



**ATLANTIC COAST
CONSULTING, INC.**

630 Colonial Park Drive
Suite 110
Roswell, GA 30075
o 770.594.5998
f 770.594.5967
www.atlcc.net

February 19, 2013

Ms. Jaclynne Drummond
Compliance Hydrogeologist
NCDENR Division of Waste Management – Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699

RE: Soil Sample Results
Waste Management of Carolinas, Inc.
Asheville Transfer Station
Buncombe County
Permit No.: 11-04T

Dear Ms. Drummond:

On behalf of Waste Management of Carolinas, Inc. Asheville Transfer Station (WM), Atlantic Coast Consulting, Inc. (ACC) is providing this report to document soil sampling activities at the facility. The site initiated soil sampling to comply with Item D of a Facility Compliance Inspection Report mailed to the facility on October 3, 2012 by the North Carolina Department of Environment and Natural Resources (NCDENR) Division of Waste Management (DWM). Soil sampling was performed in accordance with the December 17, 2012 *Work Plan for Collection of Soil Samples*, approved by NCDENR in correspondence dated December 20, 2012.

Scope of Work

Field work for this project was conducted on January 2, 2013 by Monte Jones of ACC, under the supervision of Chris Klamke, Professional Geologist. (North Carolina P.G. No. 2093). On January 2, 2013, Monte Jones met with Andrea Keller of NCDENR -DWM to pre-locate the seven soil sampling locations, SS-1, SS-2A, SS-2B,

SS-2C, SS-3A, SS-3B, and SS-3C. Minor adjustments to the sample locations from those depicted in the Work Plan were made based on NCDENR - DWM's direction in the field. Location SS-1 was selected to characterize background conditions; locations SS-2A-C were selected to evaluate soil conditions in the vicinity of a leaking trailer identified during a NCDENR-DWM site inspection, and; locations SS-3A-C were selected adjacent to the lower bay area of the transfer building. Locations of the soil samples (as measured using a handheld GPS unit) are shown on Figure 1.

Sampling Methodology

Sampling was performed by advancing a stainless steel hand auger to two (2) feet below ground surface (BGS). Extracted soil from one to two feet BGS was temporarily stockpiled on new plastic sheeting. A brief visual description of the sample material was recorded in a field book, and is summarized in Table 1. Discrete (i.e. – non-composited) sample volume was then transferred into pre-labeled, laboratory provided glass jars. The hand auger was appropriately decontaminated with a Liquinox and water solution and deionized water rinse prior to each usage. For quality control/quality assurance, a rinsate sample was collected by pouring lab provided, deionized water over the hand auger drilling head and collecting the rinsate in appropriate lab provided containers. The rinsate sample was collected after sampling and decontamination at location SS-3A. The samples were placed immediately on ice, maintained at a temperature below 4° Celsius, and shipped in a cooler under chain-of-custody control to a North Carolina certified laboratory, TestAmerica-Denver.

Soil Sample Analytical Results

The samples were analyzed for the list of volatile organic compounds (VOC) and metals included in Appendix I of 40 CFR 258, as well as sulfate, nitrate and total phosphorous. The laboratory analytical report is provided as Attachment A. A summary of detected constituents is provided in Table 2.

The only VOC detected was a low level of acetone in the sample collected from SS-2A. The reported concentration of 110 µg/Kg is substantially less than the NCDENR maximum soil contaminant concentration for soil-to-groundwater (MSCC) of 24,000 µg/Kg. Low levels of acetone such as this are often artifacts of the sampling and analysis process. Low levels of metals (barium, chromium, cobalt, copper, lead, nickel, vanadium and zinc) were detected in all soil samples, including background. Low levels of arsenic were detected in two sample locations and antimony in a single sample. None of the detected metals concentrations exceed an applicable

MSCC. Phosphorus was detected in background and in all but one of the evaluation samples. Sulfate and nitrate were not detected in the background sample. Sulfate was detected in all but one evaluation samples; nitrate was detected in two samples.

Discussion

The results do not indicate any VOC related impacts to soil and the metals concentrations do not indicate trends along sample transects that correspond to a potential site impact. The detected metals concentrations in the evaluation samples in general appear to be slightly greater than the background sample. However, it is unclear if the single background sample adequately characterizes regional distribution of metals in soil. Based on a review of soil sample data presented in United States Geological Survey (USGS) Professional Paper 1270 *Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States* (http://pubs.usgs.gov/pp/1270/pdf/PP1270_508.pdf), the reported metals concentrations are within or very near regional background levels with the exception of the antimony concentration in the SS-2C sample. There are limited regional data available for antimony, however the reported concentration of 55 mg/Kg is more than is observed in typical soil conditions in the United States. However, this concentration is not indicative of a site related impact since the location is near Pond Road and further from the potential source of impact than two non-detect locations, SS-2A and SS-2B. The concentrations of copper in the SS-2B sample (53 mg/Kg) and of lead in the SS-2C sample (27 mg/Kg) very slightly exceeded the respective upper limits of the published background ranges of 50 and 20 mg/Kg. Lower concentrations of both metals were reported in the sample from SS-2A, which is located in the flow path of the potential source of impact (i.e. it is anticipated that SS-2A would be as likely or more likely than SS-2B and SS-2C to be impacted).

The concentration of phosphorus is generally higher than background at all but one location. However, based on a review of USGS Professional Paper 1270, the detected concentrations of up to several hundred mg/Kg (expressed on a percentage basis in USGS report) are within regional background ranges. None of the detected phosphorus concentrations appear to exceed regional background ranges. Sulfate was not detected in background, but was detected in all but one evaluation sample. The concentrations at both "C" locations appear to be minimal, 92 mg/Kg for SS-2C and non-detect at SS-3C indicating that there is no significant off-site mobilization of this indicator parameter (i.e. potential surrogate for impact migration). Nitrate was not detected in background; low levels were detected at SS-2C and SS-3A, but no other locations. There are no available regional background levels for nitrate and sulfate. The occurrences of phosphorus, sulfate and nitrate

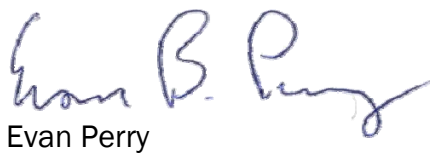
may also be related to fertilizer application and subsequent accumulation along surface water runoff features.

Summary

As requested by NCDENR, two areas of potential impact were investigated by soil sampling. The sample analysis did not identify VOC impacts and/or metals concentrations in excess of MSCCs. Additionally, metals concentrations do not appear to indicate a progressively diminishing trend with distance from the areas of potential impact. With the exception of a single anomalous antimony concentration, detected metals concentrations were below site and/or typical regional background levels (single detections of copper and lead very slightly exceeded regional background ranges). Concentrations of inorganic indicator parameters (phosphorus, sulfate and nitrate) were detected at low levels. Concentrations of these indicator parameters occur to some extent in background and may be related to a variety of potential sources (e.g. runoff from fertilizer application).

Based on the results of the soil sampling, with no target constituents above applicable MSCCs, it does not appear that further soil or groundwater sampling is warranted. Please contact either of the undersigned or Jason McRee with Waste Management with any questions.

Sincerely,
ATLANTIC COAST CONSULTING, INC.



Evan Perry

Attachments

Copy to: Mr. Jason McRee, WM
Site Operating Record
ACC File IO10-197



ATTACHMENTS

TABLES

Table 1
Soil Sample Descriptions
WM of Asheville Transfer Station

Sample Locations	USCS Classification
SS-1	POORLY GRADED SAND with GRAVEL (SP)
SS-2A	SILTY SAND (SM)
SS-2B	SILTY SAND (SM)
SS-2C	SANDY ORGANIC SOIL (OL/OH)
SS-3A	SILTY SAND (SM)
SS-3B	SILTY SAND (SM)
SS-3C	SILTY SAND (SM)

USCS = Unified Soil Classification System

Table 2
Summary of Soil Sample Results
WM of Asheville Transfer Station

Location	Appendix I Metals										Appendix I VOCs	Geochemical Indicator Parameters		
	Antimony	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Nickel	Vanadium	Zinc	Acetone	Phosphorus	Sulfate	Nitrate
NCDENR MSCC	NE	NE	290	4,200	NE	NE	270	NE	NE	NE	24	NE	NE	NE
Regional Background Range ¹	< 1	< 0.1 - 4.1	700 - 5000	30 - 70	10 - 70	20 - 50	10 - 20	20 - 700	70 - 150	74 - 3500	NA	170 - 820	NA	NA
SS-1 (Background)	--	--	77	13	5.5	3.9	5.8	6.5	22	76	--	110	--	--
SS-2A	--	--	180	28	6.7	21	5.2	13	42	90	--	280	150	--
SS-2B	--	4.1	130	21	17	53	16	15	35	240	0.11	340	440	--
SS-2C	55	--	110	20	5.5	20	27	12	30	140	--	260	92	11
SS-3A ²	--	2.6	210	39	14	25	11	21	59	95	--	210	63	6.1
SS-3B	--	--	240	47	18	20	13	22	66	73	--	--	100	--
SS-3C	--	--	110	26	11	15	11	15	37	53	--	170	--	--

Notes:

Concentrations reported in milligrams per kilogram

Only detected analytes are reported in table

NCDENR MSCC = Maximum Soil Contaminant Concentration for Soil-to-Groundwater

NE = Not established

NA = Not available

-- = Not Detected

Bold Concentrations exceed IHSB PSRG and/or NCDENR MSCC

















1. Regional Background Range values from *Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States*, USGS Professional Paper 1270, 1984.

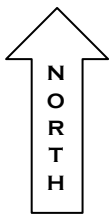
2. Rinsate sample collected from decontaminated hand auger following sampling at this location. Zinc concentration of 0.029 mg/L reported; no other analytes were detected.

FIGURE

ASHEVILLE HAULING AND TRANSFER STATION

SITE PLAN

-  SHEET FLOW DIRECTION
-  STORM WATER INLET
-  OUTFALL LOCATION
-  DRAINAGE BOUNDARY
-  OIL WATER SEPARATOR
-  TRAILER STAGING
-  CONTAINER STAGING
-  TRUCK WASH
-  FUEL ISLAND
-  TRANSFER STATION
-  FUEL/OIL TANKS
-  TRUCK PARKING
-  MAINTENANCE SHOP
-  RMW TRANSFER AREA
-  OCC TRANSFER BOX
-  SOIL SAMPLE LOCATION



LINE SEGMENT LENGTH IS APPROXIMATELY 100 FEET



ATTACHMENT A
Laboratory Analytical Results

ANALYTICAL REPORT


Job Number: 280-37486-1

Job Description: WM of Asheville

For:

Atlantic Coast Consulting, Inc.
630 Colonial Park Drive
Suite 110
Roswell, GA 30075

Attention: Mr. Chris A Klamke



Approved for release.
Stephanie Sanders
Project Mgmt. Assistant
1/21/2013 2:41 PM

Designee for
Betsy A Sara
Project Manager II
betsy.sara@testamericainc.com
01/21/2013

cc: Mr. Evan Perry

The test results in this report relate only to the samples in this report and meet all requirements of NELAP, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.

TestAmerica Denver 4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com



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CASE NARRATIVE

Client: Waste Management

Project: WM of Asheville

Report Number: 280-37486-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may include reporting limits (RLs) less than TestAmerica's standard reporting limit. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Sample Receiving

The samples were received on 1/3/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.6 C.

Holding Times

The holding times were within established control limits.

Method Blanks

All Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

A full list spike was utilized for the Method 8260B LCS. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for three analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 154589 had one analyte, trans-1,2-Dichloroethene, outside control limits; therefore, re-analysis was not performed.

All other Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

The Matrix Spike and Matrix Spike Duplicate performed on sample SS-2C exhibited recoveries outside control limits for 1,4-Dichlorobenzene and surrogate 4-Bromofluorobenzene Method 8260B batch 154914. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, this anomaly may be due to matrix interference and no corrective action was taken.

The Matrix Spike and Matrix Spike Duplicate performed on a sample from another client exhibited recoveries outside control limits for Total Phosphorus Method 365.1. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, this anomaly may be due to matrix interference and no corrective action was taken.

The percent recoveries and/or the relative percent difference of the MS/MSD performed on sample SS-2A were outside control limits for Total Phosphorus Method 365.1 because the sample concentration was greater than four times the spike amount.

All other MS/MSD samples were within established control limits.

Organics

The Method 8260B surrogate recovery of 4-Bromofluorobenzene was above control limits for sample SS-2C. Because the data are considered to be biased high and all target analytes in the sample were non-detect, corrective action was deemed unnecessary.

EXECUTIVE SUMMARY - Detections

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-37486-1	SS-1					
Barium		77		1.1	mg/Kg	6010B
Chromium		13		1.6	mg/Kg	6010B
Cobalt		5.5		1.1	mg/Kg	6010B
Copper		3.9		2.2	mg/Kg	6010B
Lead		5.8		0.86	mg/Kg	6010B
Nickel		6.5		4.3	mg/Kg	6010B
Vanadium		22		2.2	mg/Kg	6010B
Zinc		76		3.2	mg/Kg	6010B
Phosphorus, Total		110		12	mg/Kg	365.1
Percent Moisture		14		0.10	%	Moisture
280-37486-2	SS-2C					
Antimony		55		1.9	mg/Kg	6010B
Barium		110		1.3	mg/Kg	6010B
Chromium		20		1.9	mg/Kg	6010B
Cobalt		5.5		1.3	mg/Kg	6010B
Copper		20		2.5	mg/Kg	6010B
Lead		27		1.0	mg/Kg	6010B
Nickel		12		5.0	mg/Kg	6010B
Vanadium		30		2.5	mg/Kg	6010B
Zinc		140		3.8	mg/Kg	6010B
Phosphorus, Total		260		66	mg/Kg	365.1
Percent Moisture		25		0.10	%	Moisture
<i>Soluble</i>						
Nitrate as N-Soluble		11		6.3	mg/Kg	9056
Sulfate-Soluble		92		63	mg/Kg	9056
280-37486-3	SS-3C					
Barium		110		1.1	mg/Kg	6010B
Chromium		26		1.7	mg/Kg	6010B
Cobalt		11		1.1	mg/Kg	6010B
Copper		15		2.3	mg/Kg	6010B
Lead		11		0.90	mg/Kg	6010B
Nickel		15		4.5	mg/Kg	6010B
Vanadium		37		2.3	mg/Kg	6010B
Zinc		53		3.4	mg/Kg	6010B
Phosphorus, Total		170		29	mg/Kg	365.1
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-37486-4	SS-3B					
Barium		240		1.3	mg/Kg	6010B
Chromium		47		1.9	mg/Kg	6010B
Cobalt		18		1.3	mg/Kg	6010B
Copper		20		2.5	mg/Kg	6010B
Lead		13		1.0	mg/Kg	6010B
Nickel		22		5.0	mg/Kg	6010B
Vanadium		66		2.5	mg/Kg	6010B
Zinc		73		3.8	mg/Kg	6010B
Phosphorus, Total		190		32	mg/Kg	365.1
Percent Moisture		22		0.10	%	Moisture
<i>Soluble</i>						
Sulfate-Soluble		100		61	mg/Kg	9056
280-37486-5	SS-3A					
Arsenic		2.6		2.2	mg/Kg	6010B
Barium		210		1.1	mg/Kg	6010B
Chromium		39		1.6	mg/Kg	6010B
Cobalt		14		1.1	mg/Kg	6010B
Copper		25		2.2	mg/Kg	6010B
Lead		11		0.86	mg/Kg	6010B
Nickel		21		4.3	mg/Kg	6010B
Vanadium		59		2.2	mg/Kg	6010B
Zinc		95		3.2	mg/Kg	6010B
Phosphorus, Total		210		32	mg/Kg	365.1
Percent Moisture		22		0.10	%	Moisture
<i>Soluble</i>						
Nitrate as N-Soluble		6.1		6.1	mg/Kg	9056
Sulfate-Soluble		63		61	mg/Kg	9056
280-37486-6	RINSATE					
<i>Total Recoverable</i>						
Zinc		29		20	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-37486-7	SS-2B					
Acetone		110		29	ug/Kg	8260B
Arsenic		4.1		2.5	mg/Kg	6010B
Barium		130		6.2	mg/Kg	6010B
Chromium		21		1.9	mg/Kg	6010B
Cobalt		17		1.2	mg/Kg	6010B
Copper		53		2.5	mg/Kg	6010B
Lead		16		0.99	mg/Kg	6010B
Nickel		15		5.0	mg/Kg	6010B
Vanadium		35		2.5	mg/Kg	6010B
Zinc		240		3.7	mg/Kg	6010B
Phosphorus, Total		340		69	mg/Kg	365.1
Percent Moisture		28		0.10	%	Moisture
<i>Soluble</i>						
Sulfate-Soluble		440		68	mg/Kg	9056
280-37486-8	SS-2A					
Barium		180		1.1	mg/Kg	6010B
Chromium		28		1.6	mg/Kg	6010B
Cobalt		6.7		1.1	mg/Kg	6010B
Copper		21		2.2	mg/Kg	6010B
Lead		5.2		0.88	mg/Kg	6010B
Nickel		13		4.4	mg/Kg	6010B
Vanadium		42		2.2	mg/Kg	6010B
Zinc		90		3.3	mg/Kg	6010B
Phosphorus, Total		280		58	mg/Kg	365.1
Percent Moisture		13		0.10	%	Moisture
<i>Soluble</i>						
Sulfate-Soluble		150		54	mg/Kg	9056

METHOD SUMMARY

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Metals (ICP)	TAL DEN	SW846 6010B	
Preparation, Metals	TAL DEN		SW846 3050B
Phosphorus, Total	TAL DEN	EPA 365.1	
Phosphorus, Total	TAL DEN		MCAWW 365.2/365.3/365
Anions, Ion Chromatography	TAL DEN	SW846 9056	
Deionized Water Leaching Procedure	TAL DEN		ASTM DI Leach
Percent Moisture	TAL DEN	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Metals (ICP)	TAL DEN	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL DEN		SW846 3005A
Anions, Ion Chromatography	TAL DEN	MCAWW 300.0	
Phosphorus, Total	TAL DEN	EPA 365.1	
Phosphorus, Total	TAL DEN		MCAWW 365.2/365.3/365

