



Envirosouth Technologies, Inc.

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
MAR 22 2010
SOUTHWEST DISTRICT
TAMPA

**ANNUAL MONITORING REPORT
DESOTO COUNTY LANDFILL
DESOTO COUNTY, FLORIDA
PERMIT No. 42079-008-SO/01**

PREPARED FOR:

**DESOTO COUNTY
3268 DISHONG ROAD
ARCADIA, FLORIDA**

February 15, 2010

PREPARED BY:

**ENVIROSOUTH TECHNOLOGIES, INC.
P.O. BOX 7681
LAKELAND, FLORIDA 33807-7681**

PROJECT NO. DCLF0101



Envirosouth Technologies, Inc.

Office: (863) 668-0414

Fax: (863) 668-0413

E-Mail: dmpoe@tampabay.rr.com

4330 Maine Avenue
Lakeland, FL 33801

February 15, 2010

Mr. Billy Hines, Manager
Environmental Services
Desoto County
3268 Dishong Road
Arcadia, FL 33821

**Dept. of Environmental
Protection**

MAR 22 2010

**Re: Annual Monitoring Report (2009)
Desoto County Class I Section 16 Landfill
3268 Dishong Road
Arcadia, Florida
FDEP Permit #42079-004-SO/01**

Southwest District

Dear Mr. Hines:

Envirosouth Technologies, Inc. (Ensouth) has performed the Annual Monitoring (2009) at the subject facility as required through the special conditions of FDEP Permit #42079-004-SO/01. The monitoring included the collection of soil gas-probe data, sampling of three compliance wells, sampling of 12 shallow monitoring wells, sampling of leachate, sampling of surface water and the collection of depth to water measurements in all wells (one measurement per well pair) and piezometers. Included in this report are Attachments as follows:

- **Attachment A** - Certificates of Laboratory Chemical Analyses
- **Attachment B** - Groundwater Elevation Data (Table 1, Figure 1).
- **Attachment C** - Landfill Gas Monitoring Data (Table 2).

Copies of the laboratory results in electronic format have been submitted directly to the Department as required.

-oOo-

Ensouth appreciates the opportunity to be of service to you on this project. Please contact our office at your earliest convenience if you have any questions or comments.

Sincerely,

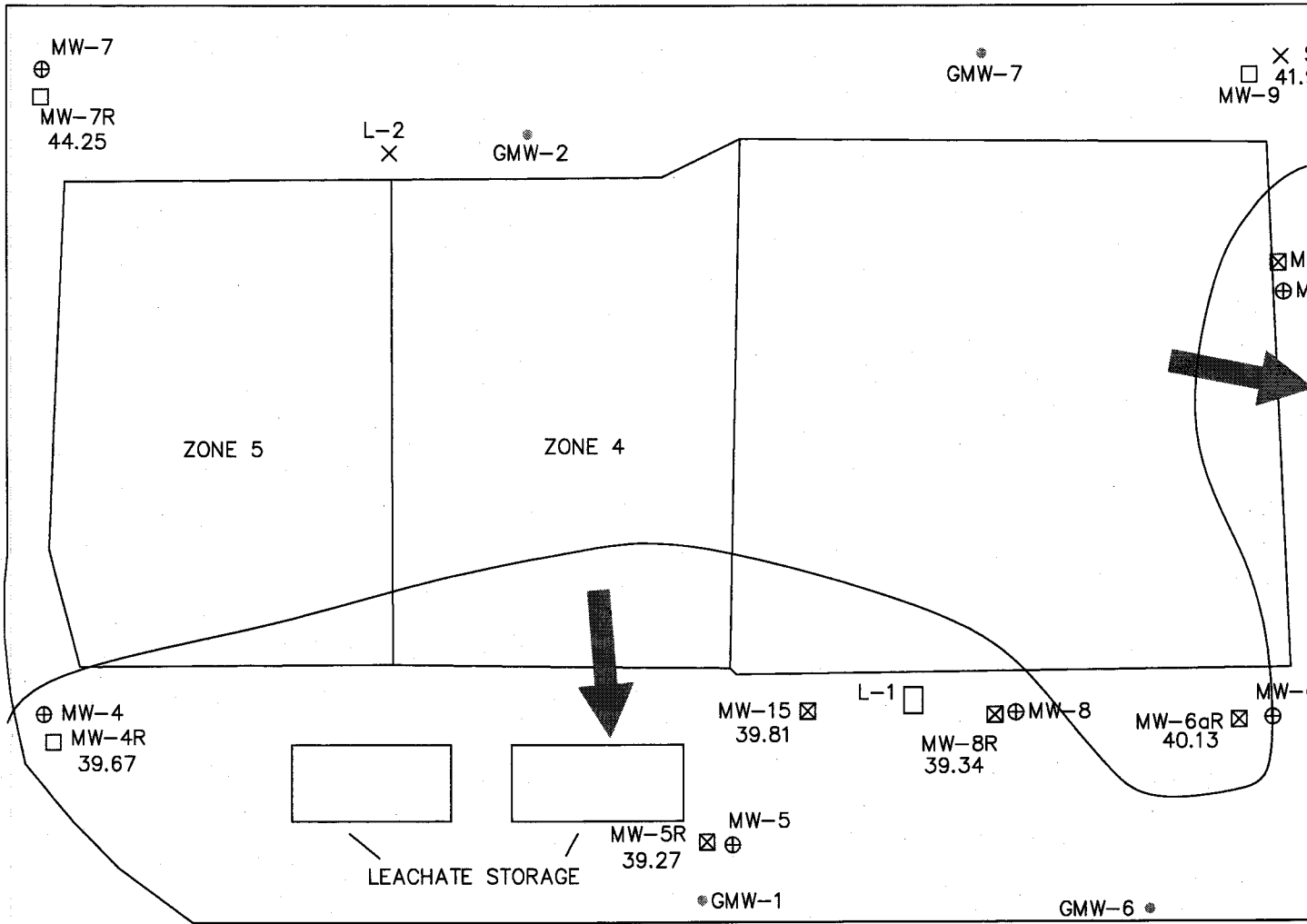
Envirosouth Technologies, Inc.

