dup (8E05013-MSD1) Prepared: 05/05/2008 08:54 Analyzed: 05/05/2008 15:06

Source: C803870-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	230	E	5.0	mg/L	100	210	16	80-120	2	25	QM-16

Batch 8E05015 - Same

Blank (8E05015-BLK1) Prepared: 05/06/2008 12:00 Analyzed: 05/07/2008 12:37

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	0.050	U	0.10	mg/L							

LCS (8E05015-BS1) Prepared: 05/06/2008 12:00 Analyzed: 05/07/2008 12:39

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
hosphorus	1.5		0.10	mg/L	1.60		92	80-120			

Matrix Spike (8E05015-MS1) Prepared: 05/06/2008 12:00 Analyzed: 05/07/2008 12:42

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8E05015 - Same

Matrix Spike (8E05015-MS1) Continued Prepared: 05/06/2008 12:00 Analyzed: 05/07/2008 12:42

Source: C803870-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	1.6		0.10	mg/L	1.60	0.050 U	99	80-120			

Matrix Spike Dup (8E05015-MSD1) Prepared: 05/06/2008 12:00 Analyzed: 05/07/2008 12:44

Source: C803870-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	1.6		0.10	mg/L	1.60	0.050 U	103	80-120	4	25	

Batch 8E06016 - NO PREP

Blank (8E06016-BLK1) Prepared: 05/06/2008 11:59 Analyzed: 05/06/2008 17:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	0.04	U	0.20	mg/L							
Sulfate as SO4	0.25	U	5.0	mg/L							

LCS (8E06016-BS1) Prepared: 05/06/2008 11:59 Analyzed: 05/06/2008 18:04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	1.0		0.20	mg/L	1.00		103	90-110			
Sulfate as SO4	47		5.0	mg/L	50.0		93	90-110			

LCS (8E06016-BS2) Prepared: 05/06/2008 11:59 Analyzed: 05/07/2008 22:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	1.0		0.20	mg/L	1.00		102	90-110			
Sulfate as SO4	46		5.0	mg/L	50.0		92	90-110			

Matrix Spike (8E06016-MS1) Prepared: 05/06/2008 11:59 Analyzed: 05/07/2008 23:20

Source: C803870-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	4.4	D	0.80	mg/L	4.00	0.45	99	90-110			
Sulfate as SO4	330	D	20	mg/L	200	160	82	90-110			QM-13

Matrix Spike Dup (8E06016-MSD1) Prepared: 05/06/2008 11:59 Analyzed: 05/07/2008 23:50

Source: C803870-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	4.5	D	0.80	mg/L	4.00	0.45	100	90-110	0.9	10	
Sulfate as SO4	320	D	20	mg/L	200	160	81	90-110	0.4	10	QM-13

Batch 8E06026 - NO PREP

Blank (8E06026-BLK1) Prepared: 05/06/2008 15:25 Analyzed: 05/06/2008 17:35

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8E06026 - NO PREP

Blank (8E06026-BLK1) Continued Prepared: 05/06/2008 15:25 Analyzed: 05/06/2008 17:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	0.04	U	0.20	mg/L							
Sulfate as SO4	0.25	U	5.0	mg/L							

LCS (8E06026-BS1) Prepared: 05/06/2008 15:25 Analyzed: 05/06/2008 18:04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	1.0		0.20	mg/L	1.00		103	90-110			
Sulfate as SO4	47		5.0	mg/L	50.0		93	90-110			

LCS (8E06026-BS2) Prepared: 05/06/2008 15:25 Analyzed: 05/07/2008 22:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	1.0		0.20	mg/L	1.00		102	90-110			
Sulfate as SO4	46		5.0	mg/L	50.0		92	90-110			

Matrix Spike (8E06026-MS1) Prepared: 05/06/2008 15:25 Analyzed: 05/08/2008 04:17
Source: C803870-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	4.2	D	0.80	mg/L	4.00	0.24	100	90-110			
Sulfate as SO4	280	D	20	mg/L	200	100	89	90-110			QM-13

Matrix Spike Dup (8E06026-MSD1) Prepared: 05/06/2008 15:25 Analyzed: 05/08/2008 04:46
Source: C803870-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	4.3	D	0.80	mg/L	4.00	0.24	102	90-110	2	10	
Sulfate as SO4	280	D	20	mg/L	200	100	89	90-110	0.06	10	QM-13

Batch 8E07029 - CE-81-1

Blank (8E07029-BLK1) Prepared: 05/07/2008 12:25 Analyzed: 05/07/2008 18:08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	**130**	**J**	150	mg/kg wet							

LCS (8E07029-BS1) Prepared: 05/07/2008 12:25 Analyzed: 05/07/2008 18:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	120	B	15	mg/L	100		121	80-120			

Matrix Spike (8E07029-MS1) Prepared: 05/07/2008 12:25 Analyzed: 05/07/2008 18:12
Source: C803870-15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	210	B	15	mg/L	100	170	41	80-120			QM-16

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8E07029 - CE-81-1

Matrix Spike Dup (8E07029-MSD1) Prepared: 05/07/2008 12:25 Analyzed: 05/07/2008 18:13

Source: C803870-15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	210	B	15	mg/L	100	170	42	80-120	0.5	25	QM-16

Batch 8E07032 - CE-81-1

Blank (8E07032-BLK1) Prepared: 05/07/2008 12:36 Analyzed: 05/08/2008 05:16

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	5.0	U	50	mg/kg dry wt. wet							
Sulfate as SO4	5.0	U	50	mg/kg dry wt. wet							

LCS (8E07032-BS1) Prepared: 05/07/2008 12:36 Analyzed: 05/08/2008 05:46

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	530		50	mg/kg dry wt. wet	500		107	90-110			
ılfate as SO4	460		50	mg/kg dry wt. wet	500		93	90-110			

Matrix Spike (8E07032-MS1) Prepared: 05/07/2008 12:36 Analyzed: 05/08/2008 08:14

Source: C803870-15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	4500	E	70	mg/kg dry wt. dry	559	4000	90	90-110			QM-02
Sulfate as SO4	1300		70	mg/kg dry wt. dry	559	540	131	90-110			QM-02

Matrix Spike Dup (8E07032-MSD1) Prepared: 05/07/2008 12:36 Analyzed: 05/08/2008 08:44

Source: C803870-15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	4500	E	70	mg/kg dry wt. dry	559	4000	86	90-110	0.4	10	QM-02
Sulfate as SO4	1300		70	mg/kg dry wt. dry	559	540	131	90-110	0.3	10	QM-02

Batch 8E08006 - NO PREP

Blank (8E08006-BLK1) Prepared: 05/08/2008 07:54 Analyzed: 05/08/2008 12:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	0.17	U	1.0	mg/kg wet							

LCS (8E08006-BS1) Prepared: 05/08/2008 07:54 Analyzed: 05/08/2008 12:34

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.3		0.10	mg/L	1.28		102	80-120			

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8E08006 - NO PREP

Matrix Spike (8E08006-MS1) Prepared: 05/08/2008 07:54 Analyzed: 05/08/2008 12:39

Source: C803870-14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.4		0.10	mg/L	1.32	0.07	103	80-120			

Matrix Spike Dup (8E08006-MSD1) Prepared: 05/08/2008 07:54 Analyzed: 05/08/2008 12:41

Source: C803870-14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.5		0.10	mg/L	1.32	0.07	109	80-120	5	25	

QUALITY CONTROL

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8D29016 - EPA 245.1

Blank (8D29016-BLK1) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:33

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
ercury	0.000063	U	0.00020	mg/L							

Blank (8D29016-BLK2) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00063	U	0.00200	mg/L							

Blank (8D29016-BLK3) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:44

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.000063	U	0.00020	mg/L							

LCS (8D29016-BS1) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:34

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00499		0.00020	mg/L	0.00500		100	85-115			

Matrix Spike (8D29016-MS1) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:36

Source: B802758-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0505		0.00200	mg/L	0.0500	0.00063 U	101	79-123			

Matrix Spike Dup (8D29016-MSD1) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:38

Source: B802758-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0496		0.00200	mg/L	0.0500	0.00063 U	99	79-123	2	10	

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QUALITY CONTROL

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8D29019 - EPA 3010A

Blank (8D29019-BLK1) Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 15:45

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	0.0440	U	0.200	mg/L							
Antimony	0.0036	U	0.0200	mg/L							
Arsenic	**0.0079**	**J**	0.0100	mg/L							
Barium	**0.0004**	**J**	0.0100	mg/L							
Beryllium	0.0002	U	0.0010	mg/L							
Boron	0.0100	U	0.0500	mg/L							
Cadmium	0.0002	U	0.0010	mg/L							
Calcium	0.0260	U	0.500	mg/L							
Chromium	0.0012	U	0.0100	mg/L							
Cobalt	0.0006	U	0.0100	mg/L							
Copper	0.0029	U	0.0100	mg/L							
Iron	0.0064	U	0.0500	mg/L							
Lead	0.0022	U	0.0100	mg/L							
Magnesium	0.0620	U	0.500	mg/L							
Manganese	0.0002	U	0.0100	mg/L							
Molybdenum	0.0008	U	0.0100	mg/L							
Nickel	0.0004	U	0.0500	mg/L							
Potassium	0.0310	U	0.500	mg/L							
Selenium	0.0035	U	0.0100	mg/L							
Silver	0.0004	U	0.0100	mg/L							
Sodium	0.0098	U	0.500	mg/L							
Thallium	0.0034	U	0.0100	mg/L							
Vanadium	0.0004	U	0.0100	mg/L							
Zinc	0.0016	U	0.0200	mg/L							

Blank (8D29019-BLK2) Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 15:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	0.220	U	1.00	mg/L							
Antimony	0.0180	U	0.100	mg/L							
Arsenic	0.0180	U	0.0500	mg/L							
Barium	**0.0232**	**J**	0.0500	mg/L							
Beryllium	0.0009	U	0.0050	mg/L							
Boron	**0.113**	**J**	0.250	mg/L							
Cadmium	0.0010	U	0.0050	mg/L							
Calcium	**4.65**		2.50	mg/L							
Chromium	0.0060	U	0.0500	mg/L							
Cobalt	0.0028	U	0.0500	mg/L							
Copper	0.0145	U	0.0500	mg/L							
Iron	0.0320	U	0.250	mg/L							
Lead	0.0110	U	0.0500	mg/L							
Magnesium	**0.735**	**J**	2.50	mg/L							
Manganese	0.0009	U	0.0500	mg/L							
Molybdenum	0.0040	U	0.0500	mg/L							
Nickel	**0.0041**	**J**	0.250	mg/L							
Potassium	**0.336**	**J**	2.50	mg/L							
Selenium	**0.0768**		0.0500	mg/L							
Silver	0.0020	U	0.0500	mg/L							

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TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8D29019 - EPA 3010A

Blank (8D29019-BLK2) Continued Prepared: 04/29/2008 12:40 Analyzed: 05/05/2008 20:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	**1340**		2.50	mg/L							
Thallium	0.0170	U	0.0500	mg/L							
Vanadium	0.0022	U	0.0500	mg/L							
Zinc	**0.0153**	**J**	0.100	mg/L							

