EAGON & ASSOCIATES, INC.
Consulting Geologists

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March 20, 2014

Mr. Tim Hull
Ohio Environmental Protection Agency
401 East Fifth Street
Dayton, Ohio 45402-2911

RE: Detection Monitoring Program
January 2014 Quarterly Background Sampling Results
CECOS International, Inc. - Aber Road Facility
Williamsburg, Ohio
EPA I.D. No. OHD 087 433 744

Dear Mr. Hull:

On behalf of CECOS International, Inc., transmitted herewith on CD-ROM are the laboratory analytical results for January 2014 background sampling of 18 Detection Monitoring Program (DMP) monitoring wells at CECOS's - Aber Road Facility. The event included sampling and analysis for the RCRA metals (dissolved) at two Channel Sand (CS) wells and 16 Bedrock-Till Interface (BTI) wells.

In accordance with the facility's October 2012 Post-Closure Plan, additional background sampling must be completed for inorganic indicator constituents that do not have a minimum of eight observations to form the basis for statistical comparisons of future results at downgradient monitoring wells. The list of quarterly sampled DMP wells is as follows:

MP-233R (BTI)	MP-244R (BTI)	MP-281C (CS)
MP-234R (BTI)	MP-250 (BTI))	MP-404 (BTI)
MP-235R(BTI)	MP-274 (BTI)	MP-406C (CS)
MP-237 (BTI)	MP-279 (BTI)	MP-407 (BTI)
MP-238R (BTI)	MP-280 (BTI)	MP-408 (BTI)
MP-241R (BTI)	MP-281 (BTI)	MP-409 (BTI)

The January 2014 event constitutes the sixth of eight planned background sampling events to be completed at the 18 wells. All results were generally consistent with previous observations.

The next background sampling event is tentatively scheduled for April 2014 and it is anticipated that the minimum of eight background observations will be available following the planned July 2014 quarterly event. The statistical analysis program will then be updated in time for statistical analysis of all dissolved RCRA metals during the 2014 second semiannual ground-water monitoring event.

Please contact Dan Deborde at (513) 724-6114 if you have any questions regarding this submittal.

Sincerely,

Michael T. Gibson, CPG
Hydrogeologist

MTG/ms
encl.
cc: Steve Johnson, US EPA Region 5 (w/encl.)
Ken Bardo, US EPA Region 5 (w/encl.)
Steve Rabolt, Clermont County Administrator (w/encl.)
Daniel Deborde, Republic Services, Inc. (w/encl.)
Joe Montello, Republic Services, Inc. (w/o encl.)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-53381-1
Client Project/Site: Aber Rd. Landfill - Dissolved Metals

For:
Republic Services Inc
5092 Aber Road
Williamsburg, Ohio 45176

Attn: Mr. Dan Deborde

Authorized for release by:
1/31/2014 9:01:18 AM

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Brian Fischer
Manager of Project Management
1/31/2014 9:01:18 AM

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Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-53381-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-53381-1

Comments
No additional comments.

Receipt
The samples were received on 1/16/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.8º C and 3.1º C.

Metals
Method(s) 6020A: The values obtained for sample DUPLICATE (480-53381-19), MP-235R (480-53381-2), MP-237 (480-53381-3), MP-244R (480-53381-6), MP-281 (480-53381-11) were inconsistent with historical trends for dissolved arsenic. Reanalysis was performed and the values were confirmed. Only the results from the original analysis were provided in this data package.

No other analytical or quality issues were noted.

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-234R

Lab Sample ID: 480-53381-1

Date Collected: 01/14/14 12:15

Matrix: Water

Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.046**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:01	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/28/14 11:56	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:01	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:01	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:01	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:01	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0030**		0.0010		mg/L		01/17/14 12:15	01/21/14 20:04	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:33	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.40**				SU			01/14/14 12:15	1
Field Conductivity	**2768**				umhos/cm			01/14/14 12:15	1
Field Temperature	**12.9**				Degrees C			01/14/14 12:15	1
Field Turbidity	**1.90**				NTU			01/14/14 12:15	1
Oxidation Reduction Potential	**-8.4**				millivolts			01/14/14 12:15	1
Oxygen, Dissolved	**0.19**				mg/L			01/14/14 12:15	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-235R

Lab Sample ID: 480-53381-2

Date Collected: 01/14/14 10:50
Matrix: Water
Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.045**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:04	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/28/14 12:08	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:04	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:04	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:04	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:04	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0015**		0.0010		mg/L		01/17/14 12:15	01/21/14 20:10	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.45**				SU			01/14/14 10:50	1
Field Conductivity	**1584**				umhos/cm			01/14/14 10:50	1
Field Temperature	**12.6**				Degrees C			01/14/14 10:50	1
Field Turbidity	**1.64**				NTU			01/14/14 10:50	1
Oxidation Reduction Potential	**10.8**				millivolts			01/14/14 10:50	1
Oxygen, Dissolved	**0.16**				mg/L			01/14/14 10:50	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-237

Lab Sample ID: 480-53381-3

Date Collected: 01/14/14 10:00

Matrix: Water

Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.029**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:07	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/28/14 12:11	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:07	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:07	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:07	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:07	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010		mg/L		01/17/14 12:15	01/21/14 20:15	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:37	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.77**				SU			01/14/14 10:00	1
Field Conductivity	**1072**				umhos/cm			01/14/14 10:00	1
Field Temperature	**13.2**				Degrees C			01/14/14 10:00	1
Field Turbidity	**8.66**				NTU			01/14/14 10:00	1
Oxidation Reduction Potential	**-47.2**				millivolts			01/14/14 10:00	1
Oxygen, Dissolved	**0.41**				mg/L			01/14/14 10:00	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-250

Lab Sample ID: 480-53381-4

Date Collected: 01/14/14 09:10
Matrix: Water
Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.053**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:18	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 18:18	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:18	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:18	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:18	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:18	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010		mg/L		01/17/14 12:15	01/21/14 20:21	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.33**				SU			01/14/14 09:10	1
Field Conductivity	**941**				umhos/cm			01/14/14 09:10	1
Field Temperature	**12.1**				Degrees C			01/14/14 09:10	1
Field Turbidity	**0.89**				NTU			01/14/14 09:10	1
Oxidation Reduction Potential	**25.1**				millivolts			01/14/14 09:10	1
Oxygen, Dissolved	**0.31**				mg/L			01/14/14 09:10	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-404

Date Collected: 01/14/14 08:30
Date Received: 01/16/14 09:30

Lab Sample ID: 480-53381-5

Matrix: Water

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.40**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:21	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 18:21	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:21	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:21	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:21	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:21	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0022**		0.0010		mg/L		01/17/14 12:15	01/21/14 20:26	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.43**				SU			01/14/14 08:30	1
Field Conductivity	**1526**				umhos/cm			01/14/14 08:30	1
Field Temperature	**12.0**				Degrees C			01/14/14 08:30	1
Field Turbidity	**5.41**				NTU			01/14/14 08:30	1
Oxidation Reduction Potential	**-49.3**				millivolts			01/14/14 08:30	1
Oxygen, Dissolved	**0.38**				mg/L			01/14/14 08:30	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-244R

Lab Sample ID: 480-53381-6

Date Collected: 01/14/14 08:10
Matrix: Water
Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.023**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:24	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 18:24	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:24	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:24	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:24	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:24	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010		mg/L		01/17/14 12:15	01/21/14 20:32	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.51**				SU			01/14/14 08:10	1
Field Conductivity	**1547**				umhos/cm			01/14/14 08:10	1
Field Temperature	**12.6**				Degrees C			01/14/14 08:10	1
Field Turbidity	**3.37**				NTU			01/14/14 08:10	1
Oxidation Reduction Potential	**-65.4**				millivolts			01/14/14 08:10	1
Oxygen, Dissolved	**0.21**				mg/L			01/14/14 08:10	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-280

Lab Sample ID: 480-53381-7

Date Collected: 01/13/14 17:20
Matrix: Water
Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.35**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:27	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 18:27	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:27	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:27	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:27	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:27	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.026**		0.0010		mg/L		01/17/14 12:15	01/21/14 20:37	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.66**				SU			01/13/14 17:20	1
Field Conductivity	**1384**				umhos/cm			01/13/14 17:20	1
Field Temperature	**12.5**				Degrees C			01/13/14 17:20	1
Field Turbidity	**5.32**				NTU			01/13/14 17:20	1
Oxidation Reduction Potential	**-159.1**				millivolts			01/13/14 17:20	1
Oxygen, Dissolved	**0.06**				mg/L			01/13/14 17:20	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-274