Lab References:

TAL DEN = TestAmerica Denver

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

METHOD / ANALYST SUMMARY

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method	Analyst	Analyst ID
SW846 8260B	Dukes, Aaron	AD
SW846 8260B	Hubbs, Lisa M	LMH
SW846 8260B	Ilczynsyn, Dennis P	DPI
SW846 6010B	Bowen, Heidi E	HEB
SW846 6010B	Harre, John K	JKH
MCAWW 300.0	Kudla, Ewa	EK
EPA 365.1	Scott, Samantha J	SJS
SW846 9056	Phan, Thu L	TLP
EPA Moisture	Benson, Alex F	AFB

SAMPLE SUMMARY

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-37486-1	SS-1	Solid	01/02/2013 1145	01/03/2013 0900
280-37486-2	SS-2C	Solid	01/02/2013 1232	01/03/2013 0900
280-37486-3	SS-3C	Solid	01/02/2013 1325	01/03/2013 0900
280-37486-4	SS-3B	Solid	01/02/2013 1355	01/03/2013 0900
280-37486-5	SS-3A	Solid	01/02/2013 1450	01/03/2013 0900
280-37486-6	RINSATE	Water	01/02/2013 1530	01/03/2013 0900
280-37486-7	SS-2B	Solid	01/02/2013 1600	01/03/2013 0900
280-37486-8	SS-2A	Solid	01/02/2013 1630	01/03/2013 0900
280-37486-9TB	TRIP BLANK	Water	01/02/2013 1530	01/03/2013 0900

SAMPLE RESULTS

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-1

Lab Sample ID: 280-37486-1

Date Sampled: 01/02/2013 1145

Client Matrix: Solid

% Moisture: 14.2

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4163.D
Dilution:	1.0			Initial Weight/Volume:	5.783 g
Analysis Date:	01/04/2013 0952			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,1,1,2-Tetrachloroethane		ND		5.0
1,1,1-Trichloroethane		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
1,1,2-Trichloroethane		ND		5.0
1,1-Dichloroethane		ND		5.0
1,1-Dichloroethene		ND		5.0
1,2,3-Trichloropropane		ND		5.0
1,2-Dibromo-3-Chloropropane		ND		10
1,2-Dibromoethane		ND		5.0
1,2-Dichlorobenzene		ND		5.0
1,2-Dichloroethane		ND		5.0
1,2-Dichloropropane		ND		5.0
1,4-Dichlorobenzene		ND		5.0
2-Butanone (MEK)		ND		20
2-Hexanone		ND		20
4-Methyl-2-pentanone (MIBK)		ND		20
Acetone		ND		20
Acrylonitrile		ND		50
Benzene		ND		5.0
Bromodichloromethane		ND		5.0
Bromoform		ND		5.0
Bromomethane		ND		10
Carbon disulfide		ND		5.0
Carbon tetrachloride		ND		5.0
Chlorobenzene		ND		5.0
Chlorobromomethane		ND		5.0
Chlorodibromomethane		ND		5.0
Chloroethane		ND		10
Chloroform		ND		10
Chloromethane		ND		10
cis-1,2-Dichloroethene		ND		2.5
cis-1,3-Dichloropropene		ND		5.0
Dibromomethane		ND		5.0
Ethylbenzene		ND		5.0
Iodomethane		ND		5.0
Methylene Chloride		ND		5.0
Styrene		ND		5.0
Tetrachloroethene		ND		5.0
Toluene		ND		5.0
trans-1,2-Dichloroethene		ND	*	2.5
trans-1,3-Dichloropropene		ND		5.0
trans-1,4-Dichloro-2-butene		ND		5.0
Trichloroethene		ND		5.0
Trichlorofluoromethane		ND		10
Vinyl acetate		ND		10
Vinyl chloride		ND		5.0

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-1

Lab Sample ID: 280-37486-1

Date Sampled: 01/02/2013 1145

Client Matrix: Solid

% Moisture: 14.2

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4163.D
Dilution:	1.0			Initial Weight/Volume:	5.783 g
Analysis Date:	01/04/2013 0952			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Xylenes, Total		ND		2.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		58 - 140
4-Bromofluorobenzene (Surr)	106		76 - 127
Dibromofluoromethane (Surr)	97		75 - 121
Toluene-d8 (Surr)	111		80 - 126

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-2C

Lab Sample ID: 280-37486-2

Date Sampled: 01/02/2013 1232

Client Matrix: Solid

% Moisture: 24.5

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154904	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154914	Lab File ID:	g2_4245.D
Dilution:	1.0			Initial Weight/Volume:	5.175 g
Analysis Date:	01/07/2013 2252			Final Weight/Volume:	5 mL
Prep Date:	01/07/2013 1600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,1,1,2-Tetrachloroethane		ND		6.4
1,1,1-Trichloroethane		ND		6.4
1,1,2,2-Tetrachloroethane		ND		6.4
1,1,2-Trichloroethane		ND		6.4
1,1-Dichloroethane		ND		6.4
1,1-Dichloroethene		ND		6.4
1,2,3-Trichloropropane		ND		6.4
1,2-Dibromo-3-Chloropropane		ND		13
1,2-Dibromoethane		ND		6.4
1,2-Dichlorobenzene		ND		6.4
1,2-Dichloroethane		ND		6.4
1,2-Dichloropropane		ND		6.4
1,4-Dichlorobenzene		ND		6.4
2-Butanone (MEK)		ND		26
2-Hexanone		ND		26
4-Methyl-2-pentanone (MIBK)		ND		26
Acetone		ND		26
Acrylonitrile		ND		64
Benzene		ND		6.4
Bromodichloromethane		ND		6.4
Bromoform		ND		6.4
Bromomethane		ND		13
Carbon disulfide		ND		6.4
Carbon tetrachloride		ND		6.4
Chlorobenzene		ND		6.4
Chlorobromomethane		ND		6.4
Chlorodibromomethane		ND		6.4
Chloroethane		ND		13
Chloroform		ND		13
Chloromethane		ND		13
cis-1,2-Dichloroethene		ND		3.2
cis-1,3-Dichloropropene		ND		6.4
Dibromomethane		ND		6.4
Ethylbenzene		ND		6.4
Iodomethane		ND		6.4
Methylene Chloride		ND		6.4
Styrene		ND		6.4
Tetrachloroethene		ND		6.4
Toluene		ND		6.4
trans-1,2-Dichloroethene		ND		3.2
trans-1,3-Dichloropropene		ND		6.4
trans-1,4-Dichloro-2-butene		ND		6.4
Trichloroethene		ND		6.4
Trichlorofluoromethane		ND		13
Vinyl acetate		ND		13
Vinyl chloride		ND		6.4

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-2C

Lab Sample ID: 280-37486-2

Date Sampled: 01/02/2013 1232

Client Matrix: Solid

% Moisture: 24.5

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154904	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154914	Lab File ID:	g2_4245.D
Dilution:	1.0			Initial Weight/Volume:	5.175 g
Analysis Date:	01/07/2013 2252			Final Weight/Volume:	5 mL
Prep Date:	01/07/2013 1600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Xylenes, Total		ND		3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		58 - 140
4-Bromofluorobenzene (Surr)	134	X	76 - 127
Dibromofluoromethane (Surr)	96		75 - 121
Toluene-d8 (Surr)	112		80 - 126

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-3C

Lab Sample ID: 280-37486-3

Date Sampled: 01/02/2013 1325

Client Matrix: Solid

% Moisture: 15.0

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4165.D
Dilution:	1.0			Initial Weight/Volume:	4.970 g
Analysis Date:	01/04/2013 1030			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,1,1,2-Tetrachloroethane		ND		5.9
1,1,1-Trichloroethane		ND		5.9
1,1,2,2-Tetrachloroethane		ND		5.9
1,1,2-Trichloroethane		ND		5.9
1,1-Dichloroethane		ND		5.9
1,1-Dichloroethene		ND		5.9
1,2,3-Trichloropropane		ND		5.9
1,2-Dibromo-3-Chloropropane		ND		12
1,2-Dibromoethane		ND		5.9
1,2-Dichlorobenzene		ND		5.9
1,2-Dichloroethane		ND		5.9
1,2-Dichloropropane		ND		5.9
1,4-Dichlorobenzene		ND		5.9
2-Butanone (MEK)		ND		24
2-Hexanone		ND		24
4-Methyl-2-pentanone (MIBK)		ND		24
Acetone		ND		24
Acrylonitrile		ND		59
Benzene		ND		5.9
Bromodichloromethane		ND		5.9
Bromoform		ND		5.9
Bromomethane		ND		12
Carbon disulfide		ND		5.9
Carbon tetrachloride		ND		5.9
Chlorobenzene		ND		5.9
Chlorobromomethane		ND		5.9
Chlorodibromomethane		ND		5.9
Chloroethane		ND		12
Chloroform		ND		12
Chloromethane		ND		12
cis-1,2-Dichloroethene		ND		3.0
cis-1,3-Dichloropropene		ND		5.9
Dibromomethane		ND		5.9
Ethylbenzene		ND		5.9
Iodomethane		ND		5.9
Methylene Chloride		ND		5.9
Styrene		ND		5.9
Tetrachloroethene		ND		5.9
Toluene		ND		5.9
trans-1,2-Dichloroethene		ND	*	3.0
trans-1,3-Dichloropropene		ND		5.9
trans-1,4-Dichloro-2-butene		ND		5.9
Trichloroethene		ND		5.9
Trichlorofluoromethane		ND		12
Vinyl acetate		ND		12
Vinyl chloride		ND		5.9

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-3C

Lab Sample ID: 280-37486-3

Date Sampled: 01/02/2013 1325

Client Matrix: Solid

% Moisture: 15.0

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4165.D
Dilution:	1.0			Initial Weight/Volume:	4.970 g
Analysis Date:	01/04/2013 1030			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Xylenes, Total		ND		3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		58 - 140
4-Bromofluorobenzene (Surr)	110		76 - 127
Dibromofluoromethane (Surr)	97		75 - 121
Toluene-d8 (Surr)	111		80 - 126

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-3B

Lab Sample ID: 280-37486-4

Date Sampled: 01/02/2013 1355

Client Matrix: Solid

% Moisture: 22.0

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4168.D
Dilution:	1.0			Initial Weight/Volume:	5.534 g
Analysis Date:	01/04/2013 1127			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,1,1,2-Tetrachloroethane		ND		5.8
1,1,1-Trichloroethane		ND		5.8
1,1,2,2-Tetrachloroethane		ND		5.8
1,1,2-Trichloroethane		ND		5.8
1,1-Dichloroethane		ND		5.8
1,1-Dichloroethene		ND		5.8
1,2,3-Trichloropropane		ND		5.8
1,2-Dibromo-3-Chloropropane		ND		12
1,2-Dibromoethane		ND		5.8
1,2-Dichlorobenzene		ND		5.8
1,2-Dichloroethane		ND		5.8
1,2-Dichloropropane		ND		5.8
1,4-Dichlorobenzene		ND		5.8
2-Butanone (MEK)		ND		23
2-Hexanone		ND		23
4-Methyl-2-pentanone (MIBK)		ND		23
Acetone		ND		23
Acrylonitrile		ND		58
Benzene		ND		5.8
Bromodichloromethane		ND		5.8
Bromoform		ND		5.8
Bromomethane		ND		12
Carbon disulfide		ND		5.8
Carbon tetrachloride		ND		5.8
Chlorobenzene		ND		5.8
Chlorobromomethane		ND		5.8
Chlorodibromomethane		ND		5.8
Chloroethane		ND		12
Chloroform		ND		12
Chloromethane		ND		12
cis-1,2-Dichloroethene		ND		2.9
cis-1,3-Dichloropropene		ND		5.8
Dibromomethane		ND		5.8
Ethylbenzene		ND		5.8
Iodomethane		ND		5.8
Methylene Chloride		ND		5.8
Styrene		ND		5.8
Tetrachloroethene		ND		5.8
Toluene		ND		5.8
trans-1,2-Dichloroethene		ND	*	2.9
trans-1,3-Dichloropropene		ND		5.8
trans-1,4-Dichloro-2-butene		ND		5.8
Trichloroethene		ND		5.8
Trichlorofluoromethane		ND		12
Vinyl acetate		ND		12
Vinyl chloride		ND		5.8

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-3B

Lab Sample ID: 280-37486-4

Date Sampled: 01/02/2013 1355

Client Matrix: Solid

% Moisture: 22.0

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4168.D
Dilution:	1.0			Initial Weight/Volume:	5.534 g
Analysis Date:	01/04/2013 1127			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Xylenes, Total		ND		2.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		58 - 140
4-Bromofluorobenzene (Surr)	108		76 - 127
Dibromofluoromethane (Surr)	97		75 - 121
Toluene-d8 (Surr)	110		80 - 126

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-3A

Lab Sample ID: 280-37486-5

Date Sampled: 01/02/2013 1450

Client Matrix: Solid

% Moisture: 22.2

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4169.D
Dilution:	1.0			Initial Weight/Volume:	5.415 g
Analysis Date:	01/04/2013 1146			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,1,1,2-Tetrachloroethane		ND		5.9
1,1,1-Trichloroethane		ND		5.9
1,1,2,2-Tetrachloroethane		ND		5.9
1,1,2-Trichloroethane		ND		5.9
1,1-Dichloroethane		ND		5.9
1,1-Dichloroethene		ND		5.9
1,2,3-Trichloropropane		ND		5.9
1,2-Dibromo-3-Chloropropane		ND		12
1,2-Dibromoethane		ND		5.9
1,2-Dichlorobenzene		ND		5.9
1,2-Dichloroethane		ND		5.9
1,2-Dichloropropane		ND		5.9
1,4-Dichlorobenzene		ND		5.9
2-Butanone (MEK)		ND		24
2-Hexanone		ND		24
4-Methyl-2-pentanone (MIBK)		ND		24
Acetone		ND		24
Acrylonitrile		ND		59
Benzene		ND		5.9
Bromodichloromethane		ND		5.9
Bromoform		ND		5.9
Bromomethane		ND		12
Carbon disulfide		ND		5.9
Carbon tetrachloride		ND		5.9
Chlorobenzene		ND		5.9
Chlorobromomethane		ND		5.9
Chlorodibromomethane		ND		5.9
Chloroethane		ND		12
Chloroform		ND		12
Chloromethane		ND		12
cis-1,2-Dichloroethene		ND		3.0
cis-1,3-Dichloropropene		ND		5.9
Dibromomethane		ND		5.9
Ethylbenzene		ND		5.9
Iodomethane		ND		5.9
Methylene Chloride		ND		5.9
Styrene		ND		5.9
Tetrachloroethene		ND		5.9
Toluene		ND		5.9
trans-1,2-Dichloroethene		ND	*	3.0
trans-1,3-Dichloropropene		ND		5.9
trans-1,4-Dichloro-2-butene		ND		5.9
Trichloroethene		ND		5.9
Trichlorofluoromethane		ND		12
Vinyl acetate		ND		12
Vinyl chloride		ND		5.9

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-3A

Lab Sample ID: 280-37486-5

Date Sampled: 01/02/2013 1450

Client Matrix: Solid

% Moisture: 22.2

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4169.D
Dilution:	1.0			Initial Weight/Volume:	5.415 g
Analysis Date:	01/04/2013 1146			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Xylenes, Total		ND		3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		58 - 140
4-Bromofluorobenzene (Surr)	112		76 - 127
Dibromofluoromethane (Surr)	96		75 - 121
Toluene-d8 (Surr)	111		80 - 126

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: RINSATE

Lab Sample ID: 280-37486-6

Date Sampled: 01/02/2013 1530

Client Matrix: Water

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154588	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G1244.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	01/04/2013 1313			Final Weight/Volume:	20 mL
Prep Date:	01/04/2013 1313				

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,1-Trichloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
1,1,2-Trichloroethane	ND		1.0
1,1-Dichloroethane	ND		1.0
1,1-Dichloroethene	ND		1.0
1,2,3-Trichloropropane	ND		2.5
1,2-Dibromo-3-Chloropropane	ND		5.0
1,2-Dibromoethane	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dichloroethane	ND		1.0
1,2-Dichloropropane	ND		1.0
1,4-Dichlorobenzene	ND		1.0
2-Butanone (MEK)	ND		6.0
2-Hexanone	ND		5.0
4-Methyl-2-pentanone (MIBK)	ND		5.0
Acetone	ND		10
Acrylonitrile	ND		20
Benzene	ND		1.0
Bromodichloromethane	ND		1.0
Bromoform	ND		1.0
Bromomethane	ND		2.0
Carbon disulfide	ND		2.0
Carbon tetrachloride	ND		1.0
Chlorobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Chlorodibromomethane	ND		1.0
Chloroethane	ND		2.0
Chloroform	ND		1.0
Chloromethane	ND		2.0
cis-1,2-Dichloroethene	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Dibromomethane	ND		1.0
Ethylbenzene	ND		1.0
Iodomethane	ND		1.0
Methylene Chloride	ND		2.0
Styrene	ND		1.0
Tetrachloroethene	ND		1.0
Toluene	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
trans-1,3-Dichloropropene	ND		3.0
trans-1,4-Dichloro-2-butene	ND		3.0
Trichloroethene	ND		1.0
Trichlorofluoromethane	ND		2.0
Vinyl acetate	ND		3.0
Vinyl chloride	ND		1.0

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: RINSATE

Lab Sample ID: 280-37486-6

Date Sampled: 01/02/2013 1530

Client Matrix: Water

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154588	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G1244.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	01/04/2013 1313			Final Weight/Volume:	20 mL
Prep Date:	01/04/2013 1313				

Analyte	Result (ug/L)	Qualifier	RL
Xylenes, Total	ND		1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	93		77 - 120
Toluene-d8 (Surr)	81		80 - 125