LCS (8D29019-BS1) Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 16:00

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	10.2		0.200	mg/L	10.0		102	90-112			
Antimony	0.527		0.0200	mg/L	0.500		105	86-110			
Arsenic	0.987	B	0.0100	mg/L	1.00		99	90-115			
Barium	1.01	B	0.0100	mg/L	1.00		101	90-112			
Beryllium	0.498		0.0010	mg/L	0.500		100	84-118			
Boron	1.05	B	0.0500	mg/L	1.00		105	90-112			
Cadmium	0.499		0.0010	mg/L	0.500		100	87-115			
Calcium	10.0	B	0.500	mg/L	10.0		100	90-113			
Chromium	1.01		0.0100	mg/L	1.00		101	90-113			
Cobalt	1.04		0.0100	mg/L	1.00		104	81-120			
Copper	0.511		0.0100	mg/L	0.500		102	90-116			
Iron	10.2		0.0500	mg/L	10.0		102	84-115			
Lead	1.01		0.0100	mg/L	1.00		101	89-114			
Magnesium	10.3	B	0.500	mg/L	10.0		103	90-112			
Manganese	0.516		0.0100	mg/L	0.500		103	90-113			
Molybdenum	0.490		0.0100	mg/L	0.500		98	86-111			
Nickel	1.02	B	0.0500	mg/L	1.00		102	90-112			
Potassium	50.6	B	0.500	mg/L	50.0		101	90-114			
Selenium	1.03	B	0.0100	mg/L	1.00		103	90-117			
Silver	0.0954		0.0100	mg/L	0.100		95	90-110			
Sodium	49.1	B	0.500	mg/L	50.0		98	86-116			
Thallium	0.493		0.0100	mg/L	0.500		99	83-119			
Vanadium	0.497		0.0100	mg/L	0.500		99	90-113			
Zinc	1.04	B	0.0200	mg/L	1.00		104	85-118			

Matrix Spike (8D29019-MS1) Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 16:20

Source: B802758-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	51.1		1.00	mg/L	50.0	0.265	102	90-112			
Antimony	2.60		0.100	mg/L	2.50	0.0770	101	86-110			
Arsenic	4.91	B	0.0500	mg/L	5.00	0.0556	97	90-115			
Barium	5.25	B	0.0500	mg/L	5.00	0.348	98	90-112			
Beryllium	2.46		0.0050	mg/L	2.50	0.00158	98	84-118			
Boron	5.40	B	0.250	mg/L	5.00	0.253	103	90-112			
Cadmium	2.51		0.0050	mg/L	2.50	0.0109	100	87-115			
Calcium	93.2	B	2.50	mg/L	50.0	43.0	100	90-113			
Chromium	4.99		0.0500	mg/L	5.00	0.0060 U	100	90-113			
Cobalt	5.02		0.0500	mg/L	5.00	0.0028 U	100	81-120			
Copper	2.65		0.0500	mg/L	2.50	0.0145 U	106	90-116			

QUALITY CONTROL

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8D29019 - EPA 3010A

Matrix Spike (8D29019-MS1) Continued Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 16:20

Source: B802758-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	49.1		0.250	mg/L	50.0	0.0729	98	84-115			
Lead	5.09		0.0500	mg/L	5.00	0.0557	101	89-114			
Magnesium	52.8	B	2.50	mg/L	50.0	2.41	101	90-112			
Manganese	3.69		0.0500	mg/L	2.50	1.21	99	90-113			
Molybdenum	2.44		0.0500	mg/L	2.50	0.0040 U	98	86-111			
Nickel	5.01	B	0.250	mg/L	5.00	0.00389	100	90-112			
Potassium	265	B	2.50	mg/L	250	6.36	104	90-114			
Selenium	5.24	B	0.0500	mg/L	5.00	0.0279	104	90-117			
Silver	0.486		0.0500	mg/L	0.500	0.0020 U	97	90-110			
Sodium	1610	B	2.50	mg/L	250	1390	91	86-116			
Thallium	2.44		0.0500	mg/L	2.50	0.0394	96	83-119			
Vanadium	2.49		0.0500	mg/L	2.50	0.0022 U	99	90-113			
Zinc	5.34	B	0.100	mg/L	5.00	0.0744	105	85-118			

Matrix Spike Dup (8D29019-MSD1) Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 16:26

Source: B802758-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	51.1		1.00	mg/L	50.0	0.265	102	90-112	0.01	11	
Antimony	2.60		0.100	mg/L	2.50	0.0770	101	86-110	0.04	10	
Arsenic	4.93	B	0.0500	mg/L	5.00	0.0556	98	90-115	0.5	10	
Barium	5.23	B	0.0500	mg/L	5.00	0.348	98	90-112	0.4	10	
Beryllium	2.45		0.0050	mg/L	2.50	0.00158	98	84-118	0.4	11	
Boron	5.40	B	0.250	mg/L	5.00	0.253	103	90-112	0.008	10	
Cadmium	2.50		0.0050	mg/L	2.50	0.0109	100	87-115	0.4	10	
Calcium	92.9	B	2.50	mg/L	50.0	43.0	100	90-113	0.3	15	
Chromium	4.98		0.0500	mg/L	5.00	0.0060 U	100	90-113	0.3	10	
Cobalt	5.00		0.0500	mg/L	5.00	0.0028 U	100	81-120	0.3	11	
Copper	2.64		0.0500	mg/L	2.50	0.0145 U	106	90-116	0.6	10	
Iron	48.9		0.250	mg/L	50.0	0.0729	98	84-115	0.4	10	
Lead	5.10		0.0500	mg/L	5.00	0.0557	101	89-114	0.1	10	
Magnesium	52.8	B	2.50	mg/L	50.0	2.41	101	90-112	0.0009	12	
Manganese	3.67		0.0500	mg/L	2.50	1.21	98	90-113	0.5	10	
Molybdenum	2.44		0.0500	mg/L	2.50	0.0040 U	98	86-111	0.05	10	
Nickel	4.98	B	0.250	mg/L	5.00	0.00389	99	90-112	0.7	10	
Potassium	255	B	2.50	mg/L	250	6.36	100	90-114	4	10	
Selenium	5.28	B	0.0500	mg/L	5.00	0.0279	105	90-117	0.9	10	
Silver	0.480		0.0500	mg/L	0.500	0.0020 U	96	90-110	1	10	
Sodium	1550	B	2.50	mg/L	250	1390	65	86-116	4	10	QM-14
Thallium	2.41		0.0500	mg/L	2.50	0.0394	95	83-119	1	11	
Vanadium	2.47		0.0500	mg/L	2.50	0.0022 U	99	90-113	0.5	13	
Zinc	5.35	B	0.100	mg/L	5.00	0.0744	106	85-118	0.2	10	

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8D29016 - EPA 245.1

QUALITY CONTROL

SPLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8D29016 - EPA 245.1

Blank (8D29016-BLK1) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:33

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.000063	U	0.00020	mg/L							

Blank (8D29016-BLK2) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00063	U	0.00200	mg/L							

Blank (8D29016-BLK3) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:44

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.000063	U	0.00020	mg/L							

LCS (8D29016-BS1) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:34

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00499		0.00020	mg/L	0.00500		100	85-115			

Matrix Spike (8D29016-MS1) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:36

Source: B802758-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0505		0.00200	mg/L	0.0500	0.00063 U	101	79-123			

Matrix Spike Dup (8D29016-MSD1) Prepared: 04/29/2008 12:28 Analyzed: 04/30/2008 10:38

Source: B802758-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0496		0.00200	mg/L	0.0500	0.00063 U	99	79-123	2	10	

Batch 8D29019 - EPA 3010A

Blank (8D29019-BLK1) Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 15:45

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	0.0440	U	0.200	mg/L							
Antimony	0.0036	U	0.0200	mg/L							
Arsenic	0.0036	U	0.0100	mg/L							
Barium	0.0003	U	0.0100	mg/L							
Beryllium	0.0002	U	0.0010	mg/L							
Boron	0.0100	U	0.0500	mg/L							
Cadmium	0.0002	U	0.0010	mg/L							
Calcium	0.0070	U	0.100	mg/L							
Chromium	0.0012	U	0.0100	mg/L							
Cobalt	0.0020	U	0.0100	mg/L							
Copper	0.0029	U	0.0100	mg/L							
Iron	0.0064	U	0.0500	mg/L							
Lead	0.0022	U	0.0100	mg/L							

QUALITY CONTROL

SPLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8D29019 - EPA 3010A

Blank (8D29019-BLK1) Continued Prepared: 04/29/2008 12:40 Analyzed: 05/07/2008 16:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Magnesium	0.0620	U	0.500	mg/L							
Manganese	0.0002	U	0.0100	mg/L							
Molybdenum	0.0008	U	0.0100	mg/L							
Nickel	0.0004	U	0.0500	mg/L							
Potassium	0.031	U	0.500	mg/L							
Selenium	0.0035	U	0.0100	mg/L							
Silver	0.0004	U	0.0100	mg/L							
Sodium	0.0098	U	0.500	mg/L							
Thallium	0.0034	U	0.0100	mg/L							
Vanadium	0.0004	U	0.0100	mg/L							
Zinc	0.0016	U	0.0200	mg/L							

Blank (8D29019-BLK3) Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 15:55

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	0.0440	U	0.200	mg/L							
Antimony	0.0036	U	0.0200	mg/L							
Arsenic	0.0036	U	0.0100	mg/L							
Barium	0.0003	U	0.0100	mg/L							
Beryllium	0.0002	U	0.0010	mg/L							
Boron	**0.0408**	J	0.0500	mg/L							
Cadmium	0.0002	U	0.0010	mg/L							
Calcium	**0.980**		0.100	mg/L							
Chromium	0.0012	U	0.0100	mg/L							
Cobalt	0.0020	U	0.0100	mg/L							
Copper	0.0029	U	0.0100	mg/L							
Iron	0.0064	U	0.0500	mg/L							
Lead	0.0022	U	0.0100	mg/L							
Magnesium	**0.108**	J	0.500	mg/L							
Manganese	**0.0130**		0.0100	mg/L							
Molybdenum	0.0008	U	0.0100	mg/L							
Nickel	**0.0011**	J	0.0500	mg/L							
Potassium	0.031	U	0.500	mg/L							
Selenium	0.0035	U	0.0100	mg/L							
Silver	0.0004	U	0.0100	mg/L							
Sodium	**14.9**		0.500	mg/L							
Thallium	0.0034	U	0.0100	mg/L							
Vanadium	0.0004	U	0.0100	mg/L							
Zinc	**0.0028**	J	0.0200	mg/L							

LCS (8D29019-BS1) Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 16:00

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	10.2		0.200	mg/L	10.0		102	90-112			
Antimony	0.527		0.0200	mg/L	0.500		105	86-110			
Arsenic	0.987		0.0100	mg/L	1.00		99	90-115			
Barium	1.01		0.0100	mg/L	1.00		101	90-112			
Beryllium	0.498		0.0010	mg/L	0.500		100	84-118			