Lab Sample ID: 480-53381-8

Date Collected: 01/13/14 16:30

Matrix: Water

Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.40**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:30	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 18:30	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:30	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:30	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:30	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:30	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0016**		0.0010		mg/L		01/17/14 12:15	01/21/14 20:43	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.58**				SU			01/13/14 16:30	1
Field Conductivity	**1151**				umhos/cm			01/13/14 16:30	1
Field Temperature	**13.1**				Degrees C			01/13/14 16:30	1
Field Turbidity	**2.04**				NTU			01/13/14 16:30	1
Oxidation Reduction Potential	**-42.0**				millivolts			01/13/14 16:30	1
Oxygen, Dissolved	**0.10**				mg/L			01/13/14 16:30	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-279

Lab Sample ID: 480-53381-9

Date Collected: 01/13/14 15:50
Matrix: Water
Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.96**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:33	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 18:33	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:33	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:33	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:33	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:33	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.012**		0.0010		mg/L		01/17/14 12:15	01/21/14 21:06	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.05**				SU			01/13/14 15:50	1
Field Conductivity	**7116**				umhos/cm			01/13/14 15:50	1
Field Temperature	**11.9**				Degrees C			01/13/14 15:50	1
Field Turbidity	**1.26**				NTU			01/13/14 15:50	1
Oxidation Reduction Potential	**-29.9**				millivolts			01/13/14 15:50	1
Oxygen, Dissolved	**0.16**				mg/L			01/13/14 15:50	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-281C

Lab Sample ID: 480-53381-10

Date Collected: 01/13/14 15:15

Matrix: Water

Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.055**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:36	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 18:36	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:36	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:36	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:36	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:36	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0045**		0.0010		mg/L		01/17/14 12:15	01/21/14 21:12	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:52	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.17**				SU			01/13/14 15:15	1
Field Conductivity	**1161**				umhos/cm			01/13/14 15:15	1
Field Temperature	**13.7**				Degrees C			01/13/14 15:15	1
Field Turbidity	**1.85**				NTU			01/13/14 15:15	1
Oxidation Reduction Potential	**-29.0**				millivolts			01/13/14 15:15	1
Oxygen, Dissolved	**0.07**				mg/L			01/13/14 15:15	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-281

Date Collected: 01/13/14 14:45
Date Received: 01/16/14 09:30

Lab Sample ID: 480-53381-11

Matrix: Water

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.28**		0.0020		mg/L		01/17/14 08:35	01/27/14 18:39	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 18:39	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:39	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 18:39	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 18:39	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 18:39	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0012**		0.0010		mg/L		01/17/14 12:15	01/21/14 21:18	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:54	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.33**				SU			01/13/14 14:45	1
Field Conductivity	**1443**				umhos/cm			01/13/14 14:45	1
Field Temperature	**13.7**				Degrees C			01/13/14 14:45	1
Field Turbidity	**1.09**				NTU			01/13/14 14:45	1
Oxidation Reduction Potential	**-40.0**				millivolts			01/13/14 14:45	1
Oxygen, Dissolved	**0.05**				mg/L			01/13/14 14:45	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-407

Date Collected: 01/13/14 14:10
Date Received: 01/16/14 09:30

Lab Sample ID: 480-53381-12

Matrix: Water

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.71**		0.0020		mg/L		01/17/14 08:35	01/27/14 19:01	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 19:01	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:01	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:01	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 19:01	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 19:01	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0036**		0.0010		mg/L		01/17/14 12:15	01/21/14 21:45	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 13:00	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.50**				SU			01/13/14 14:10	1
Field Conductivity	**1958**				umhos/cm			01/13/14 14:10	1
Field Temperature	**13.9**				Degrees C			01/13/14 14:10	1
Field Turbidity	**4.84**				NTU			01/13/14 14:10	1
Oxidation Reduction Potential	**-96.6**				millivolts			01/13/14 14:10	1
Oxygen, Dissolved	**0.07**				mg/L			01/13/14 14:10	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-408

Date Collected: 01/13/14 12:47
Date Received: 01/16/14 09:30

Lab Sample ID: 480-53381-13

Matrix: Water

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.71**		0.0020		mg/L		01/17/14 08:35	01/27/14 19:04	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 19:04	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:04	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:04	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 19:04	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 19:04	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.048**		0.0010		mg/L		01/17/14 12:15	01/21/14 21:51	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 13:02	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.29**				SU			01/13/14 12:47	1
Field Conductivity	**4512**				umhos/cm			01/13/14 12:47	1
Field Temperature	**13.7**				Degrees C			01/13/14 12:47	1
Field Turbidity	**9.55**				NTU			01/13/14 12:47	1
Oxidation Reduction Potential	**-108.3**				millivolts			01/13/14 12:47	1
Oxygen, Dissolved	**0.09**				mg/L			01/13/14 12:47	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-406C

Date Collected: 01/13/14 12:10
Date Received: 01/16/14 09:30

Lab Sample ID: 480-53381-14

Matrix: Water

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.15**		0.0020		mg/L		01/17/14 08:35	01/27/14 19:07	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 19:07	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:07	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:07	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 19:07	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 19:07	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0034**		0.0010		mg/L		01/17/14 12:15	01/21/14 21:56	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 13:04	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.29**				SU			01/13/14 12:10	1
Field Conductivity	**1021**				umhos/cm			01/13/14 12:10	1
Field Temperature	**13.6**				Degrees C			01/13/14 12:10	1
Field Turbidity	**3.16**				NTU			01/13/14 12:10	1
Oxidation Reduction Potential	**-26**				millivolts			01/13/14 12:10	1
Oxygen, Dissolved	**0.13**				mg/L			01/13/14 12:10	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-409

Lab Sample ID: 480-53381-15

Date Collected: 01/13/14 11:38
Matrix: Water
Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.12**		0.0020		mg/L		01/17/14 08:35	01/27/14 19:10	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 19:10	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:10	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:10	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 19:10	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 19:10	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0019**		0.0010		mg/L		01/17/14 12:15	01/21/14 22:20	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 13:06	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.37**				SU			01/13/14 11:38	1
Field Conductivity	**899**				umhos/cm			01/13/14 11:38	1
Field Temperature	**12.9**				Degrees C			01/13/14 11:38	1
Field Turbidity	**6.18**				NTU			01/13/14 11:38	1
Oxidation Reduction Potential	**-63.0**				millivolts			01/13/14 11:38	1
Oxygen, Dissolved	**0.07**				mg/L			01/13/14 11:38	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-241R

Date Collected: 01/13/14 14:53
Date Received: 01/16/14 09:30

Lab Sample ID: 480-53381-16

Matrix: Water

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.051**		0.0020		mg/L		01/17/14 08:35	01/27/14 19:13	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 19:13	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:13	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:13	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 19:13	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 19:13	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0019**		0.0010		mg/L		01/17/14 12:15	01/21/14 22:25	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 13:11	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.04**				SU			01/13/14 14:53	1
Field Conductivity	**910**				umhos/cm			01/13/14 14:53	1
Field Temperature	**12.4**				Degrees C			01/13/14 14:53	1
Field Turbidity	**3.64**				NTU			01/13/14 14:53	1
Oxidation Reduction Potential	**-213**				millivolts			01/13/14 14:53	1
Oxygen, Dissolved	**0.17**				mg/L			01/13/14 14:53	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-238R

Lab Sample ID: 480-53381-17

Date Collected: 01/13/14 15:43
Date Received: 01/16/14 09:30

Matrix: Water

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.046**		0.0020		mg/L		01/17/14 08:35	01/27/14 19:16	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 19:16	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:16	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:16	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 19:16	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 19:16	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010		mg/L		01/17/14 12:15	01/21/14 22:31	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 13:13	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.55**				SU			01/13/14 15:43	1
Field Conductivity	**910**				umhos/cm			01/13/14 15:43	1
Field Temperature	**12.9**				Degrees C			01/13/14 15:43	1
Field Turbidity	**1.53**				NTU			01/13/14 15:43	1
Oxidation Reduction Potential	**25**				millivolts			01/13/14 15:43	1
Oxygen, Dissolved	**0.23**				mg/L			01/13/14 15:43	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-233R

Date Collected: 01/13/14 16:24
Date Received: 01/16/14 09:30

Lab Sample ID: 480-53381-18

Matrix: Water

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.47**		0.0020		mg/L		01/17/14 08:35	01/27/14 19:27	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 19:27	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:27	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:27	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 19:27	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 19:27	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0041**		0.0010		mg/L		01/17/14 12:15	01/21/14 22:36	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 13:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.52**				SU			01/13/14 16:24	1
Field Conductivity	**1952**				umhos/cm			01/13/14 16:24	1
Field Temperature	**13.0**				Degrees C			01/13/14 16:24	1
Field Turbidity	**4.97**				NTU			01/13/14 16:24	1
Oxidation Reduction Potential	**-73**				millivolts			01/13/14 16:24	1
Oxygen, Dissolved	**0.16**				mg/L			01/13/14 16:24	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: DUPLICATE