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-2B

Lab Sample ID: 280-37486-7

Date Sampled: 01/02/2013 1600

Client Matrix: Solid

% Moisture: 28.0

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4170.D
Dilution:	1.0			Initial Weight/Volume:	4.817 g
Analysis Date:	01/04/2013 1205			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,1,1,2-Tetrachloroethane		ND		7.2
1,1,1-Trichloroethane		ND		7.2
1,1,2,2-Tetrachloroethane		ND		7.2
1,1,2-Trichloroethane		ND		7.2
1,1-Dichloroethane		ND		7.2
1,1-Dichloroethene		ND		7.2
1,2,3-Trichloropropane		ND		7.2
1,2-Dibromo-3-Chloropropane		ND		14
1,2-Dibromoethane		ND		7.2
1,2-Dichlorobenzene		ND		7.2
1,2-Dichloroethane		ND		7.2
1,2-Dichloropropane		ND		7.2
1,4-Dichlorobenzene		ND		7.2
2-Butanone (MEK)		ND		29
2-Hexanone		ND		29
4-Methyl-2-pentanone (MIBK)		ND		29
Acetone		110		29
Acrylonitrile		ND		72
Benzene		ND		7.2
Bromodichloromethane		ND		7.2
Bromoform		ND		7.2
Bromomethane		ND		14
Carbon disulfide		ND		7.2
Carbon tetrachloride		ND		7.2
Chlorobenzene		ND		7.2
Chlorobromomethane		ND		7.2
Chlorodibromomethane		ND		7.2
Chloroethane		ND		14
Chloroform		ND		14
Chloromethane		ND		14
cis-1,2-Dichloroethene		ND		3.6
cis-1,3-Dichloropropene		ND		7.2
Dibromomethane		ND		7.2
Ethylbenzene		ND		7.2
Iodomethane		ND		7.2
Methylene Chloride		ND		7.2
Styrene		ND		7.2
Tetrachloroethene		ND		7.2
Toluene		ND		7.2
trans-1,2-Dichloroethene		ND	*	3.6
trans-1,3-Dichloropropene		ND		7.2
trans-1,4-Dichloro-2-butene		ND		7.2
Trichloroethene		ND		7.2
Trichlorofluoromethane		ND		14
Vinyl acetate		ND		14
Vinyl chloride		ND		7.2

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-2B

Lab Sample ID: 280-37486-7

Date Sampled: 01/02/2013 1600

Client Matrix: Solid

% Moisture: 28.0

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4170.D
Dilution:	1.0			Initial Weight/Volume:	4.817 g
Analysis Date:	01/04/2013 1205			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Xylenes, Total		ND		3.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		58 - 140
4-Bromofluorobenzene (Surr)	113		76 - 127
Dibromofluoromethane (Surr)	96		75 - 121
Toluene-d8 (Surr)	113		80 - 126

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-2A

Lab Sample ID: 280-37486-8

Date Sampled: 01/02/2013 1630

Client Matrix: Solid

% Moisture: 13.3

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4171.D
Dilution:	1.0			Initial Weight/Volume:	5.811 g
Analysis Date:	01/04/2013 1224			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,1,1,2-Tetrachloroethane		ND		5.0
1,1,1-Trichloroethane		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
1,1,2-Trichloroethane		ND		5.0
1,1-Dichloroethane		ND		5.0
1,1-Dichloroethene		ND		5.0
1,2,3-Trichloropropane		ND		5.0
1,2-Dibromo-3-Chloropropane		ND		9.9
1,2-Dibromoethane		ND		5.0
1,2-Dichlorobenzene		ND		5.0
1,2-Dichloroethane		ND		5.0
1,2-Dichloropropane		ND		5.0
1,4-Dichlorobenzene		ND		5.0
2-Butanone (MEK)		ND		20
2-Hexanone		ND		20
4-Methyl-2-pentanone (MIBK)		ND		20
Acetone		ND		20
Acrylonitrile		ND		50
Benzene		ND		5.0
Bromodichloromethane		ND		5.0
Bromoform		ND		5.0
Bromomethane		ND		9.9
Carbon disulfide		ND		5.0
Carbon tetrachloride		ND		5.0
Chlorobenzene		ND		5.0
Chlorobromomethane		ND		5.0
Chlorodibromomethane		ND		5.0
Chloroethane		ND		9.9
Chloroform		ND		9.9
Chloromethane		ND		9.9
cis-1,2-Dichloroethene		ND		2.5
cis-1,3-Dichloropropene		ND		5.0
Dibromomethane		ND		5.0
Ethylbenzene		ND		5.0
Iodomethane		ND		5.0
Methylene Chloride		ND		5.0
Styrene		ND		5.0
Tetrachloroethene		ND		5.0
Toluene		ND		5.0
trans-1,2-Dichloroethene		ND	*	2.5
trans-1,3-Dichloropropene		ND		5.0
trans-1,4-Dichloro-2-butene		ND		5.0
Trichloroethene		ND		5.0
Trichlorofluoromethane		ND		9.9
Vinyl acetate		ND		9.9
Vinyl chloride		ND		5.0

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-2A

Lab Sample ID: 280-37486-8

Date Sampled: 01/02/2013 1630

Client Matrix: Solid

% Moisture: 13.3

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154589	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	280-154632	Lab File ID:	g2_4171.D
Dilution:	1.0			Initial Weight/Volume:	5.811 g
Analysis Date:	01/04/2013 1224			Final Weight/Volume:	5 mL
Prep Date:	01/04/2013 0600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Xylenes, Total		ND		2.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		58 - 140
4-Bromofluorobenzene (Surr)	116		76 - 127
Dibromofluoromethane (Surr)	98		75 - 121
Toluene-d8 (Surr)	111		80 - 126

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 280-37486-9TB

Date Sampled: 01/02/2013 1530

Client Matrix: Water

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154588	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G1245.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	01/04/2013 1335			Final Weight/Volume:	20 mL
Prep Date:	01/04/2013 1335				

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,1-Trichloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
1,1,2-Trichloroethane	ND		1.0
1,1-Dichloroethane	ND		1.0
1,1-Dichloroethene	ND		1.0
1,2,3-Trichloropropane	ND		2.5
1,2-Dibromo-3-Chloropropane	ND		5.0
1,2-Dibromoethane	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dichloroethane	ND		1.0
1,2-Dichloropropane	ND		1.0
1,4-Dichlorobenzene	ND		1.0
2-Butanone (MEK)	ND		6.0
2-Hexanone	ND		5.0
4-Methyl-2-pentanone (MIBK)	ND		5.0
Acetone	ND		10
Acrylonitrile	ND		20
Benzene	ND		1.0
Bromodichloromethane	ND		1.0
Bromoform	ND		1.0
Bromomethane	ND		2.0
Carbon disulfide	ND		2.0
Carbon tetrachloride	ND		1.0
Chlorobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Chlorodibromomethane	ND		1.0
Chloroethane	ND		2.0
Chloroform	ND		1.0
Chloromethane	ND		2.0
cis-1,2-Dichloroethene	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Dibromomethane	ND		1.0
Ethylbenzene	ND		1.0
Iodomethane	ND		1.0
Methylene Chloride	ND		2.0
Styrene	ND		1.0
Tetrachloroethene	ND		1.0
Toluene	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
trans-1,3-Dichloropropene	ND		3.0
trans-1,4-Dichloro-2-butene	ND		3.0
Trichloroethene	ND		1.0
Trichlorofluoromethane	ND		2.0
Vinyl acetate	ND		3.0
Vinyl chloride	ND		1.0

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 280-37486-9TB

Date Sampled: 01/02/2013 1530

Client Matrix: Water

Date Received: 01/03/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-154588	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G1245.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	01/04/2013 1335			Final Weight/Volume:	20 mL
Prep Date:	01/04/2013 1335				

Analyte	Result (ug/L)	Qualifier	RL
Xylenes, Total	ND		1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120
Toluene-d8 (Surr)	81		80 - 125

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-1

Lab Sample ID: 280-37486-1

Date Sampled: 01/02/2013 1145

Client Matrix: Solid

% Moisture: 14.2

Date Received: 01/03/2013 0900

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 280-154794

Instrument ID: MT_025

Prep Method: 3050B

Prep Batch: 280-154597

Lab File ID: 25B010413.asc

Dilution: 1.0

Initial Weight/Volume: 1.08 g

Analysis Date: 01/04/2013 2218

Final Weight/Volume: 100 mL

Prep Date: 01/04/2013 1340

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Antimony		ND		1.6
Arsenic		ND		2.2
Barium		77		1.1
Beryllium		ND		0.54
Cadmium		ND		0.54
Chromium		13		1.6
Cobalt		5.5		1.1
Copper		3.9		2.2
Lead		5.8		0.86
Nickel		6.5		4.3
Selenium		ND		1.4
Silver		ND		1.1
Thallium		ND		1.3
Vanadium		22		2.2
Zinc		76		3.2

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-2C

Lab Sample ID: 280-37486-2

Date Sampled: 01/02/2013 1232

Client Matrix: Solid

% Moisture: 24.5

Date Received: 01/03/2013 0900

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 280-154794

Instrument ID: MT_025

Prep Method: 3050B

Prep Batch: 280-154597

Lab File ID: 25B010413.asc

Dilution: 1.0

Initial Weight/Volume: 1.05 g

Analysis Date: 01/04/2013 2235

Final Weight/Volume: 100 mL

Prep Date: 01/04/2013 1340

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Antimony		55		1.9
Arsenic		ND		2.5
Barium		110		1.3
Beryllium		ND		0.63
Cadmium		ND		0.63
Chromium		20		1.9
Cobalt		5.5		1.3
Copper		20		2.5
Lead		27		1.0
Nickel		12		5.0
Selenium		ND		1.6
Silver		ND		1.3
Thallium		ND		1.5
Vanadium		30		2.5
Zinc		140		3.8

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-3C

Lab Sample ID: 280-37486-3

Date Sampled: 01/02/2013 1325

Client Matrix: Solid

% Moisture: 15.0

Date Received: 01/03/2013 0900

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 280-154794

Instrument ID: MT_025

Prep Method: 3050B

Prep Batch: 280-154597

Lab File ID: 25B010413.asc

Dilution: 1.0

Initial Weight/Volume: 1.04 g

Analysis Date: 01/04/2013 2237

Final Weight/Volume: 100 mL

Prep Date: 01/04/2013 1340

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Antimony		ND		1.7
Arsenic		ND		2.3
Barium		110		1.1
Beryllium		ND		0.57
Cadmium		ND		0.57
Chromium		26		1.7
Cobalt		11		1.1
Copper		15		2.3
Lead		11		0.90
Nickel		15		4.5
Selenium		ND		1.5
Silver		ND		1.1
Thallium		ND		1.4
Vanadium		37		2.3
Zinc		53		3.4

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-3B

Lab Sample ID: 280-37486-4

Date Sampled: 01/02/2013 1355

Client Matrix: Solid

% Moisture: 22.0

Date Received: 01/03/2013 0900

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 280-154794

Instrument ID: MT_025

Prep Method: 3050B

Prep Batch: 280-154597

Lab File ID: 25B010413.asc

Dilution: 1.0

Initial Weight/Volume: 1.02 g

Analysis Date: 01/04/2013 2239

Final Weight/Volume: 100 mL

Prep Date: 01/04/2013 1340

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Antimony		ND		1.9
Arsenic		ND		2.5
Barium		240		1.3
Beryllium		ND		0.63
Cadmium		ND		0.63
Chromium		47		1.9
Cobalt		18		1.3
Copper		20		2.5
Lead		13		1.0
Nickel		22		5.0
Selenium		ND		1.6
Silver		ND		1.3
Thallium		ND		1.5
Vanadium		66		2.5
Zinc		73		3.8

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-3A

Lab Sample ID: 280-37486-5

Date Sampled: 01/02/2013 1450

Client Matrix: Solid

% Moisture: 22.2

Date Received: 01/03/2013 0900

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 280-154794

Instrument ID: MT_025

Prep Method: 3050B

Prep Batch: 280-154597

Lab File ID: 25B010413.asc

Dilution: 1.0

Initial Weight/Volume: 1.19 g

Analysis Date: 01/04/2013 2241

Final Weight/Volume: 100 mL

Prep Date: 01/04/2013 1340

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Antimony		ND		1.6
Arsenic		2.6		2.2
Barium		210		1.1
Beryllium		ND		0.54
Cadmium		ND		0.54
Chromium		39		1.6
Cobalt		14		1.1
Copper		25		2.2
Lead		11		0.86
Nickel		21		4.3
Selenium		ND		1.4
Silver		ND		1.1
Thallium		ND		1.3
Vanadium		59		2.2
Zinc		95		3.2

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: RINSATE

Lab Sample ID: 280-37486-6

Date Sampled: 01/02/2013 1530

Client Matrix: Water

Date Received: 01/03/2013 0900

6010B Metals (ICP)-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	280-154794	Instrument ID:	MT_025
Prep Method:	3005A	Prep Batch:	280-154570	Lab File ID:	25B010413.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	01/04/2013 2333			Final Weight/Volume:	50 mL
Prep Date:	01/04/2013 1340				

Analyte	Result (ug/L)	Qualifier	RL
Antimony	ND		10
Arsenic	ND		15
Barium	ND		10
Beryllium	ND		1.0
Cadmium	ND		5.0
Chromium	ND		10
Cobalt	ND		10
Copper	ND		15
Lead	ND		9.0
Nickel	ND		40
Selenium	ND		15
Silver	ND		10
Thallium	ND		15
Vanadium	ND		10
Zinc	29		20

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-2B

Lab Sample ID: 280-37486-7

Date Sampled: 01/02/2013 1600

Client Matrix: Solid

% Moisture: 28.0

Date Received: 01/03/2013 0900

6010B Metals (ICP)

Analysis Method: 6010B Analysis Batch: 280-154794 Instrument ID: MT_025
Prep Method: 3050B Prep Batch: 280-154597 Lab File ID: 25B010413.asc
Dilution: 1.0 Initial Weight/Volume: 1.12 g
Analysis Date: 01/04/2013 2243 Final Weight/Volume: 100 mL
Prep Date: 01/04/2013 1340

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Antimony		ND		1.9
Arsenic		4.1		2.5
Cadmium		ND		0.62
Chromium		21		1.9
Cobalt		17		1.2
Copper		53		2.5
Lead		16		0.99
Nickel		15		5.0
Selenium		ND		1.6
Silver		ND		1.2
Thallium		ND		1.5
Vanadium		35		2.5
Zinc		240		3.7

Analysis Method: 6010B Analysis Batch: 280-154929 Instrument ID: MT_025
Prep Method: 3050B Prep Batch: 280-154597 Lab File ID: 25A2010713.asc
Dilution: 5.0 Initial Weight/Volume: 1.12 g
Analysis Date: 01/07/2013 1425 Final Weight/Volume: 100 mL
Prep Date: 01/04/2013 1340

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Barium		130		6.2
Beryllium		ND		3.1

Analytical Data

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Client Sample ID: SS-2A

Lab Sample ID: 280-37486-8

Date Sampled: 01/02/2013 1630

Client Matrix: Solid

% Moisture: 13.3

Date Received: 01/03/2013 0900

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 280-154794

Instrument ID: MT_025

Prep Method: 3050B

Prep Batch: 280-154597

Lab File ID: 25B010413.asc

Dilution: 1.0

Initial Weight/Volume: 1.05 g

Analysis Date: 01/04/2013 2246

Final Weight/Volume: 100 mL

Prep Date: 01/04/2013 1340

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Antimony		ND		1.6
Arsenic		ND		2.2
Barium		180		1.1
Beryllium		ND		0.55
Cadmium		ND		0.55
Chromium		28		1.6
Cobalt		6.7		1.1
Copper		21		2.2
Lead		5.2		0.88
Nickel		13		4.4
Selenium		ND		1.4
Silver		ND		1.1
Thallium		ND		1.3
Vanadium		42		2.2
Zinc		90		3.3

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

General Chemistry

Client Sample ID: SS-1

Lab Sample ID: 280-37486-1

Date Sampled: 01/02/2013 1145

Client Matrix: Solid

% Moisture: 14.2

Date Received: 01/03/2013 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Phosphorus, Total	110		mg/Kg	12	2.0	365.1
	Analysis Batch: 280-155045	Analysis Date: 01/08/2013 1448				DryWt Corrected: Y
	Prep Batch: 280-154958	Prep Date: 01/08/2013 0938				
Nitrate as N-Soluble	ND		mg/Kg	5.7	1.0	9056
	Analysis Batch: 280-155378	Analysis Date: 01/09/2013 2034				DryWt Corrected: Y
Sulfate-Soluble	ND		mg/Kg	57	1.0	9056
	Analysis Batch: 280-155379	Analysis Date: 01/09/2013 2034				DryWt Corrected: Y
Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	14		%	0.10	1.0	Moisture
	Analysis Batch: 280-154606	Analysis Date: 01/04/2013 0823				DryWt Corrected: N

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

General Chemistry

Client Sample ID: SS-2C

Lab Sample ID: 280-37486-2

Date Sampled: 01/02/2013 1232

Client Matrix: Solid

% Moisture: 24.5

Date Received: 01/03/2013 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Phosphorus, Total	260		mg/Kg	66	10	365.1
	Analysis Batch: 280-155045	Analysis Date: 01/08/2013 1448				DryWt Corrected: Y
	Prep Batch: 280-154958	Prep Date: 01/08/2013 0938				
Nitrate as N-Soluble	11		mg/Kg	6.3	1.0	9056
	Analysis Batch: 280-155378	Analysis Date: 01/09/2013 2051				DryWt Corrected: Y
Sulfate-Soluble	92		mg/Kg	63	1.0	9056
	Analysis Batch: 280-155379	Analysis Date: 01/09/2013 2051				DryWt Corrected: Y
Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	25		%	0.10	1.0	Moisture
	Analysis Batch: 280-154606	Analysis Date: 01/04/2013 0823				DryWt Corrected: N