QUALITY CONTROL

SPLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8D29019 - EPA 3010A

LCS (8D29019-BS1) Continued Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 16:00

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Boron	1.05	B	0.0500	mg/L	1.00		105	90-112			
Cadmium	0.499		0.0010	mg/L	0.500		100	87-115			
Calcium	10.0	B	0.100	mg/L	10.0		100	81-111			
Chromium	1.01		0.0100	mg/L	1.00		101	90-113			
Cobalt	1.04		0.0100	mg/L	1.00		104	76-117			
Copper	0.511		0.0100	mg/L	0.500		102	90-116			
Iron	10.2		0.0500	mg/L	10.0		102	84-115			
Lead	1.01		0.0100	mg/L	1.00		101	89-114			
Magnesium	10.3	B	0.500	mg/L	10.0		103	90-112			
Manganese	0.516	B	0.0100	mg/L	0.500		103	90-113			
Molybdenum	0.490		0.0100	mg/L	0.500		98	86-111			
Nickel	1.02	B	0.0500	mg/L	1.00		102	90-112			
Potassium	50.6		0.500	mg/L	50.0		101	84-112			
Selenium	1.03		0.0100	mg/L	1.00		103	90-117			
Silver	0.0954		0.0100	mg/L	0.100		95	90-110			
Sodium	49.1	B	0.500	mg/L	50.0		98	86-116			
Thallium	0.493		0.0100	mg/L	0.500		99	83-119			
Vanadium	0.497		0.0100	mg/L	0.500		99	90-113			
Zinc	1.04	B	0.0200	mg/L	1.00		104	85-118			

Matrix Spike (8D29019-MS1) Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 16:20

Source: B802758-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	51.1		1.00	mg/L	50.0	0.265	102	90-112			
Antimony	2.60		0.100	mg/L	2.50	0.0770	101	86-110			
Arsenic	4.91		0.0500	mg/L	5.00	0.0556	97	90-115			
Barium	5.25		0.0500	mg/L	5.00	0.348	98	90-112			
Beryllium	2.46		0.0050	mg/L	2.50	0.00158	98	84-118			
Boron	5.40	B	0.250	mg/L	5.00	0.253	103	90-112			
Cadmium	2.51		0.0050	mg/L	2.50	0.0109	100	87-115			
Calcium	93.2	B	0.500	mg/L	50.0	43.0	100	63-131			
Chromium	4.99		0.0500	mg/L	5.00	0.0060 U	100	90-113			
Cobalt	5.02		0.0500	mg/L	5.00	0.0100 U	100	76-120			
Copper	2.65		0.0500	mg/L	2.50	0.0145 U	106	90-116			
Iron	49.1		0.250	mg/L	50.0	0.0729	98	84-115			
Lead	5.09		0.0500	mg/L	5.00	0.0557	101	89-114			
Magnesium	52.8	B	2.50	mg/L	50.0	2.41	101	90-112			
Manganese	3.69	B	0.0500	mg/L	2.50	1.21	99	90-113			
Molybdenum	2.44		0.0500	mg/L	2.50	0.0040 U	98	86-111			
Nickel	5.01	B	0.250	mg/L	5.00	0.00389	100	90-112			
Potassium	265		2.50	mg/L	250	6.36	104	53-121			
Selenium	5.24		0.0500	mg/L	5.00	0.0279	104	90-117			
Silver	0.486		0.0500	mg/L	0.500	0.0020 U	97	90-110			
Sodium	1610	B	2.50	mg/L	250	1390	91	86-116			
Thallium	2.44		0.0500	mg/L	2.50	0.0394	96	83-119			
Vanadium	2.49		0.0500	mg/L	2.50	0.0022 U	99	90-113			
Zinc	5.34	B	0.100	mg/L	5.00	0.0744	105	85-118			

QUALITY CONTROL

SPLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8D29019 - EPA 3010A

Matrix Spike Dup (8D29019-MSD1) Prepared: 04/29/2008 12:40 Analyzed: 05/02/2008 16:26

Source: B802758-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	51.1		1.00	mg/L	50.0	0.265	102	90-112	0.01	11	
Antimony	2.60		0.100	mg/L	2.50	0.0770	101	86-110	0.04	10	
Arsenic	4.93		0.0500	mg/L	5.00	0.0556	98	90-115	0.5	10	
Barium	5.23		0.0500	mg/L	5.00	0.348	98	90-112	0.4	10	
Beryllium	2.45		0.0050	mg/L	2.50	0.00158	98	84-118	0.4	11	
Boron	5.40	B	0.250	mg/L	5.00	0.253	103	90-112	0.008	10	
Cadmium	2.50		0.0050	mg/L	2.50	0.0109	100	87-115	0.4	10	
Calcium	92.9	B	0.500	mg/L	50.0	43.0	100	63-131	0.3	22	
Chromium	4.98		0.0500	mg/L	5.00	0.0060 U	100	90-113	0.3	10	
Cobalt	5.00		0.0500	mg/L	5.00	0.0100 U	100	76-120	0.3	17	
Copper	2.64		0.0500	mg/L	2.50	0.0145 U	106	90-116	0.6	10	
Iron	48.9		0.250	mg/L	50.0	0.0729	98	84-115	0.4	10	
Lead	5.10		0.0500	mg/L	5.00	0.0557	101	89-114	0.1	10	
Magnesium	52.8	B	2.50	mg/L	50.0	2.41	101	90-112	0.0009	12	
Manganese	3.67	B	0.0500	mg/L	2.50	1.21	98	90-113	0.5	10	
Molybdenum	2.44		0.0500	mg/L	2.50	0.0040 U	98	86-111	0.05	10	
ckel	4.98	B	0.250	mg/L	5.00	0.00389	99	90-112	0.7	10	
Potassium	255		2.50	mg/L	250	6.36	100	53-121	4	20	
Selenium	5.28		0.0500	mg/L	5.00	0.0279	105	90-117	0.9	10	
Silver	0.480		0.0500	mg/L	0.500	0.0020 U	96	90-110	1	10	
Sodium	1550	B	2.50	mg/L	250	1390	65	86-116	4	10	QM-14
Thallium	2.41		0.0500	mg/L	2.50	0.0394	95	83-119	1	11	
Vanadium	2.47		0.0500	mg/L	2.50	0.0022 U	99	90-113	0.5	13	
Zinc	5.35	B	0.100	mg/L	5.00	0.0744	106	85-118	0.2	10	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
J-01	Result is estimated due to positive results in the assocatiated method blank.
J-01a	Result is estimated due to positive results in the associated method blank.
Q	Analysis performed outside of method - specified holding time.
QB-01	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result, which minimizes the impact of the deviation.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-13	Suspected matrix effects
QM-14	Confirmed matrix effects
QM-16	Matrix spike recovery could not be calculated due to high concentrations of analyte in source sample.

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102-A Woodwinds Industrial Ct Cary, NC 27511 (919) 467-3090 Fax (919) 467-3515

Page 1 of 1

Client Name: Kimley-Horn + Assoc.	Project Number: 116431000
Address: 501 Independence Pkwy #300	Project Name/Site: Battlefield Fly-Ash
City/ST/Zip: Chesapeake, VA 23320	PO # / Billing Info
Tel: 757-548-7300 Fax: 757-548-7301	Reporting Contact
Sampler(s) Name, Affiliation (Print): M. Ewashchenko	Billing Contact: M. Dwechchenko
Sampler(s) Signature:	Facility # (if required)

Requested Analyses: SPLP, TSS, TDS, T-phos, Fluoride, Chloride, Sulfate - UV, Alkalinity, Al, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Na

Requested Turnaround Times: Note: Rush requests subject to acceptance by the facility. ✓ Standard ✓ Expedited Due __/__/__

Lab Workorder: C808870

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp/Grab	Matrix (See codes)	Total # of Containers	SPLP	TSS	TDS	T-phos	Fluoride	Chloride	Sulfate - UV	Alkalinity	Al, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Na		Sample Comments
	SW-4	4/22/08	1445	G	SW	10	X	X	X	X	X	X	X	X	X	X	Exclude Boron
	SW-5	↓	1520	G	↓	10	X	X	X	X	X	X	X	X	X	X	↓
	SW-0	↓	1445	G	↓	10	X	X	X	X	X	X	X	X	X	X	↓

← Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		[signature]	4/23/08 5:00	Susana Gregory	4/24/08 10:30
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler # & Temps on Receipt: C-485 3.4°C		Condition Upon Receipt: Acceptable / Unacceptable	

Matrix: GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: Ice H-HCl H-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Laboratories are in accordance with the terms and conditions stated on the reverse side of this form, unless prior written agreement exists.

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Page 1 of 1

Client Name: Gamley - Horn Park	Project Number: 116-4316-000
Address: 501 Independence Pkwy	Project Name/Desc: Bottle field Fly Ash
City/ST/Zip: Chesapeake VA #300 23320	PO # / Billing Info
Tel: 757-548-2331 Fax: 757-548-2331	Reporting Contact
Sampler(s) Name, Affiliation (Firm): M Franchuck - KHF	Billing Contact: M. Washington
Sampler(s) Signature:	Facility # (if required)

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

✓ Standard

✓ Expedited

Due __/__/__

Lab Workorder: 5038708

Requested Analyses / Preservation (See Codes) (Continue as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	TSS, TDS, TPO4	Fluoride	Chloride	Sulfate, NO3	Alkalinity	Se, Cu, Cd, Hg	Al, Cu, Fe, Ni, Zn	Cr, Mg, Ba, Fe	Co, Sb, Mn, Fe	V, Ca, Mg, Na
	SW-8	4/23/08	1300	G	SW	10	X	X	X	X	X	X	X	X	X	X
	OFE	↓	1320	G	SW	10	X	X	X	X	X	X	X	X	X	X

Sample Comments: Expedite Bacon Sulfate + boron SW-8 + OFE

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By: M Franchuck	Date/Time: 4/23/08 4:45	Received By: Briana Gregory	Date/Time: 4/24/08 10:30
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Cooler #'s & Temps on Receipt: C-490 3.1°C

Condition Upon Receipt: ___ Acceptable ___ Unacceptable

Preservation: 1 Ice 2 HCl 3 HNO3 4 H2SO4 5 NaOH 6 Other (detail in comments)

Matrix: GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist.