Lab Sample ID: 480-53381-19

Date Collected: 01/13/14 12:10
Matrix: Water
Date Received: 01/16/14 09:30

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.15**		0.0020		mg/L		01/17/14 08:35	01/27/14 19:30	1
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/27/14 19:30	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:30	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 19:30	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 19:30	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 19:30	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0033**		0.0010		mg/L		01/17/14 12:15	01/21/14 22:42	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 13:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.29**				SU			01/13/14 12:10	1
Field Conductivity	**1021**				umhos/cm			01/13/14 12:10	1
Field Temperature	**13.6**				Degrees C			01/13/14 12:10	1
Field Turbidity	**3.16**				NTU			01/13/14 12:10	1
Oxidation Reduction Potential	**-26**				millivolts			01/13/14 12:10	1
Oxygen, Dissolved	**0.13**				mg/L			01/13/14 12:10	1

QC Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-162028/1-B — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 163463 — **Prep Batch: 162030**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	ND		0.0020		mg/L		01/17/14 08:35	01/27/14 17:56	1
Chromium, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 17:56	1
Lead, Dissolved	ND		0.0050		mg/L		01/17/14 08:35	01/27/14 17:56	1
Selenium, Dissolved	ND		0.015		mg/L		01/17/14 08:35	01/27/14 17:56	1
Silver, Dissolved	ND		0.0030		mg/L		01/17/14 08:35	01/27/14 17:56	1

Lab Sample ID: MB 480-162028/1-B — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 163662 — **Prep Batch: 162030**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium, Dissolved	ND		0.0010		mg/L		01/17/14 08:35	01/28/14 11:51	1

Lab Sample ID: LCS 480-162028/2-B — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 163463 — **Prep Batch: 162030**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium, Dissolved	0.200	0.217		mg/L		109	80 - 120
Chromium, Dissolved	0.200	0.219		mg/L		109	80 - 120
Lead, Dissolved	0.200	0.212		mg/L		106	80 - 120
Selenium, Dissolved	0.200	0.213		mg/L		106	80 - 120
Silver, Dissolved	0.0500	0.0549		mg/L		110	80 - 120

Lab Sample ID: LCS 480-162028/2-B — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 163662 — **Prep Batch: 162030**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium, Dissolved	0.200	0.207		mg/L		104	80 - 120

Lab Sample ID: 480-53381-11MS — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 163463 — **Prep Batch: 162030**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium, Dissolved	0.28		0.200	0.477		mg/L		100	75 - 125
Cadmium, Dissolved	ND		0.200	0.214		mg/L		107	75 - 125
Chromium, Dissolved	ND		0.200	0.214		mg/L		106	75 - 125
Lead, Dissolved	ND		0.200	0.215		mg/L		107	75 - 125
Selenium, Dissolved	ND		0.200	0.216		mg/L		108	75 - 125
Silver, Dissolved	ND		0.0500	0.0554		mg/L		111	75 - 125

Lab Sample ID: 480-53381-11MSD — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 163463 — **Prep Batch: 162030**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium, Dissolved	0.28		0.200	0.476		mg/L		100	75 - 125	0	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-53381-11MSD — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 163463 — **Prep Batch: 162030**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium, Dissolved	ND		0.200	0.213		mg/L		106	75 - 125	1	20
Chromium, Dissolved	ND		0.200	0.216		mg/L		107	75 - 125	1	20
Lead, Dissolved	ND		0.200	0.213		mg/L		106	75 - 125	1	20
Selenium, Dissolved	ND		0.200	0.211		mg/L		105	75 - 125	2	20
Silver, Dissolved	ND		0.0500	0.0561		mg/L		112	75 - 125	1	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 480-162028/5-B — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 162767 — **Prep Batch: 162121**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010		mg/L		01/17/14 12:15	01/21/14 19:53	1

Lab Sample ID: LCS 480-162028/6-B — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 162767 — **Prep Batch: 162121**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.0200	0.0209		mg/L		104	80 - 120

Lab Sample ID: 480-53381-11MS — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 162767 — **Prep Batch: 162121**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.0012		0.0200	0.0236		mg/L		112	75 - 125

Lab Sample ID: 480-53381-11MSD — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 162767 — **Prep Batch: 162121**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic, Dissolved	0.0012		0.0200	0.0233		mg/L		111	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-162028/3-B — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 162157 — **Prep Batch: 162062**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020		mg/L		01/17/14 09:30	01/17/14 12:30	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-162028/4-B — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 162157 — **Prep Batch: 162062**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury, Dissolved			0.00667	0.00672		mg/L		101	80 - 120		

Lab Sample ID: 480-53381-11MS — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 162157 — **Prep Batch: 162062**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury, Dissolved	ND		0.00667	0.00563		mg/L		84	75 - 125		

Lab Sample ID: 480-53381-11MSD — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 162157 — **Prep Batch: 162062**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury, Dissolved	ND		0.00667	0.00567		mg/L		85	75 - 125	1	20

QC Association Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Metals

Filtration Batch: 162028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-162028/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCS 480-162028/4-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCS 480-162028/6-B	Lab Control Sample	Dissolved	Water	FILTRATION	
MB 480-162028/1-B	Method Blank	Dissolved	Water	FILTRATION	
MB 480-162028/3-B	Method Blank	Dissolved	Water	FILTRATION	
MB 480-162028/5-B	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 162030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-1	MP-234R	Dissolved	Water	3005A	
480-53381-2	MP-235R	Dissolved	Water	3005A	
480-53381-3	MP-237	Dissolved	Water	3005A	
480-53381-4	MP-250	Dissolved	Water	3005A	
480-53381-5	MP-404	Dissolved	Water	3005A	
480-53381-6	MP-244R	Dissolved	Water	3005A	
480-53381-7	MP-280	Dissolved	Water	3005A	
480-53381-8	MP-274	Dissolved	Water	3005A	
480-53381-9	MP-279	Dissolved	Water	3005A	
480-53381-10	MP-281C	Dissolved	Water	3005A	
480-53381-11	MP-281	Dissolved	Water	3005A	
480-53381-11MS	MP-281	Dissolved	Water	3005A	
480-53381-11MSD	MP-281	Dissolved	Water	3005A	
480-53381-12	MP-407	Dissolved	Water	3005A	
480-53381-13	MP-408	Dissolved	Water	3005A	
480-53381-14	MP-406C	Dissolved	Water	3005A	
480-53381-15	MP-409	Dissolved	Water	3005A	
480-53381-16	MP-241R	Dissolved	Water	3005A	
480-53381-17	MP-238R	Dissolved	Water	3005A	
480-53381-18	MP-233R	Dissolved	Water	3005A	
480-53381-19	DUPLICATE	Dissolved	Water	3005A	
LCS 480-162028/2-B	Lab Control Sample	Dissolved	Water	3005A	162028
MB 480-162028/1-B	Method Blank	Dissolved	Water	3005A	162028

Prep Batch: 162062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-1	MP-234R	Dissolved	Water	7470A	
480-53381-2	MP-235R	Dissolved	Water	7470A	
480-53381-3	MP-237	Dissolved	Water	7470A	
480-53381-4	MP-250	Dissolved	Water	7470A	
480-53381-5	MP-404	Dissolved	Water	7470A	
480-53381-6	MP-244R	Dissolved	Water	7470A	
480-53381-7	MP-280	Dissolved	Water	7470A	
480-53381-8	MP-274	Dissolved	Water	7470A	
480-53381-9	MP-279	Dissolved	Water	7470A	
480-53381-10	MP-281C	Dissolved	Water	7470A	
480-53381-11	MP-281	Dissolved	Water	7470A	
480-53381-11MS	MP-281	Dissolved	Water	7470A	
480-53381-11MSD	MP-281	Dissolved	Water	7470A	
480-53381-12	MP-407	Dissolved	Water	7470A	
480-53381-13	MP-408	Dissolved	Water	7470A	
480-53381-14	MP-406C	Dissolved	Water	7470A	

Metals (Continued)

Prep Batch: 162062 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-15	MP-409	Dissolved	Water	7470A	
480-53381-16	MP-241R	Dissolved	Water	7470A	
480-53381-17	MP-238R	Dissolved	Water	7470A	
480-53381-18	MP-233R	Dissolved	Water	7470A	
480-53381-19	DUPLICATE	Dissolved	Water	7470A	
LCS 480-162028/4-B	Lab Control Sample	Dissolved	Water	7470A	162028
MB 480-162028/3-B	Method Blank	Dissolved	Water	7470A	162028