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

General Chemistry

Client Sample ID: SS-3C

Lab Sample ID: 280-37486-3

Date Sampled: 01/02/2013 1325

Client Matrix: Solid

% Moisture: 15.0

Date Received: 01/03/2013 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Phosphorus, Total	170		mg/Kg	29	5.0	365.1
	Analysis Batch: 280-155045	Analysis Date: 01/08/2013 1448				DryWt Corrected: Y
	Prep Batch: 280-154958	Prep Date: 01/08/2013 0938				
Nitrate as N-Soluble	ND		mg/Kg	5.5	1.0	9056
	Analysis Batch: 280-155378	Analysis Date: 01/09/2013 2200				DryWt Corrected: Y
Sulfate-Soluble	ND		mg/Kg	55	1.0	9056
	Analysis Batch: 280-155379	Analysis Date: 01/09/2013 2200				DryWt Corrected: Y
Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	15		%	0.10	1.0	Moisture
	Analysis Batch: 280-154606	Analysis Date: 01/04/2013 0823				DryWt Corrected: N

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

General Chemistry

Client Sample ID: SS-3B

Lab Sample ID: 280-37486-4

Date Sampled: 01/02/2013 1355

Client Matrix: Solid

% Moisture: 22.0

Date Received: 01/03/2013 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Phosphorus, Total	190		mg/Kg	32	5.0	365.1
	Analysis Batch: 280-155045	Analysis Date: 01/08/2013 1448				DryWt Corrected: Y
	Prep Batch: 280-154958	Prep Date: 01/08/2013 0938				
Nitrate as N-Soluble	ND		mg/Kg	6.1	1.0	9056
	Analysis Batch: 280-155378	Analysis Date: 01/09/2013 2218				DryWt Corrected: Y
Sulfate-Soluble	100		mg/Kg	61	1.0	9056
	Analysis Batch: 280-155379	Analysis Date: 01/09/2013 2218				DryWt Corrected: Y
Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	22		%	0.10	1.0	Moisture
	Analysis Batch: 280-154606	Analysis Date: 01/04/2013 0823				DryWt Corrected: N

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

General Chemistry

Client Sample ID: SS-3A

Lab Sample ID: 280-37486-5

Date Sampled: 01/02/2013 1450

Client Matrix: Solid

% Moisture: 22.2

Date Received: 01/03/2013 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Phosphorus, Total	210		mg/Kg	32	5.0	365.1
	Analysis Batch: 280-155045	Analysis Date: 01/08/2013 1448				DryWt Corrected: Y
	Prep Batch: 280-154958	Prep Date: 01/08/2013 0938				
Nitrate as N-Soluble	6.1		mg/Kg	6.1	1.0	9056
	Analysis Batch: 280-155378	Analysis Date: 01/09/2013 2310				DryWt Corrected: Y
Sulfate-Soluble	63		mg/Kg	61	1.0	9056
	Analysis Batch: 280-155379	Analysis Date: 01/09/2013 2310				DryWt Corrected: Y
Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	22		%	0.10	1.0	Moisture
	Analysis Batch: 280-154606	Analysis Date: 01/04/2013 0823				DryWt Corrected: N

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

General Chemistry

Client Sample ID: RINSATE

Lab Sample ID: 280-37486-6

Date Sampled: 01/02/2013 1530

Client Matrix: Water

Date Received: 01/03/2013 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Nitrate as N	ND		mg/L	0.50	1.0	300.0
	Analysis Batch: 280-154655	Analysis Date: 01/03/2013 1308				
Sulfate	ND		mg/L	5.0	1.0	300.0
	Analysis Batch: 280-154656	Analysis Date: 01/03/2013 1308				
Phosphorus, Total	ND		mg/L	0.050	1.0	365.1
	Analysis Batch: 280-154887	Analysis Date: 01/07/2013 1421				
	Prep Batch: 280-154829	Prep Date: 01/07/2013 1029				

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

General Chemistry

Client Sample ID: SS-2B

Lab Sample ID: 280-37486-7

Date Sampled: 01/02/2013 1600

Client Matrix: Solid

% Moisture: 28.0

Date Received: 01/03/2013 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Phosphorus, Total	340		mg/Kg	69	10	365.1
	Analysis Batch: 280-155045	Analysis Date: 01/08/2013 1448				DryWt Corrected: Y
	Prep Batch: 280-154958	Prep Date: 01/08/2013 0938				
Nitrate as N-Soluble	ND		mg/Kg	6.8	1.0	9056
	Analysis Batch: 280-155378	Analysis Date: 01/09/2013 2327				DryWt Corrected: Y
Sulfate-Soluble	440		mg/Kg	68	1.0	9056
	Analysis Batch: 280-155379	Analysis Date: 01/09/2013 2327				DryWt Corrected: Y
Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	28		%	0.10	1.0	Moisture
	Analysis Batch: 280-154606	Analysis Date: 01/04/2013 0823				DryWt Corrected: N

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

General Chemistry

Client Sample ID: SS-2A

Lab Sample ID: 280-37486-8

Date Sampled: 01/02/2013 1630

Client Matrix: Solid

% Moisture: 13.3

Date Received: 01/03/2013 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Phosphorus, Total	280		mg/Kg	58	10	365.1
	Analysis Batch: 280-155045		Analysis Date: 01/08/2013 1448			DryWt Corrected: Y
	Prep Batch: 280-154958		Prep Date: 01/08/2013 0938			
Nitrate as N-Soluble	ND		mg/Kg	5.4	1.0	9056
	Analysis Batch: 280-155378		Analysis Date: 01/09/2013 2344			DryWt Corrected: Y
Sulfate-Soluble	150		mg/Kg	54	1.0	9056
	Analysis Batch: 280-155379		Analysis Date: 01/09/2013 2344			DryWt Corrected: Y
Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	13		%	0.10	1.0	Moisture
	Analysis Batch: 280-154606		Analysis Date: 01/04/2013 0823			DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	E	Result exceeded calibration range.
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate is outside control limits
General Chemistry	F	MS or MSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

QUALITY CONTROL RESULTS

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:280-154588					
LCS 280-154588/4	Lab Control Sample	T	Water	8260B	
MB 280-154588/5	Method Blank	T	Water	8260B	
280-37482-I-1 MS	Matrix Spike	T	Water	8260B	
280-37482-I-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-37486-6	RINSATE	T	Water	8260B	
280-37486-9TB	TRIP BLANK	T	Water	8260B	
Analysis Batch:280-154589					
LCS 280-154632/2-A	Lab Control Sample	T	Solid	8260B	280-154632
MB 280-154632/1-A	Method Blank	T	Solid	8260B	280-154632
280-37486-1	SS-1	T	Solid	8260B	280-154632
280-37486-3	SS-3C	T	Solid	8260B	280-154632
280-37486-3MS	Matrix Spike	T	Solid	8260B	280-154632
280-37486-3MSD	Matrix Spike Duplicate	T	Solid	8260B	280-154632
280-37486-4	SS-3B	T	Solid	8260B	280-154632
280-37486-5	SS-3A	T	Solid	8260B	280-154632
280-37486-7	SS-2B	T	Solid	8260B	280-154632
280-37486-8	SS-2A	T	Solid	8260B	280-154632
Prep Batch: 280-154632					
LCS 280-154632/2-A	Lab Control Sample	T	Solid	5030B	
MB 280-154632/1-A	Method Blank	T	Solid	5030B	
280-37486-1	SS-1	T	Solid	5030B	
280-37486-3	SS-3C	T	Solid	5030B	
280-37486-3MS	Matrix Spike	T	Solid	5030B	
280-37486-3MSD	Matrix Spike Duplicate	T	Solid	5030B	
280-37486-4	SS-3B	T	Solid	5030B	
280-37486-5	SS-3A	T	Solid	5030B	
280-37486-7	SS-2B	T	Solid	5030B	
280-37486-8	SS-2A	T	Solid	5030B	
Analysis Batch:280-154904					
LCS 280-154914/2-A	Lab Control Sample	T	Solid	8260B	280-154914
MB 280-154914/1-A	Method Blank	T	Solid	8260B	280-154914
280-37486-2	SS-2C	T	Solid	8260B	280-154914
280-37486-2MS	Matrix Spike	T	Solid	8260B	280-154914
280-37486-2MSD	Matrix Spike Duplicate	T	Solid	8260B	280-154914
Prep Batch: 280-154914					
LCS 280-154914/2-A	Lab Control Sample	T	Solid	5030B	
MB 280-154914/1-A	Method Blank	T	Solid	5030B	
280-37486-2	SS-2C	T	Solid	5030B	
280-37486-2MS	Matrix Spike	T	Solid	5030B	
280-37486-2MSD	Matrix Spike Duplicate	T	Solid	5030B	

TestAmerica Denver

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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Report Basis

T = Total

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
Metals					
Prep Batch: 280-154570					
LCS 280-154570/2-A	Lab Control Sample	R	Water	3005A	
MB 280-154570/1-A	Method Blank	R	Water	3005A	
280-37482-E-1-H MS	Matrix Spike	R	Water	3005A	
280-37482-E-1-I MSD	Matrix Spike Duplicate	R	Water	3005A	
280-37486-6	RINSATE	R	Water	3005A	
Prep Batch: 280-154597					
LCS 280-154597/2-A	Lab Control Sample	T	Solid	3050B	
MB 280-154597/1-A	Method Blank	T	Solid	3050B	
280-37486-1	SS-1	T	Solid	3050B	
280-37486-1MS	Matrix Spike	T	Solid	3050B	
280-37486-1MSD	Matrix Spike Duplicate	T	Solid	3050B	
280-37486-2	SS-2C	T	Solid	3050B	
280-37486-3	SS-3C	T	Solid	3050B	
280-37486-4	SS-3B	T	Solid	3050B	
280-37486-5	SS-3A	T	Solid	3050B	
280-37486-7	SS-2B	T	Solid	3050B	
280-37486-8	SS-2A	T	Solid	3050B	
Analysis Batch:280-154794					
LCS 280-154570/2-A	Lab Control Sample	R	Water	6010B	280-154570
MB 280-154570/1-A	Method Blank	R	Water	6010B	280-154570
LCS 280-154597/2-A	Lab Control Sample	T	Solid	6010B	280-154597
MB 280-154597/1-A	Method Blank	T	Solid	6010B	280-154597
280-37482-E-1-H MS	Matrix Spike	R	Water	6010B	280-154570
280-37482-E-1-I MSD	Matrix Spike Duplicate	R	Water	6010B	280-154570
280-37486-1	SS-1	T	Solid	6010B	280-154597
280-37486-1MS	Matrix Spike	T	Solid	6010B	280-154597
280-37486-1MSD	Matrix Spike Duplicate	T	Solid	6010B	280-154597
280-37486-2	SS-2C	T	Solid	6010B	280-154597
280-37486-3	SS-3C	T	Solid	6010B	280-154597
280-37486-4	SS-3B	T	Solid	6010B	280-154597
280-37486-5	SS-3A	T	Solid	6010B	280-154597
280-37486-6	RINSATE	R	Water	6010B	280-154570
280-37486-7	SS-2B	T	Solid	6010B	280-154597
280-37486-8	SS-2A	T	Solid	6010B	280-154597
Analysis Batch:280-154929					
280-37486-7	SS-2B	T	Solid	6010B	280-154597

Report Basis

R = Total Recoverable

T = Total

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:280-154606					
280-37486-1	SS-1	T	Solid	Moisture	
280-37486-1DU	Duplicate	T	Solid	Moisture	
280-37486-2	SS-2C	T	Solid	Moisture	
280-37486-3	SS-3C	T	Solid	Moisture	
280-37486-4	SS-3B	T	Solid	Moisture	
280-37486-5	SS-3A	T	Solid	Moisture	
280-37486-7	SS-2B	T	Solid	Moisture	
280-37486-8	SS-2A	T	Solid	Moisture	
Analysis Batch:280-154655					
LCS 280-154655/5	Lab Control Sample	T	Water	300.0	
LCSD 280-154655/6	Lab Control Sample Duplicate	T	Water	300.0	
MB 280-154655/7	Method Blank	T	Water	300.0	
280-37486-6	RINSATE	T	Water	300.0	
280-37486-6MS	Matrix Spike	T	Water	300.0	
280-37486-6MSD	Matrix Spike Duplicate	T	Water	300.0	
Analysis Batch:280-154656					
LCS 280-154656/5	Lab Control Sample	T	Water	300.0	
LCSD 280-154656/6	Lab Control Sample Duplicate	T	Water	300.0	
MB 280-154656/7	Method Blank	T	Water	300.0	
280-37486-6	RINSATE	T	Water	300.0	
280-37486-6DU	Duplicate	T	Water	300.0	
280-37486-6MS	Matrix Spike	T	Water	300.0	
280-37486-6MSD	Matrix Spike Duplicate	T	Water	300.0	
Prep Batch: 280-154829					
LCS 280-154829/3-A	Lab Control Sample	T	Water	365.2/365.3/365	
LCSD 280-154829/4-A	Lab Control Sample Duplicate	T	Water	365.2/365.3/365	
MB 280-154829/5-A	Method Blank	T	Water	365.2/365.3/365	
280-37450-D-2-B MS	Matrix Spike	T	Water	365.2/365.3/365	
280-37450-D-2-C MSD	Matrix Spike Duplicate	T	Water	365.2/365.3/365	
280-37486-6	RINSATE	T	Water	365.2/365.3/365	
Analysis Batch:280-154887					
LCS 280-154829/3-A	Lab Control Sample	T	Water	365.1	280-154829
LCSD 280-154829/4-A	Lab Control Sample Duplicate	T	Water	365.1	280-154829
MB 280-154829/5-A	Method Blank	T	Water	365.1	280-154829
280-37450-D-2-B MS	Matrix Spike	T	Water	365.1	280-154829
280-37450-D-2-C MSD	Matrix Spike Duplicate	T	Water	365.1	280-154829
280-37486-6	RINSATE	T	Water	365.1	280-154829

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
General Chemistry					
Prep Batch: 280-154958					
LCS 280-154958/3-A	Lab Control Sample	T	Solid	365.2/365.3/365	
LCSD 280-154958/4-A	Lab Control Sample Duplicate	T	Solid	365.2/365.3/365	
MB 280-154958/5-A	Method Blank	T	Solid	365.2/365.3/365	
280-37486-1	SS-1	T	Solid	365.2/365.3/365	
280-37486-2	SS-2C	T	Solid	365.2/365.3/365	
280-37486-3	SS-3C	T	Solid	365.2/365.3/365	
280-37486-4	SS-3B	T	Solid	365.2/365.3/365	
280-37486-5	SS-3A	T	Solid	365.2/365.3/365	
280-37486-7	SS-2B	T	Solid	365.2/365.3/365	
280-37486-8	SS-2A	T	Solid	365.2/365.3/365	
280-37486-8MS	Matrix Spike	T	Solid	365.2/365.3/365	
280-37486-8MSD	Matrix Spike Duplicate	T	Solid	365.2/365.3/365	
Analysis Batch:280-155045					
LCS 280-154958/3-A	Lab Control Sample	T	Solid	365.1	280-154958
LCSD 280-154958/4-A	Lab Control Sample Duplicate	T	Solid	365.1	280-154958
MB 280-154958/5-A	Method Blank	T	Solid	365.1	280-154958
280-37486-1	SS-1	T	Solid	365.1	280-154958
280-37486-2	SS-2C	T	Solid	365.1	280-154958
280-37486-3	SS-3C	T	Solid	365.1	280-154958
280-37486-4	SS-3B	T	Solid	365.1	280-154958
280-37486-5	SS-3A	T	Solid	365.1	280-154958
280-37486-7	SS-2B	T	Solid	365.1	280-154958
280-37486-8	SS-2A	T	Solid	365.1	280-154958
280-37486-8MS	Matrix Spike	T	Solid	365.1	280-154958
280-37486-8MSD	Matrix Spike Duplicate	T	Solid	365.1	280-154958
Prep Batch: 280-155193					
LCS 280-155193/1-A	Lab Control Sample	S	Solid	DI Leach	
LCSD 280-155193/2-A	Lab Control Sample Duplicate	S	Solid	DI Leach	
MB 280-155193/3-A	Method Blank	S	Solid	DI Leach	
280-37486-1	SS-1	S	Solid	DI Leach	
280-37486-2	SS-2C	S	Solid	DI Leach	
280-37486-2DU	Duplicate	S	Solid	DI Leach	
280-37486-2MS	Matrix Spike	S	Solid	DI Leach	
280-37486-2MSD	Matrix Spike Duplicate	S	Solid	DI Leach	
280-37486-3	SS-3C	S	Solid	DI Leach	
280-37486-4	SS-3B	S	Solid	DI Leach	
280-37486-5	SS-3A	S	Solid	DI Leach	
280-37486-7	SS-2B	S	Solid	DI Leach	
280-37486-8	SS-2A	S	Solid	DI Leach	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:280-155378					
LCS 280-155193/1-A	Lab Control Sample	S	Solid	9056	
LCSD 280-155193/2-A	Lab Control Sample Duplicate	S	Solid	9056	
MB 280-155193/3-A	Method Blank	S	Solid	9056	
280-37486-1	SS-1	S	Solid	9056	
280-37486-2	SS-2C	S	Solid	9056	
280-37486-2DU	Duplicate	S	Solid	9056	
280-37486-2MS	Matrix Spike	S	Solid	9056	
280-37486-2MSD	Matrix Spike Duplicate	S	Solid	9056	
280-37486-3	SS-3C	S	Solid	9056	
280-37486-4	SS-3B	S	Solid	9056	
280-37486-5	SS-3A	S	Solid	9056	
280-37486-7	SS-2B	S	Solid	9056	
280-37486-8	SS-2A	S	Solid	9056	
Analysis Batch:280-155379					
LCS 280-155193/1-A	Lab Control Sample	S	Solid	9056	
LCSD 280-155193/2-A	Lab Control Sample Duplicate	S	Solid	9056	
MB 280-155193/3-A	Method Blank	S	Solid	9056	
280-37486-1	SS-1	S	Solid	9056	
280-37486-2	SS-2C	S	Solid	9056	
280-37486-2DU	Duplicate	S	Solid	9056	
280-37486-2MS	Matrix Spike	S	Solid	9056	
280-37486-2MSD	Matrix Spike Duplicate	S	Solid	9056	
280-37486-3	SS-3C	S	Solid	9056	
280-37486-4	SS-3B	S	Solid	9056	
280-37486-5	SS-3A	S	Solid	9056	
280-37486-7	SS-2B	S	Solid	9056	
280-37486-8	SS-2A	S	Solid	9056	