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Cary, NC 27511
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Page 1 of 1

Client Name: Kimley-Horn + Assoc	Project Number: 116436000
Address: 501 Independence Pkwy #300	Project Name/Desc: Battlefield Fly-Ash
City/St/Zip: Chesapeake, VA 23320	PO # / Billing Info
Tel: 757-548-7300 Fax: 548-7301	Reporting Contact
Sampler(s) Name, Affiliation (Print): M. E. WASHCHENKO	Billing Contact: M. Iwashchenko
Sample(s) Signature: [signature]	Facility # (if required)

Requested Analyses: SPLP; TSS, TDS, T-Phos; Fluoride; Chloride; Sulfate; NO3x; Alkalinity; As, Li, Cu, Hg, Pb, Tl, Zn; Ca, Cr, Mn, Ba, Co, Mo, Sb; Ag, Al, Mg, V, Na

Preservation (See Codes) (Combine as necessary)

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

☑ Standard

☑ Expedited

Due __/__/__

Lab Workorder: C803870C

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	SPLP	TSS, TDS, T-Phos	Fluoride	Chloride	Sulfate	NO3x	Alkalinity	As, Li, Cu, Hg, Pb, Tl, Zn	Ca, Cr, Mn, Ba, Co, Mo, Sb	Ag, Al, Mg, V, Na	Sample Comments
	SW-3	4/22/08	1400	G	SW	10	X	X	X	X	X	X	X	X	X		Expedite Run + Sulfate
	OFB	4/22/08	1410	G	SW	10	X	X	X	X	X	X	X	X	X		↓

<- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By: [signature]	Date/Time: 4/23/08 11:00	Received By: Briana Gregory	Date/Time: 4/24/08 10:30
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Cooler #s & Temps on Receipt: C-489 3.5°C

Conditions Upon Receipt: ___ Acceptable ___ Unacceptable

Matrix: GW Groundwater SO Soil SE Sediment SW Surface Water WW Wastewater A Air O Other (detail in comments)

Preservation: Use HNO3, HCl, NaOH, H2SO4, NO HCl, O Other (detail in comments)

Note: All samples submitted to ENCO Laboratories in accordance with the terms and conditions listed on the reverse of this form, unless other written agreement exists.

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1013 Prospect Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9848

Page 1 of 1

Client Name: KHA	Project Number: 116436000
Address: 501 Independence PKWY	Project Name/Desc: FIY-ASH
City/ST/Zip: Chesapeake VA 23320	PO # / Billing Info: 116436000
Tel: 548-7300 Fax: 609-3369	Reporting Contact: Mike I
Sampler(s) Name, Affiliation (Print): M. Iwoshchenko /KHA	Billing Contact: Mike I
Sampler(s) Signature: M. Iwoshchenko	Facility # (if required): Battlefield

Requested Analyses: RCRA-8 Pkg; TCLP; SPLP; Se, Al, Cu, Fe, Mg, Mn, Se, Zn, Pb, Tl, Zn, Co, Cr, Mo, Ba, Sb, Be, Fe, Pb, B, Mo, Se, Be, Ag, Al, Mg, Ni, Sr, V; Alkalinity

Requested Turnaround Times: Note: Rush requests subject to acceptance by the facility. ✓ Standard ___ Expedited Due __/__/__

Lab Workorder: C803870D

Preservation (See Codes) (Continue as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	RCRA-8 Pkg	TCLP	SPLP	Se, Al, Cu, Fe, Mg, Mn, Se, Zn, Pb, Tl, Zn, Co, Cr, Mo, Ba, Sb, Be, Fe, Pb, B, Mo, Se, Be, Ag, Al, Mg, Ni, Sr, V	Alkalinity	Sample Components
	HA-1		2:10	G	So	2	/	/	/	/	/	All Metals
	HA-2		2:30	G	So	2	/	/	/	/	/	All Metals
						4						

<- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		M. Iwoshchenko	4/23/08 4:39	Briana Gregory	4/24/08 10:30
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Coolers & Temps on Receipt: C-490 3.1°C

Condition Upon Receipt: ___ Acceptable ___ Unacceptable

Matrix: GW Groundwater SO-Soil SE-Sediment SW Surface Water WW Wastewater A-Air O-Other (detail in comments) Preservation: Hcl HNO3 NaOH H2SO4 NO-None O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with our terms and conditions listed on the reverse of this form, unless prior written agreement

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Cary, NC 27513
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Page 1 of 1

Client Name	Cinley-Hirn & Assoc
Project Number	116.436.000
Address	501 Independence Pkwy #300
Project Name/Desc	Bonnie Field Fly-Ash
City/ST/Zip	Chesapeake, VA 23320
PO # / Billing Info	
Tel	757-548-2100
Fax #	757-548-2201
Reporting Contact	
Sampler(s) Name, Affiliation (Print)	M. Fernandez KHA
Billing Contact	M. Fernandez
Sampler(s) Signature	
Facility # of Origin	

Requested Analyses: TSS, TDS, Chloride, Sulfate, Alkalinity, As, Al, Ca, Hg, Pb, Cu, Fe, Mo, Tl, Zn, Cr, Mn, Ba, Fe, Co, Be, Mo, Sb, Se, Ag, V, As, Hg, Zn

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

☑ Standard

☑ Expedited

Due __/__/__

Lab Workorder: C803870E

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers											Sample Comments
	SW-6	4/23/08	1130	G	SW	10	X	X	X	X	X	X	X	X	X	X	Epoxy Boron-Sulfide
	SW-7	↓	1200	↓	↓	↓	X	X	X	X	X	X	X	X	X	X	
	SW-9	↓	1330	↓	↓	↓	X	X	X	X	X	X	X	X	X	X	

← Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
			4/23/08 4:45	Birna Gregory	4/24/08 10:30
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Cooler # & Temperature Receipt: C-488 2.6°C

Condition Upon Receipt: Acceptable / Unacceptable

Matrix: GW Groundwater SO Soil SD Sediment SW Surface Water WW Wastewater A Air O Other (detail in comments)

Preservation: Ho: H HO N HNO3 S H2SO4 NO NaOH O Other (detail in comments)

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Page 1 of ___

Client Name: Lumley-Horn & Assoc.	Project Number: 116 436 000
Address: 501 Independence Pkwy, #300	Project Name/Desc: Battlefield Fly-Ash
City/ST/Zip: Chesapeake, VA 23320	PO # / Billing Info
Tel: 757-548-7300 Fax: 757-548-2561	Reporting Contact
Sampler(s) Name, Affiliation (Print): M. Twashchenko	Billing Contact: M. Twashchenko
Sampler(s) Signature: M. Twashchenko	Facility # (if required)

Requested Analyses: SPLP; TSS, TDS, T-Phos; Fluoride; Chloride; Sulfate, UV; Alkalinity; Hg, As, Se, Tl, Pb; Cd, Cr, Cu, Ba, Mo; Sb, Be, Ag, V; Al, Mg, K, Na

Preservation (See Codes) (Combine as necessary)

Requested Turnaround Times: Note: Rush requests subject to acceptance by the facility. ___ Standard ___ Expedited Due ___/___/___

Lab Workorder: C503870F

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	SPLP	TSS, TDS, T-Phos	Fluoride	Chloride	Sulfate, UV	Alkalinity	Hg, As, Se, Tl, Pb	Cd, Cr, Cu, Ba, Mo	Sb, Be, Ag, V	Al, Mg, K, Na	Sample Comments
	SW-2	4/22/08	1240	G	SW	10	X	X	X	X	X	X	X	X	X	X	Expedite Results
	DFS	↓	1340	↓	↓	↓	X	X	X	X	X	X	X	X	X	X	↓
	SW-1	↓	1153	↓	↓	↓	X	X	X	X	X	X	X	X	X	X	

<- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time 4/23/08 10:00	Received By: Briana Gregory	Date/Time 4/24/08 10:30
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: C-483 2.9°C		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form unless other written agreements exist.

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Thursday, June 5, 2008

Kimley-Horn and Associates - VA[KI009]

Attn: Mike Iwashchenko

505 Independence Pkway, Suite 200

Chesapeake, VA 23320

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Fly Ash
ENCO Workorder: C805327

Dear Mike Iwashchenko,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, May 21, 2008.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chuck Smith

Chuck Smith

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 21.

PROJECT NARRATIVE

Client: Kimley-Horn and Associates - VA[KI009]
Project: Fly Ash
ENCO Project ID: C805327

Overview

All samples submitted were analyzed by Environmental Conservation Laboratories, Inc. in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling and processing will be discussed in the Remarks section below.

Remarks

Analysis: Chloride SM4500-Cl/E
Affected Samples: 8E21015-BLK1, MW-1[C805327-01], MW-2[C805327-02], MW-3[C805327-03]
Description: MB results above MDL but below MRL; associated samples flagged with QB-01
Narrative: The method blank associated to the flagged samples showed a positive result above the MDL, but below the reporting limit. Since the magnitude of the sample result is greater than ten times the concentration of the associated blank, the impact of this nonconformance is considered to be minimal.

Analysis: Sulfate EPA 300.0
Affected Samples: 8E22024-MS1, 8E22024-MSD1, MW-1[C805327-01]
Explanation: The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

Analysis: Fluoride EPA 340.2
Affected Samples: MW-1[C805327-01]
Description: MB results above MDL but below MRL; associated samples flagged with J-01
Narrative: The method blank associated to the flagged samples showed a positive result above the MDL, but below the reporting limit. Since the magnitude of the sample result are within a factor of 10 of the associated blank, the result should be considered to be an estimate.

Analysis: Fluoride EPA 340.2
Affected Samples: MW-2[C805327-02], MW-3[C805327-03]
Description: MB results above MDL but below MRL; associated samples flagged with QB-01
Narrative: The method blank associated to the flagged samples showed a positive result above the MDL, but below the reporting limit. Since the magnitude of the sample result is greater than ten times the concentration of the associated blank, the impact of this nonconformance is considered to be minimal.