Prep Batch: 162121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-1	MP-234R	Dissolved	Water	3020A	
480-53381-2	MP-235R	Dissolved	Water	3020A	
480-53381-3	MP-237	Dissolved	Water	3020A	
480-53381-4	MP-250	Dissolved	Water	3020A	
480-53381-5	MP-404	Dissolved	Water	3020A	
480-53381-6	MP-244R	Dissolved	Water	3020A	
480-53381-7	MP-280	Dissolved	Water	3020A	
480-53381-8	MP-274	Dissolved	Water	3020A	
480-53381-9	MP-279	Dissolved	Water	3020A	
480-53381-10	MP-281C	Dissolved	Water	3020A	
480-53381-11	MP-281	Dissolved	Water	3020A	
480-53381-11MS	MP-281	Dissolved	Water	3020A	
480-53381-11MSD	MP-281	Dissolved	Water	3020A	
480-53381-12	MP-407	Dissolved	Water	3020A	
480-53381-13	MP-408	Dissolved	Water	3020A	
480-53381-14	MP-406C	Dissolved	Water	3020A	
480-53381-15	MP-409	Dissolved	Water	3020A	
480-53381-16	MP-241R	Dissolved	Water	3020A	
480-53381-17	MP-238R	Dissolved	Water	3020A	
480-53381-18	MP-233R	Dissolved	Water	3020A	
480-53381-19	DUPLICATE	Dissolved	Water	3020A	
LCS 480-162028/6-B	Lab Control Sample	Dissolved	Water	3020A	162028
MB 480-162028/5-B	Method Blank	Dissolved	Water	3020A	162028

Analysis Batch: 162157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-1	MP-234R	Dissolved	Water	7470A	162062
480-53381-2	MP-235R	Dissolved	Water	7470A	162062
480-53381-3	MP-237	Dissolved	Water	7470A	162062
480-53381-4	MP-250	Dissolved	Water	7470A	162062
480-53381-5	MP-404	Dissolved	Water	7470A	162062
480-53381-6	MP-244R	Dissolved	Water	7470A	162062
480-53381-7	MP-280	Dissolved	Water	7470A	162062
480-53381-8	MP-274	Dissolved	Water	7470A	162062
480-53381-9	MP-279	Dissolved	Water	7470A	162062
480-53381-10	MP-281C	Dissolved	Water	7470A	162062
480-53381-11	MP-281	Dissolved	Water	7470A	162062
480-53381-11MS	MP-281	Dissolved	Water	7470A	162062
480-53381-11MSD	MP-281	Dissolved	Water	7470A	162062
480-53381-12	MP-407	Dissolved	Water	7470A	162062
480-53381-13	MP-408	Dissolved	Water	7470A	162062

Metals (Continued)

Analysis Batch: 162157 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-14	MP-406C	Dissolved	Water	7470A	162062
480-53381-15	MP-409	Dissolved	Water	7470A	162062
480-53381-16	MP-241R	Dissolved	Water	7470A	162062
480-53381-17	MP-238R	Dissolved	Water	7470A	162062
480-53381-18	MP-233R	Dissolved	Water	7470A	162062
480-53381-19	DUPLICATE	Dissolved	Water	7470A	162062
LCS 480-162028/4-B	Lab Control Sample	Dissolved	Water	7470A	162062
MB 480-162028/3-B	Method Blank	Dissolved	Water	7470A	162062

Analysis Batch: 162767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-1	MP-234R	Dissolved	Water	6020A	162121
480-53381-2	MP-235R	Dissolved	Water	6020A	162121
480-53381-3	MP-237	Dissolved	Water	6020A	162121
480-53381-4	MP-250	Dissolved	Water	6020A	162121
480-53381-5	MP-404	Dissolved	Water	6020A	162121
480-53381-6	MP-244R	Dissolved	Water	6020A	162121
480-53381-7	MP-280	Dissolved	Water	6020A	162121
480-53381-8	MP-274	Dissolved	Water	6020A	162121
480-53381-9	MP-279	Dissolved	Water	6020A	162121
480-53381-10	MP-281C	Dissolved	Water	6020A	162121
480-53381-11	MP-281	Dissolved	Water	6020A	162121
480-53381-11MS	MP-281	Dissolved	Water	6020A	162121
480-53381-11MSD	MP-281	Dissolved	Water	6020A	162121
480-53381-12	MP-407	Dissolved	Water	6020A	162121
480-53381-13	MP-408	Dissolved	Water	6020A	162121
480-53381-14	MP-406C	Dissolved	Water	6020A	162121
480-53381-15	MP-409	Dissolved	Water	6020A	162121
480-53381-16	MP-241R	Dissolved	Water	6020A	162121
480-53381-17	MP-238R	Dissolved	Water	6020A	162121
480-53381-18	MP-233R	Dissolved	Water	6020A	162121
480-53381-19	DUPLICATE	Dissolved	Water	6020A	162121
LCS 480-162028/6-B	Lab Control Sample	Dissolved	Water	6020A	162121
MB 480-162028/5-B	Method Blank	Dissolved	Water	6020A	162121

Analysis Batch: 163463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-1	MP-234R	Dissolved	Water	6010C	162030
480-53381-2	MP-235R	Dissolved	Water	6010C	162030
480-53381-3	MP-237	Dissolved	Water	6010C	162030
480-53381-4	MP-250	Dissolved	Water	6010C	162030
480-53381-5	MP-404	Dissolved	Water	6010C	162030
480-53381-6	MP-244R	Dissolved	Water	6010C	162030
480-53381-7	MP-280	Dissolved	Water	6010C	162030
480-53381-8	MP-274	Dissolved	Water	6010C	162030
480-53381-9	MP-279	Dissolved	Water	6010C	162030
480-53381-10	MP-281C	Dissolved	Water	6010C	162030
480-53381-11	MP-281	Dissolved	Water	6010C	162030
480-53381-11MS	MP-281	Dissolved	Water	6010C	162030
480-53381-11MSD	MP-281	Dissolved	Water	6010C	162030
480-53381-12	MP-407	Dissolved	Water	6010C	162030

Metals (Continued)

Analysis Batch: 163463 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-13	MP-408	Dissolved	Water	6010C	162030
480-53381-14	MP-406C	Dissolved	Water	6010C	162030
480-53381-15	MP-409	Dissolved	Water	6010C	162030
480-53381-16	MP-241R	Dissolved	Water	6010C	162030
480-53381-17	MP-238R	Dissolved	Water	6010C	162030
480-53381-18	MP-233R	Dissolved	Water	6010C	162030
480-53381-19	DUPLICATE	Dissolved	Water	6010C	162030
LCS 480-162028/2-B	Lab Control Sample	Dissolved	Water	6010C	162030
MB 480-162028/1-B	Method Blank	Dissolved	Water	6010C	162030

Analysis Batch: 163662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-1	MP-234R	Dissolved	Water	6010C	162030
480-53381-2	MP-235R	Dissolved	Water	6010C	162030
480-53381-3	MP-237	Dissolved	Water	6010C	162030
LCS 480-162028/2-B	Lab Control Sample	Dissolved	Water	6010C	162030
MB 480-162028/1-B	Method Blank	Dissolved	Water	6010C	162030

Field Service / Mobile Lab

Analysis Batch: 162162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-53381-1	MP-234R	Total/NA	Water	Field Sampling	
480-53381-2	MP-235R	Total/NA	Water	Field Sampling	
480-53381-3	MP-237	Total/NA	Water	Field Sampling	
480-53381-4	MP-250	Total/NA	Water	Field Sampling	
480-53381-5	MP-404	Total/NA	Water	Field Sampling	
480-53381-6	MP-244R	Total/NA	Water	Field Sampling	
480-53381-7	MP-280	Total/NA	Water	Field Sampling	
480-53381-8	MP-274	Total/NA	Water	Field Sampling	
480-53381-9	MP-279	Total/NA	Water	Field Sampling	
480-53381-10	MP-281C	Total/NA	Water	Field Sampling	
480-53381-11	MP-281	Total/NA	Water	Field Sampling	
480-53381-11MS	MP-281	Total/NA	Water	Field Sampling	
480-53381-11MSD	MP-281	Total/NA	Water	Field Sampling	
480-53381-12	MP-407	Total/NA	Water	Field Sampling	
480-53381-13	MP-408	Total/NA	Water	Field Sampling	
480-53381-14	MP-406C	Total/NA	Water	Field Sampling	
480-53381-15	MP-409	Total/NA	Water	Field Sampling	
480-53381-16	MP-241R	Total/NA	Water	Field Sampling	
480-53381-17	MP-238R	Total/NA	Water	Field Sampling	
480-53381-18	MP-233R	Total/NA	Water	Field Sampling	
480-53381-19	DUPLICATE	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-234R

Lab Sample ID: 480-53381-1
Date Collected: 01/14/14 12:15
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:33	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 20:04	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:01	MTM2	TAL BUF
Dissolved	Analysis	6010C		1	163662	01/28/14 11:56	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/14/14 12:15	FLD	TAL BUF