Report Basis

S = Soluble

T = Total

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	BFB %Rec	DBFM %Rec	TOL %Rec
280-37486-1	SS-1	107	106	97	111
280-37486-2	SS-2C	92	134X	96	112
280-37486-3	SS-3C	108	110	97	111
280-37486-4	SS-3B	112	108	97	110
280-37486-5	SS-3A	105	112	96	111
280-37486-7	SS-2B	106	113	96	113
280-37486-8	SS-2A	109	116	98	111
MB 280-154632/1-A		104	106	96	111
MB 280-154914/1-A		93	106	95	104
LCS 280-154632/2-A		109	108	97	108
LCS 280-154914/2-A		97	106	96	100
280-37486-2 MS	SS-2C MS	96	130X	96	108
280-37486-3 MS	SS-3C MS	112	108	97	107
280-37486-2 MSD	SS-2C MSD	96	146X	98	112
280-37486-3 MSD	SS-3C MSD	110	108	96	108

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	58-140
BFB = 4-Bromofluorobenzene (Surr)	76-127
DBFM = Dibromofluoromethane (Surr)	75-121
TOL = Toluene-d8 (Surr)	80-126

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	BFB %Rec	DBFM %Rec	TOL %Rec
280-37486-6	RINSATE	94	93	93	81
280-37486-9	TRIP BLANK	95	93	94	81
MB 280-154588/5		99	96	99	88
LCS 280-154588/4		103	92	100	85
280-37482-I-1 MS		98	90	97	85
280-37482-I-1 MSD		94	90	92	82

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
BFB = 4-Bromofluorobenzene (Surr)	78-120
DBFM = Dibromofluoromethane (Surr)	77-120
TOL = Toluene-d8 (Surr)	80-125

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154588

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 280-154588/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/04/2013 0753
 Prep Date: 01/04/2013 0753
 Leach Date: N/A

Analysis Batch: 280-154588
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G
 Lab File ID: G1231.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	RL
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,1-Trichloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
1,1,2-Trichloroethane	ND		1.0
1,1-Dichloroethane	ND		1.0
1,1-Dichloroethene	ND		1.0
1,2,3-Trichloropropane	ND		2.5
1,2-Dibromo-3-Chloropropane	ND		5.0
1,2-Dibromoethane	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,2-Dichloroethane	ND		1.0
1,2-Dichloropropane	ND		1.0
1,4-Dichlorobenzene	ND		1.0
2-Butanone (MEK)	ND		6.0
2-Hexanone	ND		5.0
4-Methyl-2-pentanone (MIBK)	ND		5.0
Acetone	ND		10
Acrylonitrile	ND		20
Benzene	ND		1.0
Bromodichloromethane	ND		1.0
Bromoform	ND		1.0
Bromomethane	ND		2.0
Carbon disulfide	ND		2.0
Carbon tetrachloride	ND		1.0
Chlorobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Chlorodibromomethane	ND		1.0
Chloroethane	ND		2.0
Chloroform	ND		1.0
Chloromethane	ND		2.0
cis-1,2-Dichloroethene	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
Dibromomethane	ND		1.0
Ethylbenzene	ND		1.0
Iodomethane	ND		1.0
Methylene Chloride	ND		2.0
Styrene	ND		1.0
Tetrachloroethene	ND		1.0
Toluene	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
trans-1,3-Dichloropropene	ND		3.0
trans-1,4-Dichloro-2-butene	ND		3.0
Trichloroethene	ND		1.0
Trichlorofluoromethane	ND		2.0
Vinyl acetate	ND		3.0

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154588

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 280-154588/5	Analysis Batch: 280-154588	Instrument ID: VMS_G
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G1231.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 01/04/2013 0753	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 01/04/2013 0753		
Leach Date: N/A		

Analyte	Result	Qual	RL
Vinyl chloride	ND		1.0
Xylenes, Total	ND		1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 127
4-Bromofluorobenzene (Surr)	96	78 - 120
Dibromofluoromethane (Surr)	99	77 - 120
Toluene-d8 (Surr)	88	80 - 125

Lab Control Sample - Batch: 280-154588

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: LCS 280-154588/4	Analysis Batch: 280-154588	Instrument ID: VMS_G
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G1232.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 01/04/2013 0816	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 01/04/2013 0816		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	5.00	5.90	118	70 - 135	
1,1-Dichloroethane	5.00	5.33	107	75 - 135	
1,1-Dichloroethene	5.00	6.36	127	71 - 136	
1,2-Dichloropropane	5.00	5.05	101	71 - 120	
1,4-Dichlorobenzene	5.00	5.12	102	75 - 135	
Benzene	5.00	5.17	103	74 - 135	
Bromodichloromethane	5.00	5.83	117	73 - 135	
Carbon tetrachloride	5.00	6.11	122	67 - 135	
Chlorobenzene	5.00	5.26	105	76 - 135	
Chloroform	5.00	5.75	115	76 - 120	
Ethylbenzene	5.00	4.89	98	72 - 120	
Methylene Chloride	5.00	6.07	121	54 - 141	
Tetrachloroethene	5.00	5.24	105	70 - 135	
Toluene	5.00	5.01	100	73 - 120	
trans-1,2-Dichloroethene	5.00	5.58	112	75 - 135	
Trichloroethene	5.00	5.21	104	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 127
4-Bromofluorobenzene (Surr)	92	78 - 120
Dibromofluoromethane (Surr)	100	77 - 120
Toluene-d8 (Surr)	85	80 - 125

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154588**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-37482-I-1 MS	Analysis Batch: 280-154588	Instrument ID: VMS_G
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G1234.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 01/04/2013 0931		Final Weight/Volume: 20 mL
Prep Date: 01/04/2013 0931		
Leach Date: N/A		

MSD Lab Sample ID: 280-37482-I-1 MSD	Analysis Batch: 280-154588	Instrument ID: VMS_G
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G1235.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 01/04/2013 0953		Final Weight/Volume: 20 mL
Prep Date: 01/04/2013 0953		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	120	111	70 - 135	7	20		
1,1-Dichloroethane	110	103	75 - 135	7	21		
1,1-Dichloroethene	126	122	71 - 136	4	20		
1,2-Dichloropropane	98	96	71 - 120	2	20		
1,4-Dichlorobenzene	103	101	75 - 135	3	23		
Benzene	104	96	74 - 135	8	20		
Bromodichloromethane	118	111	73 - 135	6	20		
Carbon tetrachloride	121	114	67 - 135	6	21		
Chlorobenzene	105	102	76 - 135	4	20		
Chloroform	111	109	76 - 120	2	20		
Ethylbenzene	104	99	72 - 120	5	26		
Methylene Chloride	112	104	54 - 141	7	20		
Tetrachloroethene	107	102	70 - 135	5	20		
Toluene	101	95	73 - 120	6	20		
trans-1,2-Dichloroethene	111	106	75 - 135	5	24		
Trichloroethene	106	101	73 - 135	4	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		98	94			70 - 127	
4-Bromofluorobenzene (Surr)		90	90			78 - 120	
Dibromofluoromethane (Surr)		97	92			77 - 120	
Toluene-d8 (Surr)		85	82			80 - 125	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154588**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-37482-I-1 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/04/2013 0931
 Prep Date: 01/04/2013 0931
 Leach Date: N/A

MSD Lab Sample ID: 280-37482-I-1 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/04/2013 0953
 Prep Date: 01/04/2013 0953
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1,1-Trichloroethane	ND	5.00	5.00	5.99	5.57
1,1-Dichloroethane	ND	5.00	5.00	5.50	5.14
1,1-Dichloroethene	ND	5.00	5.00	6.32	6.10
1,2-Dichloropropane	ND	5.00	5.00	4.92	4.82
1,4-Dichlorobenzene	ND	5.00	5.00	5.17	5.04
Benzene	ND	5.00	5.00	5.18	4.80
Bromodichloromethane	ND	5.00	5.00	5.88	5.56
Carbon tetrachloride	ND	5.00	5.00	6.06	5.72
Chlorobenzene	ND	5.00	5.00	5.26	5.08
Chloroform	ND	5.00	5.00	5.74	5.65
Ethylbenzene	ND	5.00	5.00	5.22	4.95
Methylene Chloride	ND	5.00	5.00	5.60	5.20
Tetrachloroethene	ND	5.00	5.00	5.34	5.08
Toluene	ND	5.00	5.00	5.04	4.73
trans-1,2-Dichloroethene	ND	5.00	5.00	5.56	5.28
Trichloroethene	ND	5.00	5.00	5.28	5.06

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154632

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 280-154632/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/04/2013 0900
 Prep Date: 01/04/2013 0600
 Leach Date: N/A

Analysis Batch: 280-154589
 Prep Batch: 280-154632
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: VMS_G2
 Lab File ID: g2_4161.D
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,1,1,2-Tetrachloroethane	ND		5.0
1,1,1-Trichloroethane	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
1,1,2-Trichloroethane	ND		5.0
1,1-Dichloroethane	ND		5.0
1,1-Dichloroethene	ND		5.0
1,2,3-Trichloropropane	ND		5.0
1,2-Dibromo-3-Chloropropane	ND		10
1,2-Dibromoethane	ND		5.0
1,2-Dichlorobenzene	ND		5.0
1,2-Dichloroethane	ND		5.0
1,2-Dichloropropane	ND		5.0
1,4-Dichlorobenzene	ND		5.0
2-Butanone (MEK)	ND		20
2-Hexanone	ND		20
4-Methyl-2-pentanone (MIBK)	ND		20
Acetone	ND		20
Acrylonitrile	ND		50
Benzene	ND		5.0
Bromodichloromethane	ND		5.0
Bromoform	ND		5.0
Bromomethane	ND		10
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		5.0
Chlorobenzene	ND		5.0
Chlorobromomethane	ND		5.0
Chlorodibromomethane	ND		5.0
Chloroethane	ND		10
Chloroform	ND		10
Chloromethane	ND		10
cis-1,2-Dichloroethene	ND		2.5
cis-1,3-Dichloropropene	ND		5.0
Dibromomethane	ND		5.0
Ethylbenzene	ND		5.0
Iodomethane	ND		5.0
Methylene Chloride	ND		5.0
Styrene	ND		5.0
Tetrachloroethene	ND		5.0
Toluene	ND		5.0
trans-1,2-Dichloroethene	ND		2.5
trans-1,3-Dichloropropene	ND		5.0
trans-1,4-Dichloro-2-butene	ND		5.0
Trichloroethene	ND		5.0
Trichlorofluoromethane	ND		10
Vinyl acetate	ND		10

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154632

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 280-154632/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 01/04/2013 0900
Prep Date: 01/04/2013 0600
Leach Date: N/A

Analysis Batch: 280-154589
Prep Batch: 280-154632
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VMS_G2
Lab File ID: g2_4161.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Vinyl chloride	ND		5.0
Xylenes, Total	ND		2.5

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	58 - 140
4-Bromofluorobenzene (Surr)	106	76 - 127
Dibromofluoromethane (Surr)	96	75 - 121
Toluene-d8 (Surr)	111	80 - 126

Lab Control Sample - Batch: 280-154632

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: LCS 280-154632/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 01/04/2013 0920
Prep Date: 01/04/2013 0600
Leach Date: N/A

Analysis Batch: 280-154589
Prep Batch: 280-154632
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VMS_G2
Lab File ID: g2_4162.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	41.0	82	70 - 135	
1,1-Dichloroethane	50.0	42.0	84	70 - 135	
1,1-Dichloroethene	50.0	48.2	96	79 - 135	
1,2-Dichloropropane	50.0	45.1	90	72 - 121	
1,4-Dichlorobenzene	50.0	42.5	85	73 - 135	
Benzene	50.0	42.3	85	75 - 135	
Bromodichloromethane	50.0	47.9	96	73 - 135	
Carbon tetrachloride	50.0	45.8	92	69 - 138	
Chlorobenzene	50.0	42.3	85	78 - 135	
Chloroform	50.0	42.2	84	73 - 123	
Ethylbenzene	50.0	42.1	84	73 - 125	
Methylene Chloride	50.0	41.6	83	76 - 136	
Tetrachloroethene	50.0	44.7	89	76 - 135	
Toluene	50.0	42.8	86	77 - 122	
trans-1,2-Dichloroethene	50.0	38.0	76	77 - 135	*
Trichloroethene	50.0	42.5	85	77 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	58 - 140
4-Bromofluorobenzene (Surr)	108	76 - 127
Dibromofluoromethane (Surr)	97	75 - 121
Toluene-d8 (Surr)	108	80 - 126

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154632**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-37486-3	Analysis Batch: 280-154589	Instrument ID: VMS_G2
Client Matrix: Solid	Prep Batch: 280-154632	Lab File ID: g2_4166.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 4.687 g
Analysis Date: 01/04/2013 1049		Final Weight/Volume: 5 mL
Prep Date: 01/04/2013 0600		
Leach Date: N/A		

MSD Lab Sample ID: 280-37486-3	Analysis Batch: 280-154589	Instrument ID: VMS_G2
Client Matrix: Solid	Prep Batch: 280-154632	Lab File ID: g2_4167.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5.678 g
Analysis Date: 01/04/2013 1108		Final Weight/Volume: 5 mL
Prep Date: 01/04/2013 0600		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	85	80	70 - 135	26	20	F	
1,1-Dichloroethane	89	86	70 - 135	23	20	F	
1,1-Dichloroethene	100	97	79 - 135	22	20	F	
1,2-Dichloropropane	95	93	72 - 121	21	20	F	
1,4-Dichlorobenzene	86	83	73 - 135	23	22	F	
Benzene	89	86	75 - 135	23	20	F	
Bromodichloromethane	103	99	73 - 135	22	20	F	
Carbon tetrachloride	96	92	69 - 138	24	20	F	
Chlorobenzene	87	86	78 - 135	20	20	F	
Chloroform	90	88	73 - 123	21	20	F	
Ethylbenzene	86	84	73 - 125	21	20	F	
Methylene Chloride	88	85	76 - 136	23	21	F	
Tetrachloroethene	91	89	76 - 135	21	20	F	
Toluene	88	86	77 - 122	22	20	F	
trans-1,2-Dichloroethene	79	76	77 - 135	23	20	F	
Trichloroethene	88	87	77 - 135	20	20	F	
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		112	110			58 - 140	
4-Bromofluorobenzene (Surr)		108	108			76 - 127	
Dibromofluoromethane (Surr)		97	96			75 - 121	
Toluene-d8 (Surr)		107	108			80 - 126	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154632**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-37486-3 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 01/04/2013 1049
Prep Date: 01/04/2013 0600
Leach Date: N/A

MSD Lab Sample ID: 280-37486-3
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 01/04/2013 1108
Prep Date: 01/04/2013 0600
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,1,1-Trichloroethane	ND	62.8	51.8	53.7	41.3	F
1,1-Dichloroethane	ND	62.8	51.8	55.6	44.3	F
1,1-Dichloroethene	ND	62.8	51.8	63.1	50.3	F
1,2-Dichloropropane	ND	62.8	51.8	59.6	48.2	F
1,4-Dichlorobenzene	ND	62.8	51.8	54.2	43.1	F
Benzene	ND	62.8	51.8	56.0	44.6	F
Bromodichloromethane	ND	62.8	51.8	64.4	51.5	F
Carbon tetrachloride	ND	62.8	51.8	60.5	47.7	F
Chlorobenzene	ND	62.8	51.8	54.6	44.4	
Chloroform	ND	62.8	51.8	56.2	45.3	F
Ethylbenzene	ND	62.8	51.8	53.9	43.6	F
Methylene Chloride	ND	62.8	51.8	55.3	44.0	F
Tetrachloroethene	ND	62.8	51.8	57.0	45.9	F
Toluene	ND	62.8	51.8	55.5	44.6	F
trans-1,2-Dichloroethene	ND	62.8	51.8	49.6	39.4	F
Trichloroethene	ND	62.8	51.8	55.1	44.9	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154914

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 280-154914/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/07/2013 1839
 Prep Date: 01/07/2013 1600
 Leach Date: N/A

Analysis Batch: 280-154904
 Prep Batch: 280-154914
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: VMS_G2
 Lab File ID: g2_4232.D
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,1,1,2-Tetrachloroethane	ND		5.0
1,1,1-Trichloroethane	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
1,1,2-Trichloroethane	ND		5.0
1,1-Dichloroethane	ND		5.0
1,1-Dichloroethene	ND		5.0
1,2,3-Trichloropropane	ND		5.0
1,2-Dibromo-3-Chloropropane	ND		10
1,2-Dibromoethane	ND		5.0
1,2-Dichlorobenzene	ND		5.0
1,2-Dichloroethane	ND		5.0
1,2-Dichloropropane	ND		5.0
1,4-Dichlorobenzene	ND		5.0
2-Butanone (MEK)	ND		20
2-Hexanone	ND		20
4-Methyl-2-pentanone (MIBK)	ND		20
Acetone	ND		20
Acrylonitrile	ND		50
Benzene	ND		5.0
Bromodichloromethane	ND		5.0
Bromoform	ND		5.0
Bromomethane	ND		10
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		5.0
Chlorobenzene	ND		5.0
Chlorobromomethane	ND		5.0
Chlorodibromomethane	ND		5.0
Chloroethane	ND		10
Chloroform	ND		10
Chloromethane	ND		10
cis-1,2-Dichloroethene	ND		2.5
cis-1,3-Dichloropropene	ND		5.0
Dibromomethane	ND		5.0
Ethylbenzene	ND		5.0
Iodomethane	ND		5.0
Methylene Chloride	ND		5.0
Styrene	ND		5.0
Tetrachloroethene	ND		5.0
Toluene	ND		5.0
trans-1,2-Dichloroethene	ND		2.5
trans-1,3-Dichloropropene	ND		5.0
trans-1,4-Dichloro-2-butene	ND		5.0
Trichloroethene	ND		5.0
Trichlorofluoromethane	ND		10
Vinyl acetate	ND		10