Chuck Smith
Project Manager

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1 Lab ID: C805327-01 Sampled: 05/20/08 12:41 Received: 05/21/08 09:45

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	05/27/08	05/22/08 13:00	5/23/2008 12:42
EPA 160.2	05/27/08	05/27/08 13:10	5/28/2008 14:47
EPA 300.0	06/17/08	05/22/08 15:39	5/23/2008 05:01
EPA 310.2	06/03/08	05/21/08 12:09	5/21/2008 18:58
EPA 340.2	06/17/08	05/29/08 16:25	5/29/2008 16:25
EPA 353.2	06/17/08	05/25/08 09:07	5/25/2008 14:56
EPA 365.4	06/17/08	05/27/08 10:30	5/28/2008 10:46
EPA 6010B	11/16/08	05/22/08 07:40	6/3/2008 11:26
EPA 7470A	06/17/08	05/29/08 07:30	5/30/2008 13:12
SM4500-Cl/E	06/17/08	05/21/08 12:14	5/21/2008 15:47

Client ID: MW-2 Lab ID: C805327-02 Sampled: 05/20/08 12:50 Received: 05/21/08 09:45

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	05/27/08	05/22/08 13:00	5/23/2008 12:42
EPA 160.2	05/27/08	05/27/08 13:10	5/28/2008 14:47
EPA 310.2	06/03/08	05/21/08 12:09	5/21/2008 18:59
EPA 340.2	06/17/08	05/29/08 16:25	5/29/2008 16:25
EPA 353.2	06/17/08	05/25/08 09:07	5/25/2008 14:58
EPA 365.4	06/17/08	05/27/08 10:30	5/28/2008 10:49
EPA 6010B	11/16/08	05/22/08 07:40	6/3/2008 11:57
EPA 7470A	06/17/08	05/29/08 07:30	5/30/2008 13:21
SM4500-Cl/E	06/17/08	05/21/08 12:14	5/21/2008 15:47

Client ID: MW-2 Lab ID: C805327-02RE1 Sampled: 05/20/08 12:50 Received: 05/21/08 09:45

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	06/17/08	05/27/08 13:05	5/28/2008 02:22

Client ID: MW-3 Lab ID: C805327-03 Sampled: 05/20/08 13:05 Received: 05/21/08 09:45

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	05/27/08	05/22/08 13:00	5/23/2008 12:42
EPA 160.2	05/27/08	05/27/08 13:10	5/28/2008 14:47
EPA 310.2	06/03/08	05/21/08 12:09	5/21/2008 18:59
EPA 340.2	06/17/08	05/29/08 16:25	5/29/2008 16:25
EPA 353.2	06/17/08	05/25/08 09:07	5/25/2008 15:00
EPA 365.4	06/17/08	05/27/08 10:30	5/28/2008 10:51
EPA 6010B	11/16/08	05/22/08 07:40	6/3/2008 12:04
EPA 7470A	06/17/08	05/29/08 07:30	5/30/2008 13:24
SM4500-Cl/E	06/17/08	05/21/08 12:14	5/21/2008 15:48

Client ID: MW-3 Lab ID: C805327-03RE1 Sampled: 05/20/08 13:05 Received: 05/21/08 09:45

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	06/17/08	05/27/08 13:05	5/28/2008 02:52

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SAMPLE DETECTION SUMMARY

Client ID: MW-1 **Lab ID: C805327-01**

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	86700		100	ug/L	EPA 6010B	
Arsenic	64.6		10.0	ug/L	EPA 6010B	
Barium	284		10.0	ug/L	EPA 6010B	
Beryllium	3.80		1.00	ug/L	EPA 6010B	
Boron	113		50.0	ug/L	EPA 6010B	
Calcium	47800		100	ug/L	EPA 6010B	
Chloride	49	B	5.0	mg/L	SM4500-Cl/E	QB-01
Chromium	187	B	10.0	ug/L	EPA 6010B	
Cobalt	76.0		10.0	ug/L	EPA 6010B	
Copper	9.60	JB	10.0	ug/L	EPA 6010B	
Fluoride	0.15	B	0.10	mg/L	EPA 340.2	J-01
Iron	157000		50	ug/L	EPA 6010B	
Lead	67.9		10.0	ug/L	EPA 6010B	
Magnesium	31000		100	ug/L	EPA 6010B	
Manganese	1330		10.0	ug/L	EPA 6010B	
Mercury	0.23		0.20	ug/L	EPA 7470A	
Nickel	166		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.14		0.10	mg/L	EPA 353.2	
Phosphorus	1.6		0.10	mg/L	EPA 365.4	
Potassium	9140		500	ug/L	EPA 6010B	
Sodium	15100	B	500	ug/L	EPA 6010B	
Sulfate as SO4	76		5.0	mg/L	EPA 300.0	
Total Alkalinity	26		15	mg/L	EPA 310.2	
Total Dissolved Solids	290		10	mg/L	EPA 160.1	
Total Suspended Solids	4800		1.0	mg/L	EPA 160.2	
Vanadium	232	B	10.0	ug/L	EPA 6010B	
Zinc	510		10.0	ug/L	EPA 6010B	

Client ID: MW-2 **Lab ID: C805327-02**

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	99200		100	ug/L	EPA 6010B	
Arsenic	79.8		10.0	ug/L	EPA 6010B	
Barium	444		10.0	ug/L	EPA 6010B	
Beryllium	3.40		1.00	ug/L	EPA 6010B	
Boron	75.2		50.0	ug/L	EPA 6010B	
Calcium	69500		100	ug/L	EPA 6010B	
Chloride	50	B	5.0	mg/L	SM4500-Cl/E	QB-01
Chromium	231	B	10.0	ug/L	EPA 6010B	
Cobalt	90.3		10.0	ug/L	EPA 6010B	
Copper	33.0	B	10.0	ug/L	EPA 6010B	
Fluoride	0.28	B	0.10	mg/L	EPA 340.2	QB-01
Iron	175000		50	ug/L	EPA 6010B	
Lead	78.7		10.0	ug/L	EPA 6010B	
Magnesium	41500		100	ug/L	EPA 6010B	
Manganese	1300		10.0	ug/L	EPA 6010B	
Mercury	0.24		0.20	ug/L	EPA 7470A	
Nickel	204		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	1.1		0.10	mg/L	EPA 353.2	
Phosphorus	2.1		0.10	mg/L	EPA 365.4	

Client ID: MW-2 **Lab ID: C805327-02**

Analyte	Results	Flag	MRL	Units	Method	Notes
Potassium	12600		500	ug/L	EPA 6010B	
Sodium	28500	B	500	ug/L	EPA 6010B	
Total Alkalinity	28		15	mg/L	EPA 310.2	
Total Dissolved Solids	370		10	mg/L	EPA 160.1	
Total Suspended Solids	2100		1.0	mg/L	EPA 160.2	
Vanadium	297	B	10.0	ug/L	EPA 6010B	
Zinc	491		10.0	ug/L	EPA 6010B	

Client ID: MW-2 **Lab ID: C805327-02RE1**

Analyte	Results	Flag	MRL	Units	Method	Notes
Sulfate as SO4	120	D	10	mg/L	EPA 300.0	

Client ID: MW-3 **Lab ID: C805327-03**

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	130000		100	ug/L	EPA 6010B	
Arsenic	103		10.0	ug/L	EPA 6010B	
Barium	463		10.0	ug/L	EPA 6010B	
Beryllium	5.20		1.00	ug/L	EPA 6010B	
Boron	75.5		50.0	ug/L	EPA 6010B	
Calcium	57700		100	ug/L	EPA 6010B	
Chloride	18	B	5.0	mg/L	SM4500-Cl/E	QB-01
Chromium	302	B	10.0	ug/L	EPA 6010B	
Cobalt	148		10.0	ug/L	EPA 6010B	
Copper	44.8	B	10.0	ug/L	EPA 6010B	
Fluoride	0.32	B	0.10	mg/L	EPA 340.2	QB-01
Iron	229000		50	ug/L	EPA 6010B	
Lead	106		10.0	ug/L	EPA 6010B	
Magnesium	47700		100	ug/L	EPA 6010B	
Manganese	1540		10.0	ug/L	EPA 6010B	
Mercury	0.31		0.20	ug/L	EPA 7470A	
Nickel	299		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.15		0.10	mg/L	EPA 353.2	
Phosphorus	2.8		0.10	mg/L	EPA 365.4	
Potassium	14200		500	ug/L	EPA 6010B	
Sodium	22900	B	500	ug/L	EPA 6010B	
Total Alkalinity	49		15	mg/L	EPA 310.2	
Total Dissolved Solids	360		10	mg/L	EPA 160.1	
Total Suspended Solids	2100		1.0	mg/L	EPA 160.2	
Vanadium	384	B	10.0	ug/L	EPA 6010B	
Zinc	805		10.0	ug/L	EPA 6010B	

Client ID: MW-3 **Lab ID: C805327-03RE1**

Analyte	Results	Flag	MRL	Units	Method	Notes
Sulfate as SO4	140	D	10	mg/L	EPA 300.0	

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ANALYTICAL RESULTS

Description: MW-1
Matrix: Ground Water
Project: Fly Ash

Lab Sample ID: C805327-01
Sampled: 05/20/08 12:41
Sampled By: Mike Iwashchenko

Received: 05/21/08 09:45
Work Order: C805327

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**86700**		ug/L	1	50	100	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Arsenic [7440-38-2] ^	**64.6**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Barium [7440-39-3] ^	**284**		ug/L	1	0.20	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Beryllium [7440-41-7] ^	**3.80**		ug/L	1	0.70	1.00	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Boron [7440-42-8] ^	**113**		ug/L	1	4.0	50.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Calcium [7440-70-2] ^	**47800**		ug/L	1	7.0	100	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Chromium [7440-47-3] ^	**187**	B	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Cobalt [7440-48-4] ^	**76.0**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Copper [7440-50-8] ^	**9.60**	JB	ug/L	1	0.60	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Iron [7439-89-6] ^	**157000**		ug/L	1	20	50	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Lead [7439-92-1] ^	**67.9**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Magnesium [7439-95-4] ^	**31000**		ug/L	1	20	100	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Manganese [7439-96-5] ^	**1330**		ug/L	1	1.4	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Mercury [7439-97-6] ^	**0.23**		ug/L	1	0.11	0.20	8E29004	EPA 7470A	05/30/08 13:12	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Nickel [7440-02-0] ^	**166**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Potassium [7440-09-7] ^	**9140**		ug/L	1	50	500	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Sodium [7440-23-5] ^	**15100**	B	ug/L	1	200	500	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Vanadium [7440-62-2] ^	**232**	B	ug/L	1	1.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	
Zinc [7440-66-6] ^	**510**		ug/L	1	1.0	10.0	8E22002	EPA 6010B	06/03/08 11:26	VLO	

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Description: MW-1
Matrix: Ground Water
Project: Fly Ash

Lab Sample ID: C805327-01
Sampled: 05/20/08 12:41
Sampled By: Mike Iwashchenko

Received: 05/21/08 09:45
Work Order: C805327

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	49	B	mg/L	1	0.48	5.0	8E21015	SM4500-Cl/E	05/21/08 15:47	PEV	QB-01
Fluoride [16984-48-8]	0.15	B	mg/L	1	0.0053	0.10	8E29010	EPA 340.2	05/29/08 16:25	JOC	J-01
Nitrate/Nitrite as N [NA]	0.14		mg/L	1	0.022	0.10	8E25003	EPA 353.2	05/25/08 14:56	PEV	
Phosphorus [7723-14-0]	1.6		mg/L	1	0.050	0.10	8E25007	EPA 365.4	05/28/08 10:46	PEV	
Sulfate as SO4 [14808-79-8]	76		mg/L	1	0.05	5.0	8E22024	EPA 300.0	05/23/08 05:01	AJ	
Total Alkalinity [NA]	26		mg/L	1	4.7	15	8E21014	EPA 310.2	05/21/08 18:58	PEV	
Total Dissolved Solids [NA]	290		mg/L	1	10	10	8E22010	EPA 160.1	05/23/08 12:42	JOC	
Total Suspended Solids [NA]	4800		mg/L	1	1.0	1.0	8E27019	EPA 160.2	05/28/08 14:47	FLT	

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Description: MW-2
Matrix: Ground Water
Project: Fly Ash