2-15-10

David M. Poe, P.G.
Project Coordinator

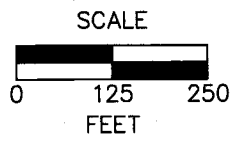
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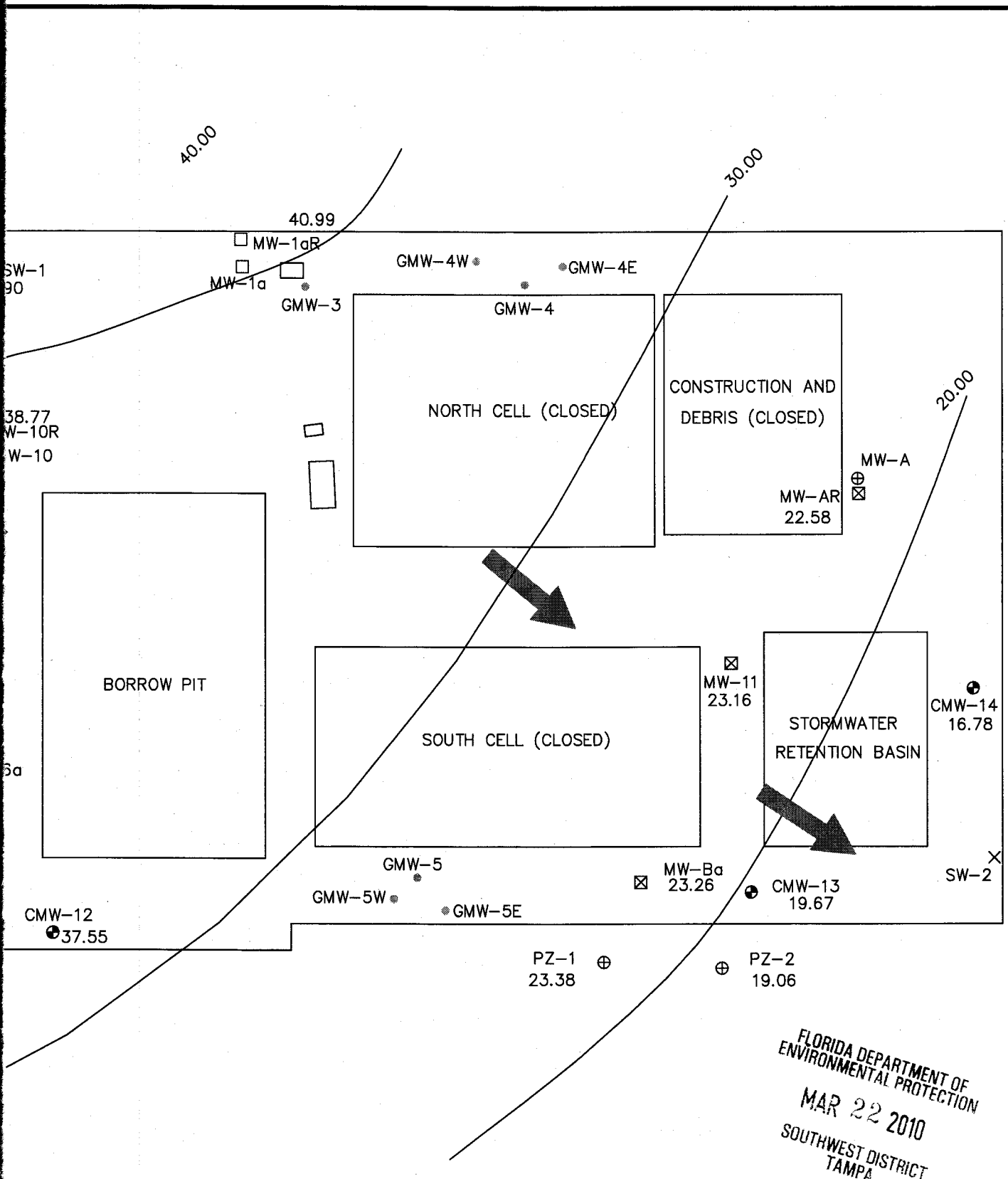
FIGURE