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154914

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 280-154914/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/07/2013 1839
 Prep Date: 01/07/2013 1600
 Leach Date: N/A

Analysis Batch: 280-154904
 Prep Batch: 280-154914
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: VMS_G2
 Lab File ID: g2_4232.D
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Vinyl chloride	ND		5.0
Xylenes, Total	ND		2.5

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	58 - 140
4-Bromofluorobenzene (Surr)	106	76 - 127
Dibromofluoromethane (Surr)	95	75 - 121
Toluene-d8 (Surr)	104	80 - 126

Lab Control Sample - Batch: 280-154914

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: LCS 280-154914/2-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/07/2013 1820
 Prep Date: 01/07/2013 1600
 Leach Date: N/A

Analysis Batch: 280-154904
 Prep Batch: 280-154914
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: VMS_G2
 Lab File ID: g2_4231.D
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	54.9	110	70 - 135	
1,1-Dichloroethane	50.0	52.6	105	70 - 135	
1,1-Dichloroethene	50.0	59.3	119	79 - 135	
1,2-Dichloropropane	50.0	52.7	105	72 - 121	
1,4-Dichlorobenzene	50.0	54.5	109	73 - 135	
Benzene	50.0	51.3	103	75 - 135	
Bromodichloromethane	50.0	57.3	115	73 - 135	
Carbon tetrachloride	50.0	55.8	112	69 - 138	
Chlorobenzene	50.0	52.4	105	78 - 135	
Chloroform	50.0	53.4	107	73 - 123	
Ethylbenzene	50.0	52.9	106	73 - 125	
Methylene Chloride	50.0	50.6	101	76 - 136	
Tetrachloroethene	50.0	51.0	102	76 - 135	
Toluene	50.0	51.5	103	77 - 122	
trans-1,2-Dichloroethene	50.0	53.9	108	77 - 135	
Trichloroethene	50.0	51.3	103	77 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	58 - 140
4-Bromofluorobenzene (Surr)	106	76 - 127
Dibromofluoromethane (Surr)	96	75 - 121
Toluene-d8 (Surr)	100	80 - 126

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154914**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-37486-2
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 01/07/2013 2311
Prep Date: 01/07/2013 1600
Leach Date: N/A

Analysis Batch: 280-154904
Prep Batch: 280-154914
Leach Batch: N/A

Instrument ID: VMS_G2
Lab File ID: g2_4246.D
Initial Weight/Volume: 5.177 g
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 280-37486-2
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 01/07/2013 2331
Prep Date: 01/07/2013 1600
Leach Date: N/A

Analysis Batch: 280-154904
Prep Batch: 280-154914
Leach Batch: N/A

Instrument ID: VMS_G2
Lab File ID: g2_4247.D
Initial Weight/Volume: 5.137 g
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	95	98	70 - 135	4	20		
1,1-Dichloroethane	96	98	70 - 135	3	20		
1,1-Dichloroethene	107	108	79 - 135	1	20		
1,2-Dichloropropane	90	92	72 - 121	3	20		
1,4-Dichlorobenzene	70	86	73 - 135	21	22	F	
Benzene	86	90	75 - 135	5	20		
Bromodichloromethane	94	96	73 - 135	3	20		
Carbon tetrachloride	93	95	69 - 138	4	20		
Chlorobenzene	81	89	78 - 135	10	20		
Chloroform	96	99	73 - 123	3	20		
Ethylbenzene	81	89	73 - 125	11	20		
Methylene Chloride	90	91	76 - 136	2	21		
Tetrachloroethene	81	87	76 - 135	8	20		
Toluene	78	83	77 - 122	6	20		
trans-1,2-Dichloroethene	93	93	77 - 135	1	20		
Trichloroethene	86	89	77 - 135	4	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	96		96		58 - 140		
4-Bromofluorobenzene (Surr)	130	X	146	X	76 - 127		
Dibromofluoromethane (Surr)	96		98		75 - 121		
Toluene-d8 (Surr)	108		112		80 - 126		

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154914**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-37486-2 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/07/2013 2311
 Prep Date: 01/07/2013 1600
 Leach Date: N/A

MSD Lab Sample ID: 280-37486-2
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/07/2013 2331
 Prep Date: 01/07/2013 1600
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1,1-Trichloroethane	ND	64.0	64.5	60.8	63.2
1,1-Dichloroethane	ND	64.0	64.5	61.7	63.5
1,1-Dichloroethene	ND	64.0	64.5	68.5	69.5
1,2-Dichloropropane	ND	64.0	64.5	57.9	59.5
1,4-Dichlorobenzene	ND	64.0	64.5	44.7 F	55.4
Benzene	ND	64.0	64.5	55.3	58.2
Bromodichloromethane	ND	64.0	64.5	60.3	62.1
Carbon tetrachloride	ND	64.0	64.5	59.2	61.5
Chlorobenzene	ND	64.0	64.5	52.0	57.5
Chloroform	ND	64.0	64.5	61.4	63.5
Ethylbenzene	ND	64.0	64.5	51.5	57.3
Methylene Chloride	ND	64.0	64.5	59.7	60.8
Tetrachloroethene	ND	64.0	64.5	52.0	56.1
Toluene	ND	64.0	64.5	50.2	53.3
trans-1,2-Dichloroethene	ND	64.0	64.5	59.6	60.1
Trichloroethene	ND	64.0	64.5	55.2	57.3

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154570

Lab Sample ID: MB 280-154570/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/04/2013 2257
 Prep Date: 01/04/2013 1340
 Leach Date: N/A

Analysis Batch: 280-154794
 Prep Batch: 280-154570
 Leach Batch: N/A
 Units: ug/L

**Method: 6010B
 Preparation: 3005A
 Total Recoverable**

Instrument ID: MT_025
 Lab File ID: 25B010413.asc
 Initial Weight/Volume: 50 mL
 Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Antimony	ND		10
Arsenic	ND		15
Barium	ND		10
Beryllium	ND		1.0
Cadmium	ND		5.0
Chromium	ND		10
Cobalt	ND		10
Copper	ND		15
Lead	ND		9.0
Nickel	ND		40
Selenium	ND		15
Silver	ND		10
Thallium	ND		15
Vanadium	ND		10
Zinc	ND		20

Lab Control Sample - Batch: 280-154570

Lab Sample ID: LCS 280-154570/2-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/04/2013 2259
 Prep Date: 01/04/2013 1340
 Leach Date: N/A

Analysis Batch: 280-154794
 Prep Batch: 280-154570
 Leach Batch: N/A
 Units: ug/L

**Method: 6010B
 Preparation: 3005A
 Total Recoverable**

Instrument ID: MT_025
 Lab File ID: 25B010413.asc
 Initial Weight/Volume: 50 mL
 Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	500	522	104	88 - 110	
Arsenic	1000	1010	101	88 - 110	
Barium	2000	2020	101	90 - 112	
Beryllium	50.0	49.5	99	89 - 113	
Cadmium	100	105	105	88 - 111	
Chromium	200	203	101	90 - 113	
Cobalt	500	499	100	89 - 111	
Copper	250	257	103	86 - 112	
Lead	500	510	102	89 - 110	
Nickel	500	497	99	89 - 111	
Selenium	2000	2040	102	85 - 112	
Silver	50.0	49.2	98	86 - 115	
Thallium	2000	2030	102	88 - 110	
Vanadium	500	512	102	90 - 111	
Zinc	500	509	102	85 - 111	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154570**

**Method: 6010B
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 280-37482-E-1-H MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/04/2013 2305
Prep Date: 01/04/2013 1340
Leach Date: N/A

Analysis Batch: 280-154794
Prep Batch: 280-154570
Leach Batch: N/A

Instrument ID: MT_025
Lab File ID: 25B010413.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 280-37482-E-1-I MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/04/2013 2307
Prep Date: 01/04/2013 1340
Leach Date: N/A

Analysis Batch: 280-154794
Prep Batch: 280-154570
Leach Batch: N/A

Instrument ID: MT_025
Lab File ID: 25B010413.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Antimony	104	104	81 - 124	0	20		
Arsenic	103	103	84 - 124	0	20		
Barium	101	101	85 - 120	0	20		
Beryllium	100	100	79 - 121	0	20		
Cadmium	104	105	82 - 119	0	20		
Chromium	101	101	73 - 135	0	20		
Cobalt	98	98	82 - 119	0	20		
Copper	102	101	82 - 129	0	20		
Lead	99	99	89 - 121	0	20		
Nickel	97	97	84 - 120	0	20		
Selenium	102	102	71 - 140	0	20		
Silver	97	96	75 - 141	1	20		
Thallium	96	96	90 - 116	0	20		
Vanadium	102	103	85 - 120	1	20		
Zinc	101	101	60 - 137	0	20		

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154570**

**Method: 6010B
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 280-37482-E-1-H MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/04/2013 2305
 Prep Date: 01/04/2013 1340
 Leach Date: N/A

MSD Lab Sample ID: 280-37482-E-1-I MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/04/2013 2307
 Prep Date: 01/04/2013 1340
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Antimony	ND	500	500	521	522
Arsenic	ND	1000	1000	1030	1030
Barium	200	2000	2000	2210	2220
Beryllium	ND	50.0	50.0	50.1	50.1
Cadmium	ND	100	100	104	105
Chromium	ND	200	200	202	203
Cobalt	ND	500	500	489	491
Copper	ND	250	250	256	255
Lead	ND	500	500	494	495
Nickel	ND	500	500	492	494
Selenium	ND	2000	2000	2040	2040
Silver	ND	50.0	50.0	48.6	48.1
Thallium	ND	2000	2000	1920	1920
Vanadium	ND	500	500	515	517
Zinc	ND	500	500	509	509

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154597

**Method: 6010B
Preparation: 3050B**

Lab Sample ID: MB 280-154597/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/04/2013 2213
 Prep Date: 01/04/2013 1340
 Leach Date: N/A

Analysis Batch: 280-154794
 Prep Batch: 280-154597
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: MT_025
 Lab File ID: 25B010413.asc
 Initial Weight/Volume: 1 g
 Final Weight/Volume: 100 mL

Analyte	Result	Qual	RL
Antimony	ND		1.5
Arsenic	ND		2.0
Barium	ND		1.0
Beryllium	ND		0.50
Cadmium	ND		0.50
Chromium	ND		1.5
Cobalt	ND		1.0
Copper	ND		2.0
Lead	ND		0.80
Nickel	ND		4.0
Selenium	ND		1.3
Silver	ND		1.0
Thallium	ND		1.2
Vanadium	ND		2.0
Zinc	ND		3.0

Lab Control Sample - Batch: 280-154597

**Method: 6010B
Preparation: 3050B**

Lab Sample ID: LCS 280-154597/2-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/04/2013 2216
 Prep Date: 01/04/2013 1340
 Leach Date: N/A

Analysis Batch: 280-154794
 Prep Batch: 280-154597
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: MT_025
 Lab File ID: 25B010413.asc
 Initial Weight/Volume: 1 g
 Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	50.0	100	82 - 110	
Arsenic	100	99.4	99	85 - 110	
Barium	200	201	100	87 - 112	
Beryllium	5.00	4.93	99	84 - 114	
Cadmium	10.0	10.2	102	87 - 110	
Chromium	20.0	20.0	100	84 - 114	
Cobalt	50.0	49.4	99	87 - 110	
Copper	25.0	25.2	101	88 - 110	
Lead	50.0	49.9	100	86 - 110	
Nickel	50.0	49.3	99	87 - 110	
Selenium	200	196	98	83 - 110	
Silver	5.00	4.86	97	87 - 114	
Thallium	200	200	100	84 - 110	
Vanadium	50.0	50.1	100	88 - 110	
Zinc	50.0	49.6	99	76 - 114	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154597**

**Method: 6010B
Preparation: 3050B**

MS Lab Sample ID: 280-37486-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 01/04/2013 2222
Prep Date: 01/04/2013 1340
Leach Date: N/A

Analysis Batch: 280-154794
Prep Batch: 280-154597
Leach Batch: N/A

Instrument ID: MT_025
Lab File ID: 25B010413.asc
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 100 mL

MSD Lab Sample ID: 280-37486-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 01/04/2013 2224
Prep Date: 01/04/2013 1340
Leach Date: N/A

Analysis Batch: 280-154794
Prep Batch: 280-154597
Leach Batch: N/A

Instrument ID: MT_025
Lab File ID: 25B010413.asc
Initial Weight/Volume: 1.07 g
Final Weight/Volume: 100 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Antimony	34	30	20 - 200	16	20		
Arsenic	83	81	76 - 111	8	20		
Barium	96	91	52 - 159	8	20		
Beryllium	84	83	72 - 105	8	20		
Cadmium	89	87	40 - 130	8	20		
Chromium	89	85	70 - 200	6	20		
Cobalt	85	83	72 - 106	7	20		
Copper	94	92	37 - 187	6	20		
Lead	86	85	70 - 200	7	20		
Nickel	86	83	61 - 126	8	20		
Selenium	83	81	76 - 104	8	20		
Silver	81	80	75 - 141	7	20		
Thallium	82	80	78 - 101	8	20		
Vanadium	91	89	50 - 169	6	20		
Zinc	95	106	70 - 200	2	20		

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154597**

**Method: 6010B
Preparation: 3050B**

MS Lab Sample ID: 280-37486-1 Units: mg/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 01/04/2013 2222
Prep Date: 01/04/2013 1340
Leach Date: N/A

MSD Lab Sample ID: 280-37486-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 01/04/2013 2224
Prep Date: 01/04/2013 1340
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Antimony	ND	57.7	54.5	19.5	16.5
Arsenic	ND	115	109	97.4	90.3
Barium	77	231	218	298	274
Beryllium	ND	5.77	5.45	4.98	4.62
Cadmium	ND	11.5	10.9	10.3	9.53
Chromium	13	23.1	21.8	33.1	31.2
Cobalt	5.5	57.7	54.5	54.6	50.7
Copper	3.9	28.8	27.2	30.9	29.0
Lead	5.8	57.7	54.5	55.6	51.9
Nickel	6.5	57.7	54.5	56.1	51.8
Selenium	ND	231	218	191	177
Silver	ND	5.77	5.45	4.67	4.33
Thallium	ND	231	218	189	175
Vanadium	22	57.7	54.5	74.3	70.1
Zinc	76	57.7	54.5	130	133

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154655

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 280-154655/7	Analysis Batch:	280-154655	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	116.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1209	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL
Nitrate as N	ND		0.50

Method Reporting Limit Check - Batch: 280-154655

Method: 300.0
Preparation: N/A

Lab Sample ID:	MRL 280-154655/3	Analysis Batch:	280-154655	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	112.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1018	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate as N	0.500	ND	95	50 - 150	

Method Reporting Limit Check - Batch: 280-154655

Method: 300.0
Preparation: N/A

Lab Sample ID:	MRL 280-154655/4	Analysis Batch:	280-154655	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	113.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1035	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate as N	0.200	ND	106	50 - 150	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-154655**

**Method: 300.0
Preparation: N/A**

LCS Lab Sample ID:	LCS 280-154655/5	Analysis Batch:	280-154655	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	114.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1053	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-154655/6	Analysis Batch:	280-154655	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	115.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1152	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Nitrate as N	94	96	90 - 110	3	10		

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-154655**

**Method: 300.0
Preparation: N/A**

LCS Lab Sample ID:	LCS 280-154655/5	Units:	mg/L	LCSD Lab Sample ID:	LCSD 280-154655/6
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/03/2013 1053			Analysis Date:	01/03/2013 1152
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Nitrate as N	5.00	5.00	4.69	4.81

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154655**

**Method: 300.0
Preparation: N/A**

MS Lab Sample ID:	280-37486-6	Analysis Batch:	280-154655	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	118.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1326			Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	280-37486-6	Analysis Batch:	280-154655	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	119.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1343			Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate as N	102	105	80 - 120	3	20		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154655**

**Method: 300.0
Preparation: N/A**

MS Lab Sample ID:	280-37486-6	Units:	mg/L	MSD Lab Sample ID:	280-37486-6
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/03/2013 1326			Analysis Date:	01/03/2013 1343
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitrate as N	ND	5.00	5.00	5.26	5.43

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154656

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 280-154656/7	Analysis Batch:	280-154656	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	116.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1209	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL
Sulfate	ND		5.0

Method Reporting Limit Check - Batch: 280-154656

Method: 300.0
Preparation: N/A

Lab Sample ID:	MRL 280-154656/4	Analysis Batch:	280-154656	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	113.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1035	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	1.00	ND	51	50 - 150	

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-154656**

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 280-154656/5	Analysis Batch:	280-154656	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	114.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1053	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-154656/6	Analysis Batch:	280-154656	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	115.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 1152	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Sulfate	91	94	90 - 110	3	10		

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-154656**

**Method: 300.0
Preparation: N/A**

LCS Lab Sample ID: LCS 280-154656/5 Units: mg/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/03/2013 1053
 Prep Date: N/A
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-154656/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/03/2013 1152
 Prep Date: N/A
 Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Sulfate	25.0	25.0	22.6	23.4

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154656**

**Method: 300.0
Preparation: N/A**

MS Lab Sample ID: 280-37486-6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/03/2013 1326
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 280-154656
 Prep Batch: N/A
 Leach Batch: N/A

Instrument ID: WC_IC6
 Lab File ID: 118.TXT
 Initial Weight/Volume:
 Final Weight/Volume: 5 mL