Lab Sample ID: C805327-02
Sampled: 05/20/08 12:50
Sampled By: Mike Iwashchenko

Received: 05/21/08 09:45
Work Order: C805327

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**99200**		ug/L	1	50	100	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Arsenic [7440-38-2] ^	**79.8**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Barium [7440-39-3] ^	**444**		ug/L	1	0.20	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Beryllium [7440-41-7] ^	**3.40**		ug/L	1	0.70	1.00	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Boron [7440-42-8] ^	**75.2**		ug/L	1	4.0	50.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Calcium [7440-70-2] ^	**69500**		ug/L	1	7.0	100	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Chromium [7440-47-3] ^	**231**	B	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Cobalt [7440-48-4] ^	**90.3**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Copper [7440-50-8] ^	**33.0**	B	ug/L	1	0.60	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Iron [7439-89-6] ^	**175000**		ug/L	1	20	50	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Lead [7439-92-1] ^	**78.7**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Magnesium [7439-95-4] ^	**41500**		ug/L	1	20	100	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Manganese [7439-96-5] ^	**1300**		ug/L	1	1.4	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Mercury [7439-97-6] ^	**0.24**		ug/L	1	0.11	0.20	8E29004	EPA 7470A	05/30/08 13:21	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Nickel [7440-02-0] ^	**204**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Potassium [7440-09-7] ^	**12600**		ug/L	1	50	500	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Sodium [7440-23-5] ^	**28500**	B	ug/L	1	200	500	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Vanadium [7440-62-2] ^	**297**	B	ug/L	1	1.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	
Zinc [7440-66-6] ^	**491**		ug/L	1	1.0	10.0	8E22002	EPA 6010B	06/03/08 11:57	VLO	

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Description: MW-2
Matrix: Ground Water
Project: Fly Ash

Lab Sample ID: C805327-02
Sampled: 05/20/08 12:50
Sampled By: Mike Iwashchenko

Received: 05/21/08 09:45
Work Order: C805327

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	**50**	B	mg/L	1	0.48	5.0	8E21015	SM4500-Cl/E	05/21/08 15:47	PEV	QB-01
Fluoride [16984-48-8]	**0.28**	B	mg/L	1	0.0053	0.10	8E29010	EPA 340.2	05/29/08 16:25	JOC	QB-01
Nitrate/Nitrite as N [NA]	**1.1**		mg/L	1	0.022	0.10	8E25003	EPA 353.2	05/25/08 14:58	PEV	
Phosphorus [7723-14-0]	**2.1**		mg/L	1	0.050	0.10	8E25007	EPA 365.4	05/28/08 10:49	PEV	
Sulfate as SO4 [14808-79-8]	**120**	D	mg/L	2	0.10	10	8E27026	EPA 300.0	05/28/08 02:22	AJ	
Total Alkalinity [NA]	**28**		mg/L	1	4.7	15	8E21014	EPA 310.2	05/21/08 18:59	PEV	
Total Dissolved Solids [NA]	**370**		mg/L	1	10	10	8E22010	EPA 160.1	05/23/08 12:42	JOC	
Total Suspended Solids [NA]	**2100**		mg/L	1	1.0	1.0	8E27019	EPA 160.2	05/28/08 14:47	FLT	

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Description: MW-3
Matrix: Ground Water
Project: Fly Ash

Lab Sample ID: C805327-03
Sampled: 05/20/08 13:05
Sampled By: Mike Iwashchenko

Received: 05/21/08 09:45
Work Order: C805327

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**130000**		ug/L	1	50	100	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Arsenic [7440-38-2] ^	**103**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Barium [7440-39-3] ^	**463**		ug/L	1	0.20	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Beryllium [7440-41-7] ^	**5.20**		ug/L	1	0.70	1.00	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Boron [7440-42-8] ^	**75.5**		ug/L	1	4.0	50.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Calcium [7440-70-2] ^	**57700**		ug/L	1	7.0	100	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Chromium [7440-47-3] ^	**302**	B	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Cobalt [7440-48-4] ^	**148**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Copper [7440-50-8] ^	**44.8**	B	ug/L	1	0.60	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Iron [7439-89-6] ^	**229000**		ug/L	1	20	50	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Lead [7439-92-1] ^	**106**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Magnesium [7439-95-4] ^	**47700**		ug/L	1	20	100	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Manganese [7439-96-5] ^	**1540**		ug/L	1	1.4	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Mercury [7439-97-6] ^	**0.31**		ug/L	1	0.11	0.20	8E29004	EPA 7470A	05/30/08 13:24	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Nickel [7440-02-0] ^	**299**		ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Potassium [7440-09-7] ^	**14200**		ug/L	1	50	500	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Sodium [7440-23-5] ^	**22900**	B	ug/L	1	200	500	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Vanadium [7440-62-2] ^	**384**	B	ug/L	1	1.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	
Zinc [7440-66-6] ^	**805**		ug/L	1	1.0	10.0	8E22002	EPA 6010B	06/03/08 12:04	VLO	

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Description: MW-3
Matrix: Ground Water
Project: Fly Ash

Lab Sample ID: C805327-03
Sampled: 05/20/08 13:05
Sampled By: Mike Iwashchenko

Received: 05/21/08 09:45
Work Order: C805327

Classical Chemistry Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]	18	B	mg/L	1	0.48	5.0	8E21015	SM4500-Cl/E	05/21/08 15:48	PEV	QB-01
Fluoride [16984-48-8]	0.32	B	mg/L	1	0.0053	0.10	8E29010	EPA 340.2	05/29/08 16:25	JOC	QB-01
Nitrate/Nitrite as N [NA]	0.15		mg/L	1	0.022	0.10	8E25003	EPA 353.2	05/25/08 15:00	PEV	
Phosphorus [7723-14-0]	2.8		mg/L	1	0.050	0.10	8E25007	EPA 365.4	05/28/08 10:51	PEV	
Sulfate as SO4 [14808-79-8]	140	D	mg/L	2	0.10	10	8E27026	EPA 300.0	05/28/08 02:52	AJ	
Total Alkalinity [NA]	49		mg/L	1	4.7	15	8E21014	EPA 310.2	05/21/08 18:59	PEV	
Total Dissolved Solids [NA]	360		mg/L	1	10	10	8E22010	EPA 160.1	05/23/08 12:42	JOC	
Total Suspended Solids [NA]	2100		mg/L	1	1.0	1.0	8E27019	EPA 160.2	05/28/08 14:47	FLT	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8E22002 - EPA 3005A

Blank (8E22002-BLK1) Prepared: 05/22/2008 07:40 Analyzed: 06/03/2008 11:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	50	U	100	ug/L							
Antimony	2.0	U	10.0	ug/L							
Arsenic	2.0	U	10.0	ug/L							
Barium	0.20	U	10.0	ug/L							
Beryllium	0.70	U	1.00	ug/L							
Boron	4.0	U	50.0	ug/L							
Cadmium	0.50	U	1.00	ug/L							
Calcium	7.0	U	100	ug/L							
Chromium	**4.4**	**J**	10.0	ug/L							
Cobalt	2.0	U	10.0	ug/L							
Copper	**0.90**	**J**	10.0	ug/L							
Iron	20	U	50	ug/L							
Lead	2.0	U	10.0	ug/L							
Magnesium	20	U	100	ug/L							
Manganese	1.4	U	10.0	ug/L							
Molybdenum	2.0	U	10.0	ug/L							
Nickel	2.0	U	10.0	ug/L							
Potassium	50	U	500	ug/L							
Selenium	2.0	U	10.0	ug/L							
Silver	2.0	U	10.0	ug/L							
Sodium	**297**	**J**	500	ug/L							
Thallium	4.0	U	10.0	ug/L							
Vanadium	**1.1**	**J**	10.0	ug/L							
Zinc	1.0	U	10.0	ug/L							

LCS (8E22002-BS1) Prepared: 05/22/2008 07:40 Analyzed: 06/03/2008 11:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	4880		100	ug/L	5000		98	77-130			
Antimony	253		10.0	ug/L	250		101	82-119			
Arsenic	511		10.0	ug/L	500		102	82-117			
Barium	516		10.0	ug/L	500		103	72-125			
Beryllium	260		1.00	ug/L	250		104	75-121			
Boron	514		50.0	ug/L	500		103	75-122			
Cadmium	261		1.00	ug/L	250		104	72-120			
Calcium	5030		100	ug/L	5000		101	81-111			
Chromium	509	B	10.0	ug/L	500		102	78-119			
Cobalt	508		10.0	ug/L	500		102	76-117			
Copper	251	B	10.0	ug/L	250		100	80-117			
Iron	5090		50	ug/L	5000		102	84-133			
Lead	509		10.0	ug/L	500		102	72-121			
Magnesium	5350		100	ug/L	5000		107	81-117			
Manganese	252		10.0	ug/L	250		101	76-123			
Molybdenum	239		10.0	ug/L	250		95	83-112			
Nickel	517		10.0	ug/L	500		103	78-116			
Potassium	22500		500	ug/L	25000		90	84-112			
Selenium	525		10.0	ug/L	500		105	82-127			
Silver	49.8		10.0	ug/L	50.0		100	80-128			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8E22002 - EPA 3005A

LCS (8E22002-BS1) Continued Prepared: 05/22/2008 07:40 Analyzed: 06/03/2008 11:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	22900	B	500	ug/L	25000		92	81-120			
Thallium	259		10.0	ug/L	250		104	79-118			
Vanadium	244	B	10.0	ug/L	250		98	78-117			
Zinc	512		10.0	ug/L	500		102	80-120			

Matrix Spike (8E22002-MS1) Prepared: 05/22/2008 07:40 Analyzed: 06/03/2008 11:34

Source: C805327-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	104000		100	ug/L	5000	86700	355	78-125			QM-07
Antimony	70.1		10.0	ug/L	250	2.0 U	28	38-138			QM-07
Arsenic	506		10.0	ug/L	500	64.6	88	64-126			
Barium	771		10.0	ug/L	500	284	97	74-119			
Beryllium	240		1.00	ug/L	250	3.80	95	70-131			
Boron	570		50.0	ug/L	500	113	91	77-114			
Cadmium	206		1.00	ug/L	250	0.50 U	82	68-121			
Calcium	51900		100	ug/L	5000	47800	84	63-131			
Chromium	648	B	10.0	ug/L	500	187	92	73-120			
Cobalt	528		10.0	ug/L	500	76.0	90	76-120			
Copper	245	B	10.0	ug/L	250	9.60	94	75-123			
Iron	162000		50	ug/L	5000	157000	112	48-144			
Lead	515		10.0	ug/L	500	67.9	89	68-126			
Magnesium	36100		100	ug/L	5000	31000	102	59-129			
Manganese	1530		10.0	ug/L	250	1330	83	55-146			
Molybdenum	151		10.0	ug/L	250	2.0 U	60	72-118			QM-07
Nickel	631		10.0	ug/L	500	166	93	64-126			
Potassium	35900		500	ug/L	25000	9140	107	53-121			
Selenium	418		10.0	ug/L	500	2.0 U	84	65-129			
Silver	40.8		10.0	ug/L	50.0	2.0 U	82	69-121			
Sodium	40700	B	500	ug/L	25000	15100	103	29-171			
Thallium	189		10.0	ug/L	250	4.0 U	76	67-135			
Vanadium	461	B	10.0	ug/L	250	232	92	71-130			
Zinc	959		10.0	ug/L	500	510	90	63-131			