Client Sample ID: MP-235R

Lab Sample ID: 480-53381-2
Date Collected: 01/14/14 10:50
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:35	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 20:10	MTM2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:04	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163662	01/28/14 12:08	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/14/14 10:50	FLD	TAL BUF

Client Sample ID: MP-237

Lab Sample ID: 480-53381-3
Date Collected: 01/14/14 10:00
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:37	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 20:15	MTM2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:07	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163662	01/28/14 12:11	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/14/14 10:00	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-250

Lab Sample ID: 480-53381-4

Date Collected: 01/14/14 09:10
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:38	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 20:21	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:18	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/14/14 09:10	FLD	TAL BUF

Client Sample ID: MP-404

Lab Sample ID: 480-53381-5

Date Collected: 01/14/14 08:30
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:40	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 20:26	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:21	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/14/14 08:30	FLD	TAL BUF

Client Sample ID: MP-244R

Lab Sample ID: 480-53381-6

Date Collected: 01/14/14 08:10
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:42	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 20:32	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:24	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/14/14 08:10	FLD	TAL BUF

Client Sample ID: MP-280

Lab Sample ID: 480-53381-7

Date Collected: 01/13/14 17:20
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:44	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 20:37	MTM2	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-280

Lab Sample ID: 480-53381-7
Date Collected: 01/13/14 17:20
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:27	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 17:20	FLD	TAL BUF

Client Sample ID: MP-274

Lab Sample ID: 480-53381-8
Date Collected: 01/13/14 16:30
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:45	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 20:43	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:30	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 16:30	FLD	TAL BUF

Client Sample ID: MP-279

Lab Sample ID: 480-53381-9
Date Collected: 01/13/14 15:50
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:50	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 21:06	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:33	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 15:50	FLD	TAL BUF

Client Sample ID: MP-281C

Lab Sample ID: 480-53381-10
Date Collected: 01/13/14 15:15
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:52	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 21:12	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:36	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 15:15	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-281

Lab Sample ID: 480-53381-11

Date Collected: 01/13/14 14:45
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 12:54	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 21:18	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 18:39	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 14:45	FLD	TAL BUF

Client Sample ID: MP-407

Lab Sample ID: 480-53381-12

Date Collected: 01/13/14 14:10
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 13:00	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 21:45	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 19:01	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 14:10	FLD	TAL BUF

Client Sample ID: MP-408

Lab Sample ID: 480-53381-13

Date Collected: 01/13/14 12:47
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 13:02	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 21:51	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 19:04	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 12:47	FLD	TAL BUF

Client Sample ID: MP-406C

Lab Sample ID: 480-53381-14

Date Collected: 01/13/14 12:10
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 13:04	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 21:56	MTM2	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-406C

Lab Sample ID: 480-53381-14
Date Collected: 01/13/14 12:10
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 19:07	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 12:10	FLD	TAL BUF

Client Sample ID: MP-409

Lab Sample ID: 480-53381-15
Date Collected: 01/13/14 11:38
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 13:06	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 22:20	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 19:10	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 11:38	FLD	TAL BUF

Client Sample ID: MP-241R

Lab Sample ID: 480-53381-16
Date Collected: 01/13/14 14:53
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 13:11	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 22:25	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 19:13	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 14:53	FLD	TAL BUF

Client Sample ID: MP-238R

Lab Sample ID: 480-53381-17
Date Collected: 01/13/14 15:43
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 13:13	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 22:31	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 19:16	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 15:43	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Client Sample ID: MP-233R

Lab Sample ID: 480-53381-18

Date Collected: 01/13/14 16:24
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 13:14	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 22:36	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 19:27	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 16:24	FLD	TAL BUF

Client Sample ID: DUPLICATE

Lab Sample ID: 480-53381-19

Date Collected: 01/13/14 12:10
Matrix: Water
Date Received: 01/16/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			162062	01/17/14 09:30	SS1	TAL BUF
Dissolved	Analysis	7470A		1	162157	01/17/14 13:16	SS1	TAL BUF
Dissolved	Prep	3020A			162121	01/17/14 12:15	NMD2	TAL BUF
Dissolved	Analysis	6020A		1	162767	01/21/14 22:42	MTM2	TAL BUF
Dissolved	Prep	3005A			162030	01/17/14 08:35	NMD2	TAL BUF
Dissolved	Analysis	6010C		1	163463	01/27/14 19:30	MTM2	TAL BUF
Total/NA	Analysis	Field Sampling		1	162162	01/13/14 12:10	FLD	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	04-01-14
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	03-31-14
Wisconsin	State Program	5	998310390	08-31-14

Method Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL BUF
6020A	Metals (ICP/MS)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
Field Sampling	Field Sampling	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - Dissolved Metals

TestAmerica Job ID: 480-53381-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-53381-1	MP-234R	Water	01/14/14 12:15	01/16/14 09:30
480-53381-2	MP-235R	Water	01/14/14 10:50	01/16/14 09:30
480-53381-3	MP-237	Water	01/14/14 10:00	01/16/14 09:30
480-53381-4	MP-250	Water	01/14/14 09:10	01/16/14 09:30
480-53381-5	MP-404	Water	01/14/14 08:30	01/16/14 09:30
480-53381-6	MP-244R	Water	01/14/14 08:10	01/16/14 09:30
480-53381-7	MP-280	Water	01/13/14 17:20	01/16/14 09:30
480-53381-8	MP-274	Water	01/13/14 16:30	01/16/14 09:30
480-53381-9	MP-279	Water	01/13/14 15:50	01/16/14 09:30
480-53381-10	MP-281C	Water	01/13/14 15:15	01/16/14 09:30
480-53381-11	MP-281	Water	01/13/14 14:45	01/16/14 09:30
480-53381-12	MP-407	Water	01/13/14 14:10	01/16/14 09:30
480-53381-13	MP-408	Water	01/13/14 12:47	01/16/14 09:30
480-53381-14	MP-406C	Water	01/13/14 12:10	01/16/14 09:30
480-53381-15	MP-409	Water	01/13/14 11:38	01/16/14 09:30
480-53381-16	MP-241R	Water	01/13/14 14:53	01/16/14 09:30
480-53381-17	MP-238R	Water	01/13/14 15:43	01/16/14 09:30
480-53381-18	MP-233R	Water	01/13/14 16:24	01/16/14 09:30
480-53381-19	DUPLICATE	Water	01/13/14 12:10	01/16/14 09:30

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: **DMP-Off-Quarter Diss. Metals Sampling**

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date:	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier:	1 of 2 COCs
100 Old Wilson Bridge Road Suite 115	**Analysis Turnaround Time**			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Off-Quarter Dissolved Metals Sampling	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Diss. Metals (6010B, 6020, 7470A)	Sample Specific Notes:
MP-234R	1/14/14	1215	Grab	GW	1	Y	N	X	
MP-238R	1/14/14	1050	G	GW	1	Y	N	X	
MP-237	1/14/14	1000	G	GW	1	Y	N	X	
MP-250	1/14/14	0910	G	GW	1	Y	N	X	
MP-404	1/14/14	0830	G	GW	1	Y	N	X	
MP-244R	1/14/14	0810	G	GW	1	Y	N	X	
MP-280	1/13/14	1720	G	GW	1	Y	N	X	
MP-274	1/13/14	1630	G	GW	1	Y	N	X	
MP-279	1/13/14	1550	G	GW	1	Y	N	X	
MP-281C	1/13/14	1515	G	GW	1	Y	N	X	
MP-281	1/13/14	1445	G	GW	3	Y	N	X	
MP-407	1/13/14	1410	G	GW	1	Y	N	X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= None — 4 — All samples preserved on ice

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Ryan Hurst	Eagon & Associates, Inc.	1/13/14 1400		TestAm	1/15/14 1400
	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TAI	1/15/14 1500		TAB	1-16-14 0930
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

F:\EXCEL FILES\CECOS-Aber Rd\TA Buff.COC

#2 3.1, 28

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: **DMP-Off-Quarter Diss. Metals Sampling**

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date:	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier:	_____ of _____ COCs
100 Old Wilson Bridge Road Suite 115	Analysis Turnaround Time			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Off-Quarter Dissolved Metals Sampling	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Diss. Metals (6010B, 6020, 7470A)	Sample Specific Notes:
MP-408	1/13/13	1247	Grab	GW	1	Y	N	X	
MP-406C	1/13/13	1210	G	GW	1	Y	N	X	
MP-409	1/13/13	1138	G	GW	1	Y	N	X	
MP-241 R	1/13/13	1453	G	GW	1	Y	N	X	
MP-238R	1/13/13	1543	G	GW	1	Y	N	X	
MP-233R	1/13/13	1624	G	GW	1	Y	N	X	
DUPLICATE	1/13/13	1210	G	GW	1	Y	N	X	
								4	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= None