MSD Lab Sample ID: 280-37486-6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/03/2013 1343
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 280-154656
 Prep Batch: N/A
 Leach Batch: N/A

Instrument ID: WC_IC6
 Lab File ID: 119.TXT
 Initial Weight/Volume:
 Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sulfate	102	105	80 - 120	3	20		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154656**

**Method: 300.0
Preparation: N/A**

MS Lab Sample ID: 280-37486-6 Units: mg/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/03/2013 1326
 Prep Date: N/A
 Leach Date: N/A

MSD Lab Sample ID: 280-37486-6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/03/2013 1343
 Prep Date: N/A
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Sulfate	ND	25.0	25.0	25.6	26.4

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Duplicate - Batch: 280-154656

**Method: 300.0
Preparation: N/A**

Lab Sample ID:	280-37486-6	Analysis Batch:	280-154656	Instrument ID:	WC_IC6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	141.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/03/2013 2021	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfate	ND	ND	NC	15	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154829

Lab Sample ID: MB 280-154829/5-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/07/2013 1418
 Prep Date: 01/07/2013 1029
 Leach Date: N/A

Analysis Batch: 280-154887
 Prep Batch: 280-154829
 Leach Batch: N/A
 Units: mg/L

Method: 365.1

Preparation: 365.2/365.3/365

Instrument ID: WC_Konelab
 Lab File ID: 010713tphos.xls
 Initial Weight/Volume: 50.0 mL
 Final Weight/Volume: 50.0 mL

Analyte	Result	Qual	RL
Phosphorus, Total	ND		0.050

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 280-154829

Method: 365.1

Preparation: 365.2/365.3/365

LCS Lab Sample ID: LCS 280-154829/3-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/07/2013 1418
 Prep Date: 01/07/2013 1029
 Leach Date: N/A

Analysis Batch: 280-154887
 Prep Batch: 280-154829
 Leach Batch: N/A
 Units: mg/L

Instrument ID: WC_Konelab
 Lab File ID: 010713tphos.xls
 Initial Weight/Volume: 50.0 mL
 Final Weight/Volume: 50.0 mL

LCSD Lab Sample ID: LCSD 280-154829/4-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/07/2013 1418
 Prep Date: 01/07/2013 1029
 Leach Date: N/A

Analysis Batch: 280-154887
 Prep Batch: 280-154829
 Leach Batch: N/A
 Units: mg/L

Instrument ID: WC_Konelab
 Lab File ID: 010713tphos.xls
 Initial Weight/Volume: 50.0 mL
 Final Weight/Volume: 50.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Phosphorus, Total	100	99	90 - 110	2	10		

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 280-154829

Method: 365.1

Preparation: 365.2/365.3/365

LCS Lab Sample ID: LCS 280-154829/3-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/07/2013 1418
 Prep Date: 01/07/2013 1029
 Leach Date: N/A

Units: mg/L

LCSD Lab Sample ID: LCSD 280-154829/4-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 01/07/2013 1418
 Prep Date: 01/07/2013 1029
 Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Phosphorus, Total	0.500	0.500	0.501	0.494

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154829**

**Method: 365.1
Preparation: 365.2/365.3/365**

MS Lab Sample ID: 280-37450-D-2-B MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/07/2013 1418
Prep Date: 01/07/2013 1029
Leach Date: N/A

Analysis Batch: 280-154887
Prep Batch: 280-154829
Leach Batch: N/A

Instrument ID: WC_Konelab
Lab File ID: 010713tphos.xls
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

MSD Lab Sample ID: 280-37450-D-2-C MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/07/2013 1421
Prep Date: 01/07/2013 1029
Leach Date: N/A

Analysis Batch: 280-154887
Prep Batch: 280-154829
Leach Batch: N/A

Instrument ID: WC_Konelab
Lab File ID: 010713tphos.xls
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phosphorus, Total	81	89	90 - 110	8	10	F	F

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154829**

**Method: 365.1
Preparation: 365.2/365.3/365**

MS Lab Sample ID: 280-37450-D-2-B MS Units: mg/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/07/2013 1418
Prep Date: 01/07/2013 1029
Leach Date: N/A

MSD Lab Sample ID: 280-37450-D-2-C MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 01/07/2013 1421
Prep Date: 01/07/2013 1029
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Phosphorus, Total	0.058	0.500	0.500	0.461 F	0.501 F

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-154958

Lab Sample ID: MB 280-154958/5-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/08/2013 1411
 Prep Date: 01/08/2013 0938
 Leach Date: N/A

Analysis Batch: 280-155045
 Prep Batch: 280-154958
 Leach Batch: N/A
 Units: mg/Kg

Method: 365.1

Preparation: 365.2/365.3/365

Instrument ID: WC_Konelab
 Lab File ID: 010813tphos.xls
 Initial Weight/Volume: 1.0 g
 Final Weight/Volume: 50.0 mL

Analyte	Result	Qual	RL
Phosphorus, Total	ND		5.0

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 280-154958

Method: 365.1

Preparation: 365.2/365.3/365

LCS Lab Sample ID: LCS 280-154958/3-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/08/2013 1411
 Prep Date: 01/08/2013 0938
 Leach Date: N/A

Analysis Batch: 280-155045
 Prep Batch: 280-154958
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: WC_Konelab
 Lab File ID: 010813tphos.xls
 Initial Weight/Volume: 1.0 g
 Final Weight/Volume: 50.0 mL

LCSD Lab Sample ID: LCSD 280-154958/4-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/08/2013 1448
 Prep Date: 01/08/2013 0938
 Leach Date: N/A

Analysis Batch: 280-155045
 Prep Batch: 280-154958
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: WC_Konelab
 Lab File ID: 010813tphos.xls
 Initial Weight/Volume: 1.0 g
 Final Weight/Volume: 50.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Phosphorus, Total	97	100	90 - 110	3	20		

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 280-154958

Method: 365.1

Preparation: 365.2/365.3/365

LCS Lab Sample ID: LCS 280-154958/3-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/08/2013 1411
 Prep Date: 01/08/2013 0938
 Leach Date: N/A

Units: mg/Kg

LCSD Lab Sample ID: LCSD 280-154958/4-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/08/2013 1448
 Prep Date: 01/08/2013 0938
 Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Phosphorus, Total	25.0	25.0	24.3	25.1

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154958**

**Method: 365.1
Preparation: 365.2/365.3/365**

MS Lab Sample ID: 280-37486-8	Analysis Batch: 280-155045	Instrument ID: WC_Konelab
Client Matrix: Solid	Prep Batch: 280-154958	Lab File ID: 010813tphos.xls
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 1.0 g
Analysis Date: 01/08/2013 1543		Final Weight/Volume: 50.0 mL
Prep Date: 01/08/2013 0938		
Leach Date: N/A		

MSD Lab Sample ID: 280-37486-8	Analysis Batch: 280-155045	Instrument ID: WC_Konelab
Client Matrix: Solid	Prep Batch: 280-154958	Lab File ID: 010813tphos.xls
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 1.0 g
Analysis Date: 01/08/2013 1543		Final Weight/Volume: 50.0 mL
Prep Date: 01/08/2013 0938		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phosphorus, Total	-82	62	90 - 110	15	20	4	4

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-154958**

**Method: 365.1
Preparation: 365.2/365.3/365**

MS Lab Sample ID: 280-37486-8	Units: mg/Kg	MSD Lab Sample ID: 280-37486-8
Client Matrix: Solid		Client Matrix: Solid
Dilution: 10		Dilution: 10
Analysis Date: 01/08/2013 1543		Analysis Date: 01/08/2013 1543
Prep Date: 01/08/2013 0938		Prep Date: 01/08/2013 0938
Leach Date: N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Phosphorus, Total	280	28.8	28.8	253 4	295 4

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-155378

Method: 9056
Preparation: N/A

Lab Sample ID:	MB 280-155193/3-A	Analysis Batch:	280-155378	Instrument ID:	WC_IC6
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	143.TXT
Dilution:	1.0	Leach Batch:	280-155193	Initial Weight/Volume:	
Analysis Date:	01/09/2013 2017	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	01/09/2013 1511				

Analyte	Result	Qual	RL
Nitrate as N-Soluble	ND		5.0

Method Reporting Limit Check - Batch: 280-155378

Method: 9056
Preparation: N/A

Lab Sample ID:	MRL 280-155378/4	Analysis Batch:	280-155378	Instrument ID:	WC_IC6
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	113.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/09/2013 1028	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate as N-Soluble	0.200	ND	109	50 - 150	

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 280-155378

Method: 9056
Preparation: N/A

LCS Lab Sample ID:	LCS 280-155193/1-A	Analysis Batch:	280-155378	Instrument ID:	WC_IC6
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	141.TXT
Dilution:	1.0	Leach Batch:	280-155193	Initial Weight/Volume:	
Analysis Date:	01/09/2013 1942	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	01/09/2013 1511				

LCSD Lab Sample ID:	LCSD 280-155193/2-A	Analysis Batch:	280-155378	Instrument ID:	WC_IC6
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	142.TXT
Dilution:	1.0	Leach Batch:	280-155193	Initial Weight/Volume:	
Analysis Date:	01/09/2013 1959	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	01/09/2013 1511				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Nitrate as N-Soluble	101	102	90 - 110	0	10		

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-155378**

**Method: 9056
Preparation: N/A**

LCS Lab Sample ID: LCS 280-155193/1-A Units: mg/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 1942
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

LCSD Lab Sample ID: LCSD 280-155193/2-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 1959
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Nitrate as N-Soluble	50.0	50.0	50.7	50.8

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-155378**

**Method: 9056
Preparation: N/A**

MS Lab Sample ID: 280-37486-2
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 2126
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

Analysis Batch: 280-155378
 Prep Batch: N/A
 Leach Batch: 280-155193

Instrument ID: WC_IC6
 Lab File ID: 147.TXT
 Initial Weight/Volume:
 Final Weight/Volume:

MSD Lab Sample ID: 280-37486-2
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 2143
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

Analysis Batch: 280-155378
 Prep Batch: N/A
 Leach Batch: 280-155193

Instrument ID: WC_IC6
 Lab File ID: 148.TXT
 Initial Weight/Volume:
 Final Weight/Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate as N-Soluble	99	99	80 - 120	0	20		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-155378**

**Method: 9056
Preparation: N/A**

MS Lab Sample ID: 280-37486-2 Units: mg/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 2126
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

MSD Lab Sample ID: 280-37486-2
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 2143
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitrate as N-Soluble	11	66.3	66.3	76.4	76.5

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Duplicate - Batch: 280-155378

Method: 9056
Preparation: N/A

Lab Sample ID:	280-37486-2	Analysis Batch:	280-155378	Instrument ID:	WC_IC6
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146.TXT
Dilution:	1.0	Leach Batch:	280-155193	Initial Weight/Volume:	
Analysis Date:	01/09/2013 2109	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	01/09/2013 1511				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Nitrate as N-Soluble	11	11.2	0.6	15	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Method Blank - Batch: 280-155379

**Method: 9056
Preparation: N/A**

Lab Sample ID:	MB 280-155193/3-A	Analysis Batch:	280-155379	Instrument ID:	WC_IC6
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	143.TXT
Dilution:	1.0	Leach Batch:	280-155193	Initial Weight/Volume:	
Analysis Date:	01/09/2013 2017	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	01/09/2013 1511				

Analyte	Result	Qual	RL
Sulfate-Soluble	ND		50

Method Reporting Limit Check - Batch: 280-155379

**Method: 9056
Preparation: N/A**

Lab Sample ID:	MRL 280-155379/4	Analysis Batch:	280-155379	Instrument ID:	WC_IC6
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	113.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/09/2013 1028	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate-Soluble	1.00	ND	93	50 - 150	

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-155379**

**Method: 9056
Preparation: N/A**

LCS Lab Sample ID:	LCS 280-155193/1-A	Analysis Batch:	280-155379	Instrument ID:	WC_IC6
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	141.TXT
Dilution:	1.0	Leach Batch:	280-155193	Initial Weight/Volume:	
Analysis Date:	01/09/2013 1942	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	01/09/2013 1511				

LCSD Lab Sample ID:	LCSD 280-155193/2-A	Analysis Batch:	280-155379	Instrument ID:	WC_IC6
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	142.TXT
Dilution:	1.0	Leach Batch:	280-155193	Initial Weight/Volume:	
Analysis Date:	01/09/2013 1959	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	01/09/2013 1511				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Sulfate-Soluble	99	100	90 - 110	1	10		

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-155379**

**Method: 9056
Preparation: N/A**

LCS Lab Sample ID: LCS 280-155193/1-A Units: mg/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 1942
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

LCSD Lab Sample ID: LCSD 280-155193/2-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 1959
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Sulfate-Soluble	250	250	248	250

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-155379**

**Method: 9056
Preparation: N/A**

MS Lab Sample ID: 280-37486-2
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 2126
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

Analysis Batch: 280-155379
 Prep Batch: N/A
 Leach Batch: 280-155193

Instrument ID: WC_IC6
 Lab File ID: 147.TXT
 Initial Weight/Volume:
 Final Weight/Volume:

MSD Lab Sample ID: 280-37486-2
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 2143
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

Analysis Batch: 280-155379
 Prep Batch: N/A
 Leach Batch: 280-155193

Instrument ID: WC_IC6
 Lab File ID: 148.TXT
 Initial Weight/Volume:
 Final Weight/Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sulfate-Soluble	97	98	80 - 120	1	20		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-155379**

**Method: 9056
Preparation: N/A**

MS Lab Sample ID: 280-37486-2 Units: mg/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 2126
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

MSD Lab Sample ID: 280-37486-2
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 01/09/2013 2143
 Prep Date: N/A
 Leach Date: 01/09/2013 1511

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Sulfate-Soluble	92	331	331	413	416

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Duplicate - Batch: 280-155379

**Method: 9056
Preparation: N/A**

Lab Sample ID:	280-37486-2	Analysis Batch:	280-155379	Instrument ID:	WC_IC6
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146.TXT
Dilution:	1.0	Leach Batch:	280-155193	Initial Weight/Volume:	
Analysis Date:	01/09/2013 2109	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	01/09/2013 1511				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfate-Soluble	92	92.7	0.2	15	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Duplicate - Batch: 280-154606

**Method: Moisture
Preparation: N/A**

Lab Sample ID:	280-37486-1	Analysis Batch:	280-154606	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/04/2013 0823	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	14	13	8	20	

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Laboratory Chronicle

Lab ID: 280-37486-1

Client ID: SS-1

Sample Date/Time: 01/02/2013 11:45

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-1-A		280-154589	280-154632	01/04/2013 06:00	1	TAL DEN	AD
A:8260B	280-37486-C-1-A		280-154589	280-154632	01/04/2013 09:52	1	TAL DEN	AD
P:3050B	280-37486-A-1-A		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37486-A-1-A		280-154794	280-154597	01/04/2013 22:18	1	TAL DEN	HEB
P:365.2/365.3/365	280-37486-A-1-D		280-155045	280-154958	01/08/2013 09:38	2	TAL DEN	SJS
A:365.1	280-37486-A-1-D		280-155045	280-154958	01/08/2013 14:48	2	TAL DEN	SJS
A:9056	280-37486-A-1-E		280-155378		01/09/2013 20:34	1	TAL DEN	TLP
A:9056	280-37486-A-1-E		280-155379		01/09/2013 20:34	1	TAL DEN	TLP
A:Moisture	280-37486-B-1		280-154606		01/04/2013 08:23	1	TAL DEN	AFB

Lab ID: 280-37486-1 MS

Client ID: SS-1

Sample Date/Time: 01/02/2013 11:45

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	280-37486-A-1-B MS		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37486-A-1-B MS		280-154794	280-154597	01/04/2013 22:22	1	TAL DEN	HEB

Lab ID: 280-37486-1 MSD

Client ID: SS-1

Sample Date/Time: 01/02/2013 11:45

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	280-37486-A-1-C MSD		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37486-A-1-C MSD		280-154794	280-154597	01/04/2013 22:24	1	TAL DEN	HEB

Lab ID: 280-37486-1 DU

Client ID: SS-1

Sample Date/Time: 01/02/2013 11:45

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	280-37486-B-1 DU		280-154606		01/04/2013 08:23	1	TAL DEN	AFB

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Laboratory Chronicle

Lab ID: 280-37486-2

Client ID: SS-2C

Sample Date/Time: 01/02/2013 12:32

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-2-B		280-154904	280-154914	01/07/2013 16:00	1	TAL DEN	LMH
A:8260B	280-37486-C-2-B		280-154904	280-154914	01/07/2013 22:52	1	TAL DEN	LMH
P:3050B	280-37486-A-2-A		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37486-A-2-A		280-154794	280-154597	01/04/2013 22:35	1	TAL DEN	HEB
P:365.2/365.3/365	280-37486-A-2-B		280-155045	280-154958	01/08/2013 09:38	10	TAL DEN	SJS
A:365.1	280-37486-A-2-B		280-155045	280-154958	01/08/2013 14:48	10	TAL DEN	SJS
A:9056	280-37486-A-2-C		280-155378		01/09/2013 20:51	1	TAL DEN	TLP
A:9056	280-37486-A-2-C		280-155379		01/09/2013 20:51	1	TAL DEN	TLP
A:Moisture	280-37486-B-2		280-154606		01/04/2013 08:23	1	TAL DEN	AFB

Lab ID: 280-37486-2 MS

Client ID: SS-2C

Sample Date/Time: 01/02/2013 12:32

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-2-C MS		280-154904	280-154914	01/07/2013 16:00	1	TAL DEN	LMH
A:8260B	280-37486-C-2-C MS		280-154904	280-154914	01/07/2013 23:11	1	TAL DEN	LMH
A:9056	280-37486-A-2-E MS		280-155378		01/09/2013 21:26	1	TAL DEN	TLP
A:9056	280-37486-A-2-E MS		280-155379		01/09/2013 21:26	1	TAL DEN	TLP