Matrix Spike Dup (8E22002-MSD1) Prepared: 05/22/2008 07:40 Analyzed: 06/03/2008 11:41

Source: C805327-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	106000		100	ug/L	5000	86700	393	78-125	2	22	QM-07
Antimony	63.2		10.0	ug/L	250	2.0 U	25	38-138	10	30	QM-07
Arsenic	520		10.0	ug/L	500	64.6	91	64-126	3	12	
Barium	790		10.0	ug/L	500	284	101	74-119	2	11	
Beryllium	246		1.00	ug/L	250	3.80	97	70-131	2	21	
Boron	584		50.0	ug/L	500	113	94	77-114	2	11	
Cadmium	211		1.00	ug/L	250	0.50 U	85	68-121	3	12	
Calcium	53100		100	ug/L	5000	47800	108	63-131	2	22	
Chromium	660	B	10.0	ug/L	500	187	95	73-120	2	10	
Cobalt	540		10.0	ug/L	500	76.0	93	76-120	2	17	

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8E22002 - EPA 3005A

Matrix Spike Dup (8E22002-MSD1) Continued Prepared: 05/22/2008 07:40 Analyzed: 06/03/2008 11:41

Source: C805327-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Copper	250	B	10.0	ug/L	250	9.60	96	75-123	2	16	
Iron	166000		50	ug/L	5000	157000	190	48-144	2	23	QM-07
Lead	530		10.0	ug/L	500	67.9	92	68-126	3	19	
Magnesium	36800		100	ug/L	5000	31000	115	59-129	2	22	
Manganese	1570		10.0	ug/L	250	1330	96	55-146	2	19	
Molybdenum	154		10.0	ug/L	250	2.0 U	62	72-118	2	12	QM-07
Nickel	646		10.0	ug/L	500	166	96	64-126	2	12	
Potassium	36400		500	ug/L	25000	9140	109	53-121	2	20	
Selenium	430		10.0	ug/L	500	2.0 U	86	65-129	3	10	
Silver	40.8		10.0	ug/L	50.0	2.0 U	82	69-121	0	12	
Sodium	41700	B	500	ug/L	25000	15100	106	29-171	2	21	
Thallium	195		10.0	ug/L	250	4.0 U	78	67-135	3	13	
Vanadium	470	B	10.0	ug/L	250	232	95	71-130	2	16	
Zinc	980		10.0	ug/L	500	510	94	63-131	2	24	

Batch 8E29004 - EPA 7470A

Blank (8E29004-BLK1) Prepared: 05/29/2008 07:30 Analyzed: 05/30/2008 11:58

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.11	U	0.20	ug/L							

LCS (8E29004-BS1) Prepared: 05/29/2008 07:30 Analyzed: 05/30/2008 12:22

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.20		0.20	ug/L	5.00		104	87-123			

Matrix Spike (8E29004-MS1) Prepared: 05/29/2008 07:30 Analyzed: 05/30/2008 12:08

Source: C805506-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.44		0.20	ug/L	5.00	0.11 U	89	63-132			

Matrix Spike Dup (8E29004-MSD1) Prepared: 05/29/2008 07:30 Analyzed: 05/30/2008 12:11

Source: C805506-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.27		0.20	ug/L	5.00	0.11 U	85	63-132	4	10	

Post Spike (8E29004-PS1) Prepared: 05/29/2008 07:30 Analyzed: 05/30/2008 12:14

Source: C805506-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.47		0.20	ug/L	5.00	-0.01	90	0-200			

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8E21014 - NO PREP

Blank (8E21014-BLK1) Prepared: 05/21/2008 12:09 Analyzed: 05/21/2008 18:45

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	4.7	U	15	mg/L							

LCS (8E21014-BS1) Prepared: 05/21/2008 12:09 Analyzed: 05/21/2008 18:46

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	99		15	mg/L	100		99	80-120			

Matrix Spike (8E21014-MS1) Prepared: 05/21/2008 12:09 Analyzed: 05/21/2008 18:51

Source: C804997-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	100		15	mg/L	100	3.6	101	80-120			

Matrix Spike Dup (8E21014-MSD1) Prepared: 05/21/2008 12:09 Analyzed: 05/21/2008 18:52

Source: C804997-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	100		15	mg/L	100	3.6	100	80-120	1	25	

Batch 8E21015 - NO PREP

Blank (8E21015-BLK1) Prepared: 05/21/2008 12:14 Analyzed: 05/21/2008 15:41

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	**1.4**	**J**	5.0	mg/L							

LCS (8E21015-BS1) Prepared: 05/21/2008 12:14 Analyzed: 05/21/2008 15:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	100	B	5.0	mg/L	100		101	80-120			

Matrix Spike (8E21015-MS1) Prepared: 05/21/2008 12:14 Analyzed: 05/21/2008 15:43

Source: C804997-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	140	B	5.0	mg/L	100	38	100	80-120			

Matrix Spike Dup (8E21015-MSD1) Prepared: 05/21/2008 12:14 Analyzed: 05/21/2008 15:43

Source: C804997-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	140	B	5.0	mg/L	100	38	100	80-120	0.3	25	

Batch 8E22010 - NO PREP

Blank (8E22010-BLK1) Prepared: 05/22/2008 13:00 Analyzed: 05/23/2008 12:42

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8E22010 - NO PREP

Blank (8E22010-BLK1) Continued — Prepared: 05/22/2008 13:00 Analyzed: 05/23/2008 12:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	10	U	10	mg/L							

LCS (8E22010-BS1) — Prepared: 05/22/2008 13:00 Analyzed: 05/23/2008 12:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	290		10	mg/L	300		97	90-110			

Duplicate (8E22010-DUP1) — Prepared: 05/22/2008 13:00 Analyzed: 05/23/2008 12:42

Source: C805327-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	270		10	mg/L		290			6	10	

Batch 8E22024 - NO PREP

Blank (8E22024-BLK1) — Prepared: 05/22/2008 15:39 Analyzed: 05/22/2008 18:38

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	0.05	U	5.0	mg/L							

LCS (8E22024-BS1) — Prepared: 05/22/2008 15:39 Analyzed: 05/22/2008 19:38

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	48		5.0	mg/L	50.0		95	90-110			

Matrix Spike (8E22024-MS1) — Prepared: 05/22/2008 15:39 Analyzed: 05/23/2008 08:29

Source: C805328-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	120	E	5.0	mg/L	50.0	64	113	90-110			QM-02

Matrix Spike Dup (8E22024-MSD1) — Prepared: 05/22/2008 15:39 Analyzed: 05/23/2008 08:58

Source: C805328-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	120	E	5.0	mg/L	50.0	64	115	90-110	0.8	10	QM-02

Batch 8E25003 - NO PREP

Blank (8E25003-BLK1) — Prepared: 05/25/2008 09:07 Analyzed: 05/25/2008 14:13

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	0.022	U	0.10	mg/L							

LCS (8E25003-BS1) — Prepared: 05/25/2008 09:07 Analyzed: 05/25/2008 14:15

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8E25003 - NO PREP

LCS (8E25003-BS1) Continued Prepared: 05/25/2008 09:07 Analyzed: 05/25/2008 14:15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.2		0.10	mg/L	1.25		97	80-120			

Matrix Spike (8E25003-MS1) Prepared: 05/25/2008 09:07 Analyzed: 05/25/2008 14:19

Source: C805258-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.4		0.10	mg/L	1.28	0.022 U	107	80-120			

Matrix Spike Dup (8E25003-MSD1) Prepared: 05/25/2008 09:07 Analyzed: 05/25/2008 14:21

Source: C805258-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.3		0.10	mg/L	1.28	0.022 U	105	80-120	2	25	

Batch 8E25007 - Same

Blank (8E25007-BLK1) Prepared: 05/27/2008 10:30 Analyzed: 05/28/2008 10:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	0.050	U	0.10	mg/L							

LCS (8E25007-BS1) Prepared: 05/27/2008 10:30 Analyzed: 05/28/2008 12:58

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	1.6		0.10	mg/L	1.60		98	80-120			

Matrix Spike (8E25007-MS1) Prepared: 05/27/2008 10:30 Analyzed: 05/28/2008 10:47

Source: C805327-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	3.0		0.10	mg/L	1.60	1.6	89	80-120			

Matrix Spike Dup (8E25007-MSD1) Prepared: 05/27/2008 10:30 Analyzed: 05/28/2008 10:48

Source: C805327-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	3.1		0.10	mg/L	1.60	1.6	90	80-120	0.7	25	

Batch 8E27019 - NO PREP

Blank (8E27019-BLK1) Prepared: 05/27/2008 13:10 Analyzed: 05/28/2008 14:47

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	1.0	U	1.0	mg/L							

LCS (8E27019-BS1) Prepared: 05/27/2008 13:10 Analyzed: 05/28/2008 14:47

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8E27019 - NO PREP

LCS (8E27019-BS1) Continued Prepared: 05/27/2008 13:10 Analyzed: 05/28/2008 14:47

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	88		1.0	mg/L	80.0		110	82-119			

Duplicate (8E27019-DUP1) Prepared: 05/27/2008 13:10 Analyzed: 05/28/2008 14:47

Source: C805349-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	39		1.0	mg/L		40			3	10	

Batch 8E27026 - NO PREP

Blank (8E27026-BLK1) Prepared: 05/27/2008 13:05 Analyzed: 05/27/2008 17:58

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	0.05	U	5.0	mg/L							

LCS (8E27026-BS1) Prepared: 05/27/2008 13:05 Analyzed: 05/27/2008 18:28

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	46		5.0	mg/L	50.0		93	90-110			

Matrix Spike (8E27026-MS1) Prepared: 05/27/2008 13:05 Analyzed: 05/27/2008 19:56

Source: C805259-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	48		5.0	mg/L	50.0	2.0	93	90-110			

Matrix Spike Dup (8E27026-MSD1) Prepared: 05/27/2008 13:05 Analyzed: 05/27/2008 20:26

Source: C805259-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	49		5.0	mg/L	50.0	2.0	94	90-110	1	10	

Batch 8E29010 - NO PREP

Blank (8E29010-BLK1) Prepared & Analyzed: 05/29/2008 16:25

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	**0.022**	**J**	0.10	mg/L							J-01

LCS (8E29010-BS1) Prepared & Analyzed: 05/29/2008 16:25

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	4.9	B	0.10	mg/L	5.00		97	80-120			

Matrix Spike (8E29010-MS1) Prepared & Analyzed: 05/29/2008 16:25

Source: C801752-01

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8E29010 - NO PREP

Matrix Spike (8E29010-MS1) Continued Prepared & Analyzed: 05/29/2008 16:25

Source: C801752-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	11	B	0.10	mg/L	5.00	6.5	82	80-120			