All samples preserved on ice

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Eagon & Associates, Inc.	1/15/14 1400	[signature]	TAB	1/15/14 1400
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	TAI	1/15/14 1500	[signature]	TAB	1-16-14 0930
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

F:\EXCEL FILES\CECOS-Aber Rd\TA Buff.COC

#2 3,2,8

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-53381-1

Login Number: 53381
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

FIELD INFORMATION FORM

Site Name: CELOS-Aber Rd

Sample Point: MP-239R

WELL DATA

Water-Level Date: 01/14/14 (MM DD YY)

Water-Level Time: 11:05 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Positive, Dry = Dry, 3-5 = 3-5 well vols, X = Other)

Well Elevation (at TOC): 918.88 (ft/msl)

Depth to Water (DTW) (from TOC): 14.03 (ft)

Groundwater Elevation (site datum, from TOC): 897.85 (ft/msl)

Total Well Depth (from TOC): 54.0 (ft)

Water Column Height (well depth - DTW): 37.37 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45 or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

X-Other: ___

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L x Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
01/14/14	11:05	0:10		70	6.3

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L>Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
11:05	14.03						
11:10	14.11	1.15	7.38	14.134	11.9	1.1	100
11:15	14.15	1.10	7.33	14.362	12.9	1.1	100
11:20	14.18	1.15	7.32	14.245	12.9	1.1	100
11:25	14.10	1.20	7.34	13.989	12.7	1.1	100
11:30	14.11	1.60	7.39	12.834	12.9	1.1	100
11:35	14.14	1.65	7.39	12.798	12.9	1.1	100
11:40	14.18	1.70	7.40	12.768	12.9	11.90	100

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/14/14	12:15	70	7.40	12.768	12.9	11.90	100

FIELD COMMENTS

Sample Appearance: ___ Odor: None Color: Clear Other: ___

Weather Conditions (at sample time): Wind Speed/Direction: S-D/SW Air Temp: 40°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO = 0.19 mg/L / ORP = -8.4 mV

Refill = 27 sec

Discharge = 3 sec @ ~40 psi = 100 mL/min

~~Refill = sec NTS~~

~~Discharge = sec @ ~ psi = mL/min NTS~~

Sampled for DMP dissolved metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1/14/14	Nelson Novak	[signature]	Eagan & Associates, Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-235R

WELL DATA

Water-Level Date: 01/14/14 (MM DD YY)

Water-Level Time: 1030 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Positive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9148.4 (ft/msl)

Depth to Water (DTW) (from TOC): 117.25 (ft)

Groundwater Elevation (site datum, from TOC): 8979.9 (ft/msl)

Total Well Depth (from TOC): 720.0 (ft)

Water Column Height (well depth - DTW): 549.5 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: (Y) or N

Filter Device: (Y) or N (0.45µ) or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: —

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1130 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Gal) IN (PUMP/TUBING; WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters; Gallons) circle one	(PUMP/TUBING; WELL) VOLS PURGED (optional)
01/14/14	1030	0:20	110	160	16

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L; Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1030	117.25						
1040	118.47	130	7.47	1516	12.6	11	300
1045	118.55	145	7.46	1518	12.6	11	300
1050	118.63	160	7.45	1514	12.6	11.4	300

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L; Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/14/14	1050	160	7.45	1514	12.6	11.4	300

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 35°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): DO = 0.16 mg/L / ORP = 10.8 mV

Refill ~ 25 sec

Discharge = 5 sec @ ~ 40 psi

Sampled for DMP dissolved metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 1/14/14 Name: Nelson Novak Signature: [signature] Company: Eagon & Associates, Inc

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-237

WELL DATA

Water-Level Date: 01/14/14 (MM DD YY)

Water-Level Time: 0930 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow; P = Bailer; Dry = Dry; 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 1136.8 (ft/msl)

Depth to Water (DTW) (from TOC): 115.81 (ft)

Groundwater Elevation (site datum, from TOC): 897.87 (ft/msl)

Total Well Depth (from TOC): 171.10 (ft)

Water Column Height (well depth - DTW): 55.29 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: (Y) or N

Filter Device: (Y) or N — 0.45µ or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

X-Other: —

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
01/14/14	0930	00:30	110	120	12

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
0931	115.81						
0940	116.96	140	9.04	195.5	13.0	—	400
0945	116.98	160	8.38	199.4	13.1	—	400
0950	116.99	180	7.86	201.4	13.2	—	400
0955	117.02	200	7.80	206.5	13.2	—	400
1000	117.05	220	7.77	207.2	13.2	86.6	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/14/14	1000	120	7.77	207.2	13.2	86.6	400

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5 / W

Air Temp: 35°F

Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.41 ORP (mV) -47.2

samples collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 1/14/14

Name: Nelson Novak

Signature: Nelson Novak

Company: Eagon & Assoc. Inc

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-250

WELL DATA

Water-Level Date: 01/14/13 (MM DD YY)

Water-Level Time: 0850 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols, X = Other)

Well Elevation (at TOC): 1007 (ft/msl)

Depth to Water (DTW) (from TOC): 11.94 (ft)

Groundwater Elevation (site datum, from TOC): 898.23 (ft/msl)

Total Well Depth (from TOC): 57.90 (ft)

Water Column Height (well depth - DTW): 46.06 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45 or — µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other: —

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L: Gal) IN (PUMP/TUBING: WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING: WELL) VOLS PURGED (optional)
01/14/14	0850	00:23	109	40	4

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
0850	11.84						
0910	12.41	20	7.33	1939	12.1	—	200
0915	12.45	30	7.33	1940	12.1	—	200
0910	12.50	40	7.33	1941	12.1	089	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/14/14	0910	40	7.33	1941	12.1	089	200

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W

Air Temp: 35°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.31 ORP (mV) +25.1

Samples Collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1/14/14	Nelson Novak	Nelson Novak	Eagan & Assoc. Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS-Aber Rd

Sample Point: MP-404

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 0955 (2400 Hr. Clock)

Purge/Sample Method: DRY (LF = Low Flow, P = Positive, Dry = Dry, 3-5 = 3-5 well vols, X = Other)

Well Elevation (at TOC): 9127.5 (ft/msl)

Depth to Water (DTW) (from TOC): 1627 (ft)

Groundwater Elevation (site datum, from TOC): 8964.8 (ft/msl)

Total Well Depth (from TOC): 1101.0 (ft)

Water Column Height (well depth - DTW): 847.3 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45 µ or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

X-Other: ___

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L:Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
01/13/14	0955	01:03	114	540	385

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L:Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
0915	1627						
1025	DRY	540					
1830	1514.10		7.43	1152.6	12.0	54.1	100

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L:Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/14/14	0830	540	7.43	1152.6	12.0	54.1	

FIELD COMMENTS

Sample Appearance: ___ Odor: None Color: Clear Other: ___

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 35°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.38 ORP (mV) -49.3

Well volume = 847.3 x 0.163 = 138.02 x 3.9 = 538.2 L

Purged dry at 540 L, left to recover overnight

Samples Collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

1/14/14 (Date) Nelson Novak (Name) [signature] (Signature) Eaton & Assoc. Inc. (Company)

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-244R

WELL DATA

Water-Level Date: 01/14/13 (MM DD YY)

Water-Level Time: 0750 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow; P = Passive; Dry = Dry; 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 909.73 (ft/msl)

Depth to Water (DTW) (from TOC): 11.77 (ft)

Groundwater Elevation (site datum, from TOC): 897.96 (ft/msl)

Total Well Depth (from TOC): 67.20 (ft)

Water Column Height (well depth - DTW): 55.43 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; CASE or — µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: —

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L; Gal) IN (PUMP/TUBING; WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters; Gallons) circle one	(PUMP/TUBING; WELL) VOLS PURGED (optional)
01/14/14	0750	02:20	110	40	40

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L; Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
0750	11.77						
0810	12.55	10	7.49	1554	12.7	1	200
0820	12.60	30	7.50	1551	12.7	1	200
0830		40	7.51	1547	12.6	13.7	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L; Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/14/14	0830	40	7.51	1547	12.6	13.7	200

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W

Air Temp: 35°F

Precipitation: X or NP

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.21 ORP (mV) -65.4

Samples Collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1/14/14	Nelson Novak	Nelson Novak	Eagent Assoc. Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS-Aber Rd

Sample Point: MP-280

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1650 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow; P = Pumping; Dry = Dry; 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 1249 (ft/msl)

Depth to Water (DTW) (from TOC): 1473 (ft)

Groundwater Elevation (site datum, from TOC): 1977.6 (ft/msl)

Total Well Depth (from TOC): 1740 (ft)

Water Column Height (well depth - DTW): 267 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45 or — µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: —

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L; Gal) IN PUMP/TUBING; WELL CASING (circle one of each)	ACTUAL VOL PURGED (Liters; Gallons) (circle one)	PUMP/TUBING; WELL VOLS PURGED (optional)
01/13/14	1650	0030	14	30	2

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L; Gals) (circle one)	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1650	1473						
1710	1740	2.0	7.66	1381.3	12.5	—	100
1715	1752	2.5	7.65	1319.1	12.5	—	100
1720	1765	3.0	7.66	1381.4	12.5	15.32	100

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L; Gals) (circle one)	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/13/14	1720	3.0	7.66	1381.4	12.5	15.32	100

FIELD COMMENTS

Sample Appearance: —

Odor: None.