Lab ID: 280-37486-2 MSD

Client ID: SS-2C

Sample Date/Time: 01/02/2013 12:32

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-2-D MSD		280-154904	280-154914	01/07/2013 16:00	1	TAL DEN	LMH
A:8260B	280-37486-C-2-D MSD		280-154904	280-154914	01/07/2013 23:31	1	TAL DEN	LMH
A:9056	280-37486-A-2-F MSD		280-155378		01/09/2013 21:43	1	TAL DEN	TLP
A:9056	280-37486-A-2-F MSD		280-155379		01/09/2013 21:43	1	TAL DEN	TLP

Lab ID: 280-37486-2 DU

Client ID: SS-2C

Sample Date/Time: 01/02/2013 12:32

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9056	280-37486-A-2-D DU		280-155378		01/09/2013 21:09	1	TAL DEN	TLP
A:9056	280-37486-A-2-D DU		280-155379		01/09/2013 21:09	1	TAL DEN	TLP

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Laboratory Chronicle

Lab ID: 280-37486-3

Client ID: SS-3C

Sample Date/Time: 01/02/2013 13:25

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-3-A		280-154589	280-154632	01/04/2013 06:00	1	TAL DEN	AD
A:8260B	280-37486-C-3-A		280-154589	280-154632	01/04/2013 10:30	1	TAL DEN	AD
P:3050B	280-37486-A-3-A		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37486-A-3-A		280-154794	280-154597	01/04/2013 22:37	1	TAL DEN	HEB
P:365.2/365.3/365	280-37486-A-3-B		280-155045	280-154958	01/08/2013 09:38	5	TAL DEN	SJS
A:365.1	280-37486-A-3-B		280-155045	280-154958	01/08/2013 14:48	5	TAL DEN	SJS
A:9056	280-37486-A-3-C		280-155378		01/09/2013 22:00	1	TAL DEN	TLP
A:9056	280-37486-A-3-C		280-155379		01/09/2013 22:00	1	TAL DEN	TLP
A:Moisture	280-37486-B-3		280-154606		01/04/2013 08:23	1	TAL DEN	AFB

Lab ID: 280-37486-3 MS

Client ID: SS-3C

Sample Date/Time: 01/02/2013 13:25

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-3-B MS		280-154589	280-154632	01/04/2013 06:00	1	TAL DEN	AD
A:8260B	280-37486-C-3-B MS		280-154589	280-154632	01/04/2013 10:49	1	TAL DEN	AD

Lab ID: 280-37486-3 MSD

Client ID: SS-3C

Sample Date/Time: 01/02/2013 13:25

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-3-C MSD		280-154589	280-154632	01/04/2013 06:00	1	TAL DEN	AD
A:8260B	280-37486-C-3-C MSD		280-154589	280-154632	01/04/2013 11:08	1	TAL DEN	AD

Lab ID: 280-37486-4

Client ID: SS-3B

Sample Date/Time: 01/02/2013 13:55

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-4-A		280-154589	280-154632	01/04/2013 06:00	1	TAL DEN	AD
A:8260B	280-37486-C-4-A		280-154589	280-154632	01/04/2013 11:27	1	TAL DEN	AD
P:3050B	280-37486-A-4-A		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37486-A-4-A		280-154794	280-154597	01/04/2013 22:39	1	TAL DEN	HEB
P:365.2/365.3/365	280-37486-A-4-B		280-155045	280-154958	01/08/2013 09:38	5	TAL DEN	SJS
A:365.1	280-37486-A-4-B		280-155045	280-154958	01/08/2013 14:48	5	TAL DEN	SJS
A:9056	280-37486-A-4-C		280-155378		01/09/2013 22:18	1	TAL DEN	TLP
A:9056	280-37486-A-4-C		280-155379		01/09/2013 22:18	1	TAL DEN	TLP
A:Moisture	280-37486-B-4		280-154606		01/04/2013 08:23	1	TAL DEN	AFB

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Laboratory Chronicle

Lab ID: 280-37486-5

Client ID: SS-3A

Sample Date/Time: 01/02/2013 14:50

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-5-A		280-154589	280-154632	01/04/2013 06:00	1	TAL DEN	AD
A:8260B	280-37486-C-5-A		280-154589	280-154632	01/04/2013 11:46	1	TAL DEN	AD
P:3050B	280-37486-A-5-A		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37486-A-5-A		280-154794	280-154597	01/04/2013 22:41	1	TAL DEN	HEB
P:365.2/365.3/365	280-37486-A-5-B		280-155045	280-154958	01/08/2013 09:38	5	TAL DEN	SJS
A:365.1	280-37486-A-5-B		280-155045	280-154958	01/08/2013 14:48	5	TAL DEN	SJS
A:9056	280-37486-A-5-C		280-155378		01/09/2013 23:10	1	TAL DEN	TLP
A:9056	280-37486-A-5-C		280-155379		01/09/2013 23:10	1	TAL DEN	TLP
A:Moisture	280-37486-B-5		280-154606		01/04/2013 08:23	1	TAL DEN	AFB

Lab ID: 280-37486-6

Client ID: RINSATE

Sample Date/Time: 01/02/2013 15:30

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-F-6		280-154588		01/04/2013 13:13	1	TAL DEN	DPI
A:8260B	280-37486-F-6		280-154588		01/04/2013 13:13	1	TAL DEN	DPI
P:3005A	280-37486-B-6-A		280-154794	280-154570	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37486-B-6-A		280-154794	280-154570	01/04/2013 23:33	1	TAL DEN	HEB
A:300.0	280-37486-A-6		280-154655		01/03/2013 13:08	1	TAL DEN	EK
A:300.0	280-37486-A-6		280-154656		01/03/2013 13:08	1	TAL DEN	EK
P:365.2/365.3/365	280-37486-C-6-A		280-154887	280-154829	01/07/2013 10:29	1	TAL DEN	SJS
A:365.1	280-37486-C-6-A		280-154887	280-154829	01/07/2013 14:21	1	TAL DEN	SJS

Lab ID: 280-37486-6 MS

Client ID: RINSATE

Sample Date/Time: 01/02/2013 15:30

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:300.0	280-37486-A-6 MS		280-154655		01/03/2013 13:26	1	TAL DEN	EK
A:300.0	280-37486-A-6 MS		280-154656		01/03/2013 13:26	1	TAL DEN	EK

Lab ID: 280-37486-6 MSD

Client ID: RINSATE

Sample Date/Time: 01/02/2013 15:30

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:300.0	280-37486-A-6 MSD		280-154655		01/03/2013 13:43	1	TAL DEN	EK
A:300.0	280-37486-A-6 MSD		280-154656		01/03/2013 13:43	1	TAL DEN	EK

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Laboratory Chronicle

Lab ID: 280-37486-6 DU

Client ID: RINSATE

Sample Date/Time: 01/02/2013 15:30 Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:300.0	280-37486-A-6 DU		280-154656		01/03/2013 20:21	1	TAL DEN	EK

Lab ID: 280-37486-7

Client ID: SS-2B

Sample Date/Time: 01/02/2013 16:00 Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-7-A		280-154589	280-154632	01/04/2013 06:00	1	TAL DEN	AD
A:8260B	280-37486-C-7-A		280-154589	280-154632	01/04/2013 12:05	1	TAL DEN	AD
P:3050B	280-37486-A-7-A		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37486-A-7-A		280-154794	280-154597	01/04/2013 22:43	1	TAL DEN	HEB
P:3050B	280-37486-A-7-A ^5		280-154929	280-154597	01/04/2013 13:40	5	TAL DEN	RC
A:6010B	280-37486-A-7-A ^5		280-154929	280-154597	01/07/2013 14:25	5	TAL DEN	JKH
P:365.2/365.3/365	280-37486-A-7-B		280-155045	280-154958	01/08/2013 09:38	10	TAL DEN	SJS
A:365.1	280-37486-A-7-B		280-155045	280-154958	01/08/2013 14:48	10	TAL DEN	SJS
A:9056	280-37486-A-7-C		280-155378		01/09/2013 23:27	1	TAL DEN	TLP
A:9056	280-37486-A-7-C		280-155379		01/09/2013 23:27	1	TAL DEN	TLP
A:Moisture	280-37486-A-7		280-154606		01/04/2013 08:23	1	TAL DEN	AFB

Lab ID: 280-37486-8

Client ID: SS-2A

Sample Date/Time: 01/02/2013 16:30 Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-C-8-A		280-154589	280-154632	01/04/2013 06:00	1	TAL DEN	AD
A:8260B	280-37486-C-8-A		280-154589	280-154632	01/04/2013 12:24	1	TAL DEN	AD
P:3050B	280-37486-A-8-A		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37486-A-8-A		280-154794	280-154597	01/04/2013 22:46	1	TAL DEN	HEB
P:365.2/365.3/365	280-37486-A-8-B		280-155045	280-154958	01/08/2013 09:38	10	TAL DEN	SJS
A:365.1	280-37486-A-8-B		280-155045	280-154958	01/08/2013 14:48	10	TAL DEN	SJS
A:9056	280-37486-A-8-E		280-155378		01/09/2013 23:44	1	TAL DEN	TLP
A:9056	280-37486-A-8-E		280-155379		01/09/2013 23:44	1	TAL DEN	TLP
A:Moisture	280-37486-B-8		280-154606		01/04/2013 08:23	1	TAL DEN	AFB

Lab ID: 280-37486-8 MS

Client ID: SS-2A

Sample Date/Time: 01/02/2013 16:30 Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:365.2/365.3/365	280-37486-A-8-C MS		280-155045	280-154958	01/08/2013 09:38	10	TAL DEN	SJS
A:365.1	280-37486-A-8-C MS		280-155045	280-154958	01/08/2013 15:43	10	TAL DEN	SJS

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Laboratory Chronicle

Lab ID: 280-37486-8 MSD

Client ID: SS-2A

Sample Date/Time: 01/02/2013 16:30

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:365.2/365.3/365	280-37486-A-8-D MSD		280-155045	280-154958	01/08/2013 09:38	10	TAL DEN	SJS
A:365.1	280-37486-A-8-D MSD		280-155045	280-154958	01/08/2013 15:43	10	TAL DEN	SJS

Lab ID: 280-37486-9

Client ID: TRIP BLANK

Sample Date/Time: 01/02/2013 15:30

Received Date/Time: 01/03/2013 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37486-A-9		280-154588		01/04/2013 13:35	1	TAL DEN	DPI
A:8260B	280-37486-A-9		280-154588		01/04/2013 13:35	1	TAL DEN	DPI

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 280-154588/5		280-154588		01/04/2013 07:53	1	TAL DEN	DPI
A:8260B	MB 280-154588/5		280-154588		01/04/2013 07:53	1	TAL DEN	DPI
P:5030B	MB 280-154632/1-A		280-154589	280-154632	01/04/2013 06:00	1	TAL DEN	AD
A:8260B	MB 280-154632/1-A		280-154589	280-154632	01/04/2013 09:00	1	TAL DEN	AD
P:5030B	MB 280-154914/1-A		280-154904	280-154914	01/07/2013 16:00	1	TAL DEN	LMH
A:8260B	MB 280-154914/1-A		280-154904	280-154914	01/07/2013 18:39	1	TAL DEN	LMH
P:3050B	MB 280-154597/1-A		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	MB 280-154597/1-A		280-154794	280-154597	01/04/2013 22:13	1	TAL DEN	HEB
P:3005A	MB 280-154570/1-A		280-154794	280-154570	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	MB 280-154570/1-A		280-154794	280-154570	01/04/2013 22:57	1	TAL DEN	HEB
A:300.0	MB 280-154655/7		280-154655		01/03/2013 12:09	1	TAL DEN	EK
A:300.0	MB 280-154656/7		280-154656		01/03/2013 12:09	1	TAL DEN	EK
P:365.2/365.3/365	MB 280-154829/5-A		280-154887	280-154829	01/07/2013 10:29	1	TAL DEN	SJS
A:365.1	MB 280-154829/5-A		280-154887	280-154829	01/07/2013 14:18	1	TAL DEN	SJS
P:365.2/365.3/365	MB 280-154958/5-A		280-155045	280-154958	01/08/2013 09:38	1	TAL DEN	SJS
A:365.1	MB 280-154958/5-A		280-155045	280-154958	01/08/2013 14:11	1	TAL DEN	SJS
A:9056	MB 280-155193/3-A		280-155378		01/09/2013 20:17	1	TAL DEN	TLP
A:9056	MB 280-155193/3-A		280-155379		01/09/2013 20:17	1	TAL DEN	TLP

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Laboratory Chronicle

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 280-154588/4		280-154588		01/04/2013 08:16	1	TAL DEN	DPI
A:8260B	LCS 280-154588/4		280-154588		01/04/2013 08:16	1	TAL DEN	DPI
P:5030B	LCS 280-154632/2-A		280-154589	280-154632	01/04/2013 06:00	1	TAL DEN	AD
A:8260B	LCS 280-154632/2-A		280-154589	280-154632	01/04/2013 09:20	1	TAL DEN	AD
P:5030B	LCS 280-154914/2-A		280-154904	280-154914	01/07/2013 16:00	1	TAL DEN	LMH
A:8260B	LCS 280-154914/2-A		280-154904	280-154914	01/07/2013 18:20	1	TAL DEN	LMH
P:3050B	LCS 280-154597/2-A		280-154794	280-154597	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	LCS 280-154597/2-A		280-154794	280-154597	01/04/2013 22:16	1	TAL DEN	HEB
P:3005A	LCS 280-154570/2-A		280-154794	280-154570	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	LCS 280-154570/2-A		280-154794	280-154570	01/04/2013 22:59	1	TAL DEN	HEB
A:300.0	LCS 280-154655/5		280-154655		01/03/2013 10:53	1	TAL DEN	EK
A:300.0	LCS 280-154656/5		280-154656		01/03/2013 10:53	1	TAL DEN	EK
P:365.2/365.3/365	LCS 280-154829/3-A		280-154887	280-154829	01/07/2013 10:29	1	TAL DEN	SJS
A:365.1	LCS 280-154829/3-A		280-154887	280-154829	01/07/2013 14:18	1	TAL DEN	SJS
P:365.2/365.3/365	LCS 280-154958/3-A		280-155045	280-154958	01/08/2013 09:38	1	TAL DEN	SJS
A:365.1	LCS 280-154958/3-A		280-155045	280-154958	01/08/2013 14:11	1	TAL DEN	SJS
A:9056	LCS 280-155193/1-A		280-155378		01/09/2013 19:42	1	TAL DEN	TLP
A:9056	LCS 280-155193/1-A		280-155379		01/09/2013 19:42	1	TAL DEN	TLP

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:300.0	LCSD 280-154655/6		280-154655		01/03/2013 11:52	1	TAL DEN	EK
A:300.0	LCSD 280-154656/6		280-154656		01/03/2013 11:52	1	TAL DEN	EK
P:365.2/365.3/365	LCSD 280-154829/4-A		280-154887	280-154829	01/07/2013 10:29	1	TAL DEN	SJS
A:365.1	LCSD 280-154829/4-A		280-154887	280-154829	01/07/2013 14:18	1	TAL DEN	SJS
P:365.2/365.3/365	LCSD 280-154958/4-A		280-155045	280-154958	01/08/2013 09:38	1	TAL DEN	SJS
A:365.1	LCSD 280-154958/4-A		280-155045	280-154958	01/08/2013 14:48	1	TAL DEN	SJS
A:9056	LCSD 280-155193/2-A		280-155378		01/09/2013 19:59	1	TAL DEN	TLP
A:9056	LCSD 280-155193/2-A		280-155379		01/09/2013 19:59	1	TAL DEN	TLP

Quality Control Results

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Laboratory Chronicle

Lab ID: MRL

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:300.0	MRL 280-154655/3		280-154655		01/03/2013 10:18	1	TAL DEN	EK
A:300.0	MRL 280-154655/4		280-154655		01/03/2013 10:35	1	TAL DEN	EK
A:300.0	MRL 280-154656/4		280-154656		01/03/2013 10:35	1	TAL DEN	EK
A:9056	MRL 280-155378/4		280-155378		01/09/2013 10:28	1	TAL DEN	TLP
A:9056	MRL 280-155379/4		280-155379		01/09/2013 10:28	1	TAL DEN	TLP

Lab ID: MS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37482-I-1 MS		280-154588		01/04/2013 09:31	1	TAL DEN	DPI
A:8260B	280-37482-I-1 MS		280-154588		01/04/2013 09:31	1	TAL DEN	DPI
P:3005A	280-37482-E-1-H MS		280-154794	280-154570	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37482-E-1-H MS		280-154794	280-154570	01/04/2013 23:05	1	TAL DEN	HEB
P:365.2/365.3/365	280-37450-D-2-B MS		280-154887	280-154829	01/07/2013 10:29	1	TAL DEN	SJS
A:365.1	280-37450-D-2-B MS		280-154887	280-154829	01/07/2013 14:18	1	TAL DEN	SJS

Lab ID: MSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-37482-I-1 MSD		280-154588		01/04/2013 09:53	1	TAL DEN	DPI
A:8260B	280-37482-I-1 MSD		280-154588		01/04/2013 09:53	1	TAL DEN	DPI
P:3005A	280-37482-E-1-I MSD		280-154794	280-154570	01/04/2013 13:40	1	TAL DEN	RC
A:6010B	280-37482-E-1-I MSD		280-154794	280-154570	01/04/2013 23:07	1	TAL DEN	HEB
P:365.2/365.3/365	280-37450-D-2-C MSD		280-154887	280-154829	01/07/2013 10:29	1	TAL DEN	SJS
A:365.1	280-37450-D-2-C MSD		280-154887	280-154829	01/07/2013 14:21	1	TAL DEN	SJS

Lab References:

TAL DEN = TestAmerica Denver

Login Sample Receipt Checklist

Client: Atlantic Coast Consulting, Inc.

Job Number: 280-37486-1

Login Number: 37486

List Source: TestAmerica Denver

List Number: 1

Creator: Wheeler, Virginia L

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	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	