Matrix Spike Dup (8E29010-MSD1) Prepared & Analyzed: 05/29/2008 16:25

Source: C801752-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Fluoride	11	B	0.10	mg/L	5.00	6.5	81	80-120	0.4	25	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
J-01	Result is estimated due to positive results in the associated method blank.
QB-01	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result, which minimizes the impact of the deviation.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10175 Dettrick Port Dr. Orlando, FL 32824 (407) 826-5314 Fax (407) 826-5845
4810 Enterprise Park Court, Suite 213 Jacksonville, FL 32210-6060 (904) 296-3007 Fax (904) 296-6210
1005 Poplar Ridge Way Cary, NC 27513 (919) 677-1669 Fax (919) 677-9515

Page 1 of 1

Client Name: Cambridge Assoc.	Project Number: 116 4360 000
Address: 501 Independence Pkwy #300	Project Name/Site: BAAG field FLY-ASH
City/State: Chesapeake, VA 23320	PO # / Billing Info:
Tel: 757-548-7300 Fax: 757-548-7300	Reporting Contact:
Sampler(s) Name, Affiliation (Print): M. Tarashchenko	Billing Contact: M. Tarashchenko
Sampler(s) Signature: M. Tarashchenko	Facility # (if required):

Requested Analyses: TSS, TDS, T-Phos, Chloride, Chlorine, Sulfate, NO3, Alkalinity, Sr, Ni, Cr, Hg, Pb, Tl, Cu, Mn, Be, Zn, Co, Ag, Cd, V, Sb, Ba, Fe, Na, Mg, K

Requested Turnaround Times: Note: Rush requests subject to acceptance by the facility. X Standard ___ Expedited Due __/__/__

Lab Workorder: 0805307

Preservation (See Codes) (Continue as necessary)

Item #	Sample ID (Field Identifiers)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	TSS	TDS	T-Phos	Chloride	Chlorine	Sulfate	NO3	Alkalinity	Sr	Ni	Cr	Hg	Pb	Tl	Cu	Mn	Be	Zn	Co	Ag	Cd	V	Sb	Ba	Fe	Na	Mg	K	Sample Comments
	MW-1	5-20-08	12:41	C	GW	10	X	X	X	X	X	X	X	X	X	X																		
	MW-2	5-20-08	12:50	C	GW	10	X	X	X	X	X	X	X	X	X	X																		
	MW-3	5-20-08	1:05	C	GW	10	X	X	X	X	X	X	X	X	X	X																		

30 <-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		M. Tarashchenko	5/20/08	Biana Gregory	5/21/08 9:45
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler Rec'd Temp on Receipt: On Ice		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SD-Solid SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: Ice H HCl N HNO3 S H2SO4 NO-None O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist.

www.encolabs.com

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Thursday, June 5, 2008

Kimley-Horn and Associates - VA[KI009]

Attn: Mike Iwashchenko

505 Independence Pkway, Suite 200

Chesapeake, VA 23320

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Fly Ash
ENCO Workorder: C805328

Dear Mike Iwashchenko,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, May 21, 2008.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chuck Smith

Chuck Smith
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 17.

PROJECT NARRATIVE

Client: Kimley-Horn and Associates - VA[KI009]
Project: Fly Ash
ENCO Project ID: C805328

Overview

All samples submitted were analyzed by Environmental Conservation Laboratories, Inc. in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling and processing will be discussed in the Remarks section below.

Remarks

Analysis: Chloride SM4500-Cl/E
Affected Samples: 8E21015-BLK1, WW-1[C805328-01], WW-2[C805328-02]
Description: MB results above MDL but below MRL; associated samples flagged with QB-01
Narrative: The method blank associated to the flagged samples showed a positive result above the MDL, but below the reporting limit. Since the magnitude of the sample result is greater than ten times the concentration of the associated blank, the impact of this nonconformance is considered to be minimal.

Analysis: Sulfate EPA 300.0
Affected Samples: 8E22024-MS1, 8E22024-MSD1, WW-1[C805328-01], WW-2[C805328-02]
Explanation: The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

Analysis: Fluoride EPA 340.2
Affected Samples: WW-1[C805328-01], WW-2[C805328-02]
Description: MB results above MDL but below MRL; associated samples flagged with QB-01
Narrative: The method blank associated to the flagged samples showed a positive result above the MDL, but below the reporting limit. Since the magnitude of the sample result is greater than ten times the concentration of the associated blank, the impact of this nonconformance is considered to be minimal.
Explanation: MB results above MDL but below MRL; associated samples flagged with QB-01

Chuck Smith
Project Manager

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: WW-1 Lab ID: C805328-01 Sampled: 05/19/08 13:28 Received: 05/21/08 09:45

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 160.1	05/26/08	05/22/08	13:00	5/23/2008 12:42
EPA 160.2	05/26/08	05/22/08	14:00	5/23/2008 16:50
EPA 300.0	06/16/08	05/22/08	15:39	5/23/2008 07:29
EPA 310.2	06/02/08	05/21/08	12:09	5/21/2008 19:00
EPA 340.2	06/16/08	05/29/08	16:25	5/29/2008 16:25
EPA 353.2	06/16/08	05/25/08	09:07	5/25/2008 15:02
EPA 365.4	06/16/08	05/27/08	10:30	5/28/2008 10:52
EPA 6010B	11/15/08	05/22/08	07:40	6/3/2008 12:11
EPA 7470A	06/16/08	05/29/08	07:30	5/30/2008 13:27
SM4500-Cl/E	06/16/08	05/21/08	12:14	5/21/2008 15:48

Client ID: WW-2 Lab ID: C805328-02 Sampled: 05/19/08 13:30 Received: 05/21/08 09:45

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 160.1	05/26/08	05/22/08	13:00	5/23/2008 12:42
EPA 160.2	05/26/08	05/22/08	14:00	5/23/2008 16:50
EPA 300.0	06/16/08	05/22/08	15:39	5/23/2008 07:59
EPA 310.2	06/02/08	05/21/08	12:09	5/21/2008 19:00
EPA 340.2	06/16/08	05/29/08	16:25	5/29/2008 16:25
EPA 353.2	06/16/08	05/25/08	09:07	5/25/2008 15:04
EPA 365.4	06/16/08	05/27/08	10:30	5/28/2008 10:53
EPA 6010B	11/15/08	05/22/08	07:40	6/3/2008 12:18
EPA 7470A	06/16/08	05/29/08	07:30	5/30/2008 13:31
SM4500-Cl/E	06/16/08	05/21/08	12:14	5/21/2008 15:49

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SAMPLE DETECTION SUMMARY

Client ID: WW-1 Lab ID: C805328-01

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	501		100	ug/L	EPA 6010B	
Barium	67.1		10.0	ug/L	EPA 6010B	
Boron	46.9	J	50.0	ug/L	EPA 6010B	
Calcium	33200		100	ug/L	EPA 6010B	
Chloride	40	B	5.0	mg/L	SM4500-Cl/E	QB-01
Copper	2.80	JB	10.0	ug/L	EPA 6010B	
Fluoride	0.28	B	0.10	mg/L	EPA 340.2	QB-01
Iron	539		50	ug/L	EPA 6010B	
Magnesium	8630		100	ug/L	EPA 6010B	
Manganese	14.7		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.37		0.10	mg/L	EPA 353.2	
Potassium	5210		500	ug/L	EPA 6010B	
Sodium	21600	B	500	ug/L	EPA 6010B	
Sulfate as SO4	64		5.0	mg/L	EPA 300.0	
Total Alkalinity	120		15	mg/L	EPA 310.2	
Total Dissolved Solids	230		10	mg/L	EPA 160.1	
Total Suspended Solids	3.6		1.0	mg/L	EPA 160.2	
Zinc	25.1		10.0	ug/L	EPA 6010B	

Client ID: WW-2 Lab ID: C805328-02

Analyte	Results	Flag	MRL	Units	Method	Notes
Aluminum	431		100	ug/L	EPA 6010B	
Barium	67.6		10.0	ug/L	EPA 6010B	
Boron	48.0	J	50.0	ug/L	EPA 6010B	
Calcium	33600		100	ug/L	EPA 6010B	
Chloride	39	B	5.0	mg/L	SM4500-Cl/E	QB-01
Copper	1.80	JB	10.0	ug/L	EPA 6010B	
Fluoride	0.29	B	0.10	mg/L	EPA 340.2	QB-01
Iron	459		50	ug/L	EPA 6010B	
Magnesium	8700		100	ug/L	EPA 6010B	
Manganese	12.3		10.0	ug/L	EPA 6010B	
Nitrate/Nitrite as N	0.37		0.10	mg/L	EPA 353.2	
Potassium	5400		500	ug/L	EPA 6010B	
Sodium	21500	B	500	ug/L	EPA 6010B	
Sulfate as SO4	64		5.0	mg/L	EPA 300.0	
Total Alkalinity	45		15	mg/L	EPA 310.2	
Total Dissolved Solids	240		10	mg/L	EPA 160.1	
Total Suspended Solids	3.1		1.0	mg/L	EPA 160.2	
Zinc	35.5		10.0	ug/L	EPA 6010B	

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ANALYTICAL RESULTS

Description: WW-1
Matrix: Ground Water
Project: Fly Ash

Lab Sample ID: C805328-01
Sampled: 05/19/08 13:28
Sampled By: Mike Iwashchenko

Received: 05/21/08 09:45
Work Order: C805328

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NELAC E87610]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**501**		ug/L	1	50	100	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Antimony [7440-36-0] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Arsenic [7440-38-2] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Barium [7440-39-3] ^	**67.1**		ug/L	1	0.20	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Beryllium [7440-41-7] ^	0.70	U	ug/L	1	0.70	1.00	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Boron [7440-42-8] ^	**46.9**	J	ug/L	1	4.0	50.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Cadmium [7440-43-9] ^	0.50	U	ug/L	1	0.50	1.00	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Calcium [7440-70-2] ^	**33200**		ug/L	1	7.0	100	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Chromium [7440-47-3] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Cobalt [7440-48-4] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Copper [7440-50-8] ^	**2.80**	JB	ug/L	1	0.60	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Iron [7439-89-6] ^	**539**		ug/L	1	20	50	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Lead [7439-92-1] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Magnesium [7439-95-4] ^	**8630**		ug/L	1	20	100	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Manganese [7439-96-5] ^	**14.7**		ug/L	1	1.4	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	8E29004	EPA 7470A	05/30/08 13:27	MPL	
Molybdenum [7439-98-7] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Nickel [7440-02-0] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Potassium [7440-09-7] ^	**5210**		ug/L	1	50	500	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Selenium [7782-49-2] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Silver [7440-22-4] ^	2.0	U	ug/L	1	2.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Sodium [7440-23-5] ^	**21600**	B	ug/L	1	200	500	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Thallium [7440-28-0] ^	4.0	U	ug/L	1	4.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Vanadium [7440-62-2] ^	1.0	U	ug/L	1	1.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	
Zinc [7440-66-6] ^	**25.1**		ug/L	1	1.0	10.0	8E22002	EPA 6010B	06/03/08 12:11	VLO	