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/SW

Air Temp: 45°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. 1mg/L 0.06 ORP (mV) -159.1

Samples Collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1/13/14	Nelson Novak	Nelson Novak	Eagon & Assoc. Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECos-Aber Rd

Sample Point: MP-274

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1610 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Positive, Dry = Dry, 3-5 = 3-5 well vols.) X = Other

Well Elevation (at TOC): 9220 (ft/msl)

Depth to Water (DTW) (from TOC): 1625 (ft)

Groundwater Elevation (site datum, from TOC): 8959 (ft/msl)

Total Well Depth (from TOC): 7550 (ft)

Water Column Height (well depth - DTW): 5925 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45 or — µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump; B-Peristaltic Pump; C-Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

X-Other: —

Pump Type (Vol): B — A-P1200M (495 ml); B-P1101M (395 ml); C-P1150 (130 ml); X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft); B-1/4" ID (10 ml/ft); C-0.17 ID (4.5 ml/ft); X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L: Gal) IN (PUMP/TUBING: WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING: WELL) VOLS PURGED (optional)
01/13/14	1610	0020		60	54

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1610	1625						
1620	1750	30	7.60	1140	13.1	—	300
1625	1704	45	7.60	1144	13.1	—	300
1630	1708	60	7.58	1151	13.1	20.4	300

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/13/14	1630	60	7.58	1151	13.1	20.4	300

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: S-10/W Air Temp: 45°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.100 ORP (mV) -42.0

Samples collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 1/13/14 Name: Nelson Novak Signature: [signature] Company: Eagon & Assoc. Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS-Aber Rd

Sample Point: MP-279

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1530 (2400 Hr. Clock)

Purge/Sample Methods: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 910.36 (ft/msl)

Depth to Water (DTW) (from TOC): 11.13 (ft)

Groundwater Elevation (site datum, from TOC): 910.23 (ft/msl)

Total Well Depth (from TOC): 102.60 (ft)

Water Column Height (well depth - DTW): 92.47 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45 or — µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump; B-Peristaltic Pump; C-Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

X-Other: —

Pump Type (Vol): B — A-P1200M (495 ml); B-P1101M (395 ml); C-P1150 (130 ml); X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft); B-1/4" ID (10 ml/ft); C-0.17 ID (4.5 ml/ft); X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L:Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
01/13/14	1530	00:20	13	40	3

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L:Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1530	11.13						
1540	11.39	120	7.02	7.136	12.3	—	200
1545	11.43	130	7.04	7.102	12.0	—	200
1550	11.47	140	7.05	7.116	11.9	1.26	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L:Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/13/14	1550	40	7.05	7.116	11.9	1.26	200

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W

Air Temp: 45°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.16 ORP (mV) -29.9

Samples Collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 1/13/14

Name: Nelson Novak

Signature: [signature]

Company: Kleinfelder Assoc., Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-28K

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1455 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow; P = Passive; Dry = Dry; 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 914.12 (ft/msl)

Depth to Water (DTW) (from TOC): 18.25 (ft)

Groundwater Elevation (site datum, from TOC): 895.87 (ft/msl)

Total Well Depth (from TOC): 62.80 (ft)

Water Column Height (well depth - DTW): 44.55 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45 or — µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump; B-Peristaltic Pump; C-Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

X-Other: —

Pump Type (Vol): B — A-P1200M (495 ml); B-P1101M (395 ml); C-P1150 (130 ml); X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft); B-1/4" ID (10 ml/ft); C-0.17 ID (4.5 ml/ft); X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
01/13/14	1455	00:20	119	180	18

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (umhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1415	18.25						
1505	18.32	140	7.17	1515	13.7	—	400
1510	18.34	160	7.17	1612	12.7	—	400
1515	18.35	180	7.17	1601	13.7	18.5	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/13/14	1515	180	7.17	1601	13.7	18.5	400

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/SW

Air Temp: 45°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) = 0.07 ORP (mV) = -29.0

Purge water effervescing

Samples collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1/13/14	Nelson Novak	Nelson Novak	Earth Assoc., Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-281

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1425 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Positive, Dry = Dry, 3-5 = 3-5 well vols., X = Other)

Well Elevation (at TOC): 935 (ft/msl)

Depth to Water (DTW) (from TOC): 1774 (ft)

Groundwater Elevation (site datum, from TOC): 859.79 (ft/msl)

Total Well Depth (from TOC): 726.6 (ft)

Water Column Height (well depth - DTW): 548.6 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45µ or — µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

X-Other: —

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
011314	1425		09	90	99

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1425	1774						
1435	1818.10	140	7.34	1458	13.8	—	400
1440	1818.13	160	7.33	1416	13.7	—	400
1445	1818.15	180	7.33	1413	13.7	1.09	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
011314	1445	90	7.33	1423	13.7	1.09	400

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: S-10/W

Air Temp: 45°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.05 ORP (mV) -400

Samples Collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1/13/14	Nelson Novak	Nelson Novak	Eagan & Assoc., Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS-Aber Rd

Sample Point: Matrix Spike/Matrix Spike Duplicate

WELL DATA

Water-Level Date (MM DD YY) | Water-Level Time (2400 Hr. Clock) | Purge/Sample Method: LF = Line Flow P = Positive Dry = Dry 3-5 = 3-5 well vols. X = Other

Well Elevation (at TOC) (ft/msl) | Depth to Water (DTW) (from TOC) (ft) | Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft) | Water Column Height (well depth - DTW) (ft) | Casing ID (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated [Y] or [N] | Filter Device [Y] or [N] [0.45µ] or [ ] µ (circle or fill in)

Purging Device [ ] | Sampling Device [ ] | X-Other

A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Pump Type (Vol): A-P1200M (485 ml) B-P1101M (395 ml) C-P1150 (150 ml) X-Other

Tubing ID (Vol/Ft): A-3/8" ID (22 ml/ft) B-1/4" ID (10 ml/ft) C-0.17 ID (4.5 ml/ft) X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L:Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	ACTUAL VOL PURGED (L:Gal) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L : Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L : Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
011314	1445	80	7.33	1443	13.7	1.09	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W Air Temp: 45°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.05 ORP (mV) -40.0

Collected From well MP-281

Samples Collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 1/13/14 Name: Nelson Novak Signature: [signature] Company: Eaga Assoc. Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS-Aber Rd

Sample Point: MP-407

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1350 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Pumping, Dry = Dry, 3-5 = 3-5 well vols, X = Other)

Well Elevation (at TOC): 1031 (ft/msl)

Depth to Water (DTW) (from TOC): 1419 (ft)

Groundwater Elevation (site datum, from TOC): 1812 (ft/msl)

Total Well Depth (from TOC): 1710 (ft)

Water Column Height (well depth - DTW): 1715 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45µ or ___ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other: —

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
011314	1350	00:20	112	40	3.3

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1350	1419						
1400	1697	20	7.48	1195.7	13.9	—	200
1405	1704	30	7.49	1195.6	13.9	—	200
1410	1710	40	7.50	1195.8	13.9	148.4	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
011314	1410	40	7.50	1195.8	13.9	148.4	200

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: S-10/W

Air Temp: 45°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.07 ORP (mV) -96.6

Purge water effervescing

Samples collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1/13/14	Nelson Novak	[signature]	Eagon & Assoc. Inc

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-408

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1222 (2400 Hr. Clock)

Purge/Sample Methods: LF (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9164.1 (ft/msl)

Depth to Water (DTW) (from TOC): 23.14 (ft)

Groundwater Elevation (site datum, from TOC): 8932.7 (ft/msl)

Total Well Depth (from TOC): 115.00 (ft)

Water Column Height (well depth - DTW): 91.86 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: (Y) or N

Filter Device: (Y) or N; (0.45µ) or — µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

X-Other: —

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
01/13/14	1222	00:25	116	135	2.1

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1212	23.14						
1213	26.49	2.10	7.29	5.25.10	13.7	—	200
1217	26.51	2.5	7.29	4.63.3	13.7	—	100
1214	26.54	3.0	7.29	4.58.1	13.7	—	100
1217	26.59	3.5	7.29	4.51.2	13.7	9.55	100

Suggested range for 3 conseo. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/13/14	1217	3.5	7.29	4.51.2	13.7	9.55	100

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: lt tan

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W

Air Temp: 45°F

Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): DO(mg/L) 0.09 ORP (mV) -108.3

Purge water effervescing

Samples Collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 1/13/14

Name: Nelson Novak

Signature: [signature]

Company: Eagant Assoc. Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS-Abes Rd

Sample Point: MP-406C

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1150 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Positive, Dry = Dry, 3-5 = 3-5 well vols., X = Other)

Well Elevation (at TOC): 917.40 (ft/msl)

Depth to Water (DTW) (from TOC): 12.22 (ft)

Groundwater Elevation (site datum, from TOC): 898.18 (ft/msl)

Total Well Depth (from TOC): 67.60 (ft)

Water Column Height (well depth - DTW): 46.38 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: (Y) or N

Filter Device: (Y) or N (0.45µ) or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: ___

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L:Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
01/13/14	1150	00:20	110	180	8.0

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L : Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1150	12.22						
1210	12.25	1.40	7.29	1.021	13.6	----	400
1215	12.25	1.60	7.28	1.020	13.7	----	400
1220	12.25	1.80	7.29	1.021	13.6	13.16	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L : Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/13/14	1210	1.80	7.29	1.021	13.6	13.16	400

FIELD COMMENTS

Sample Appearance: ___ Odor: None Color: Clear Other: ___

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W Air Temp: 45°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.13 ORP (mV) -26

Samples Collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 1/13/14 Name: Nelson Novak Signature: [signature] Company: Eagon & Assoc. Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS-Aber Rd

Sample Point: MP-409

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1118 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols., X = Other)

Well Elevation (at TOC): 1118.3 (ft/msl)

Depth to Water (DTW) (from TOC): 110.05 (ft)

Groundwater Elevation (site datum, from TOC): 1017.8 (ft/msl)

Total Well Depth (from TOC): 180.0 (ft)

Water Column Height (well depth - DTW): 76.5 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45µ or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (L/Gal) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
01/13/14	1118	00:20	12	40	33

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1118	110.05						
1129	110.63	120	7.38	1907	13.0	TTL	200
1133	110.64	130	7.38	1910	12.9	TTL	210
1138	110.64	140	7.37	1899	12.9	618	210

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/13/14	1138	140	7.37	1899	12.9	618	210

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: S-10/W

Air Temp: 45°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) 0.07 ORP (mV) -63.0

Samples Collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1/13/14	Nelson Novak	[signature]	Envirotech Assoc. Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-241R

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1401 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Pumping, Dry = Dry, 3-5 = 3-5 well vols, X = Other)

Well Elevation (at TOC): 913.57 (ft/msl)

Depth to Water (DTW) (from TOC): 16.15 (ft)

Groundwater Elevation (site datum, from TOC): 897.42 (ft/msl)

Total Well Depth (from TOC): 66.40 (ft)

Water Column Height (well depth - DTW): 44.25 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45µ or ___ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other: ___

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Liters/Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
01/13/14	1403	00:50	10	365	365

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1403	16.15	START	—	—	—	—	1000
1438	28.35	350	8.07	1.99	13.2	—	1100
1443	28.54	355	8.07	1.07	12.7	—	1000
1448	28.51	360	8.05	1.11	12.4	—	1000
1453	28.51	365	8.04	1.10	12.4	36.4	1000

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/13/14	1453	365	8.04	1.10	12.4	36.4	1000

FIELD COMMENTS

Sample Appearance: ___ Odor: none Color: clear Other: ___

Weather Conditions (at sample time): Wind Speed/Direction: 15-20 mph from SW Air Temp: ~40°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) = 0.17 | ORP (mV) = -213

Refill = 10 sec

Discharge = 5 sec @ ~55 psi = 1000 ml/min

Refill = 26 sec

Discharge = 4 sec @ ~30 psi = 100 mL/min

Samples collected = DMP dissolved metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1/13/14	Nick A Karon	[signature]	Karon & Associates, Inc.

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-238R

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1513 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Pump, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 1531 (ft/msl)

Depth to Water (DTW) (from TOC): 1713 (ft)

Groundwater Elevation (site datum, from TOC): 808.18 (ft/msl)

Total Well Depth (from TOC): 1650 (ft)

Water Column Height (well depth - DTW): 4437 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Ø or N

Filter Device: Ø or N; 0.45µ or — µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

X-Other: —

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (L/Gal/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
01/13/14	1518	0025	10	35	3.5

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1518	1713	START	—	—	—	—	200
1512	1817	10	7.56	1.913	13.4	[illegible]	190
1513	1811	25	7.56	1.910	12.8	[illegible]	190
1518	1813	30	7.56	1.909	12.9	[illegible]	100
1543	1811	35	7.55	1.910	12.9	1.53	100

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/13/14	1543	35	7.55	1.910	12.9	1.53	160

Sample Appearance: — Odor: none Color: clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10 mph from SW Air Temp: ~40°F Precipitation: ~~Y~~ or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) = 0.23 | ORP (mV) = +25

FIELD COMMENTS

Refill = 12 sec

Discharge: 3 sec @ ~30 psi = 200 ml/min

Refill: 27 sec

Discharge: 3 sec @ ~30 psi = 100 ml/min

Sampled for VMP dissolved metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1/13/14	Nick A Karos	[signature]	Eagon & Associates, Inc

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-233R

WELL DATA

Water-Level Date: 01/13/14 (MM DD YY)

Water-Level Time: 1602 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Pump, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9070 (ft/msl)

Depth to Water (DTW) (from TOC): 11.17 (ft)

Groundwater Elevation (site datum, from TOC): 805.83 (ft/msl)

Total Well Depth (from TOC): 80.20 (ft)

Water Column Height (well depth - DTW): 69.03 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45µ or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: —

Pump Type (Vol): B — A-P1200M (495 ml), B-P1101M (395 ml), C-P1150 (130 ml), X-Other

Tubing ID (Vol/Ft): B — A-3/8" ID (22 ml/ft), B-1/4" ID (10 ml/ft), C-0.17 ID (4.5 ml/ft), X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Gal) IN (PUMP/TUBING, WELL CASING) circle one of each	ACTUAL VOL PURGED (Gallons) circle one	(PUMP/TUBING, WELL) VOLS PURGED (optional)
01/13/14	1604	0020		50	4.5

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (circle one: Gals)	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1604	11.17	START	—	—	—	—	300
1614	11.95	30	7.52	1945	13.3	[illegible]	290
1619	12.00	40	7.53	1949	13.0	[illegible]	200
1624	[illegible]	50	7.52	1952	13.0	49.7	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (circle one: Gals)	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01/13/14	1624	50	7.52	1952	13.0	49.7	200

FIELD COMMENTS

Sample Appearance: —

Odor: none

Color: clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10 mph from SW Air Temp: ~40°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): DO (mg/L) = 0.16 | ORP (mV) = -73

Refill = 16 sec

Discharge = 4 sec @ ~45 psi = 300 mL/min

Refill = sec

Discharge = sec @ ~ psi = 200 mL/min

Sampled for DMP dissolved metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 1/13/14

Name: Nick A. Karon

Signature: [signature]

Company: Fagan + Associates, Inc

EA-100-A D:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: DUPLICATE

WELL DATA

Water-Level Date (MM DD YY) | Water-Level Time (2400 Hr. Clock) | Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry X = Other 3-5 = 3-5 well vols.

Well Elevation (at TOC) (ft/msl) | Depth to Water (DTW) (from TOC) (ft) | Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft) | Water Column Height (well depth - DTW) (ft) | Casing ID (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated [Y] or [N] | Filter Device [Y] or [N] [0.45µ] or [ ] µ (circle or fill in)

Purging Device | A-Submersible Pump B-Peristaltic Pump C-Bladder Pump D-Bailer E-Piston Pump F-Dipper/Bottle | Pump Type (Vol) | A-P1200M (495 ml) B-P1101M (395 ml) C-P1150 (130 ml) X-Other

Sampling Device | Tubing ID (Vol/Ft) | A-3/8" ID (22 ml/ft) B-1/4" ID (10 ml/ft) C-0.17 ID (4.5 ml/ft) X-Other

X-Other

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L:Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1515	21.22						
1010	21.215	10	7.26	1021	13.6		400
1005	21.215	10	7.29	1020	13.7		400
1010	21.215	10	7.29	1021	13.6	31.6	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
01.13.14	1210	10	7.29	1021	13.6	31.6	400

FIELD COMMENTS

Sample Appearance: — Odor: None. Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W Air Temp: 45°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

Exact duplicate by containes of well MP-406C

Samples collected: Dissolved Metals

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
1.13.14	Nelson Novak	Nelson Novak	Earth Assoc. Inc.

EA-100-A D:4/10