LEGEND

- COMPLIANCE WELL LOCATION
- ⊠ DETECTION WELL LOCATION
- BACKGROUND WELL LOCATION
- ⊕ PIEZOMETER LOCATION
- GAS MONITOR WELL LOCATION
- ➔ INFERRED GROUNDWATER FLOW DIRECTION





DESOTO COUNTY LANDFILL
ARCADIA, FLORIDA

GROUNDWATER ELEVATION
CONTOURS (12/14/09)

ENVIROSOUTH TECHNOLOGIES, INC.

Drafted: 1/10/10
Revised:

PROJECT No.: DCLF0101

FIGURE 1

ATTACHMENTS

ATTACHMENT A

**Certificates of Laboratory Chemical Analyses
And
Groundwater Sampling Documentation**

Florida Department of Environmental Protection

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

DEP Form # 62-522.900(2)

Form Title Ground Water Monitoring Report

Effective Date _____

DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name Desoto County Landfill
Address 3268 SW Dishong Road
City Arcadia Zip 34266
Telephone Number (863) 993-4826
- (2) The GMS Identification Number SWD-14-40501
- (3) DEP Permit Number 42079-004-SO
- (4) Authorized Representative Name William Hines
Address 3268 SW Dishong Road
City Arcadia Zip 34266
Telephone Number (863) 993-4826
- (5) Type of Discharge _____
- (6) Method of Discharge _____

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: _____

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # 990138

Analytical Lab Comp QAP # /HRS Certification # E84282
*Comp QAP # /HRS Certification # E81005

Lab Name Test America

Address 6712 Benjamin Rd., Suite 100, Tampa, FL 33634

Phone Number (813) 885-7427

ANALYTICAL REPORT

Job Number: 660-33084-1

Job Description: DeSoto County Landfill Annual Leachate

For:

EnviroSouth Technologies, Inc.

4330 Maine Avenue

Lakeland, FL 33801

Attention: David M Poe



Approved for release.
Nancy Robertson
Project Manager II
1/18/2010 4:21 PM

Nancy Robertson

Project Manager II

nancy.robertson@testamericainc.com

01/18/2010

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Savannah E87052

These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

TestAmerica Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634

Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: A full list spike was utilized for this method. 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 5 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 88897 had Acetonitrile and Isobutyl alcohol outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified with J3

Method 8260B: The matrix spike (MS) recoveries for batch 88897 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria for Acetonitrile. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: The matrix spike (MS) recoveries for batch 88838 were outside control limits for 2,4-Dimethylphenol and Dimethyl phthalate. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

Method 8270C LL: The matrix spike (MS) recoveries for batch 88943 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC Semi VOA

Method 8082: The was diluted due to the nature of the sample matrix. Elevated reporting limits (RLs) are provided.

Method 8082: The & RPD in the matrix spike/matrix spike duplicate (MS/MSD) for batch 88813 was outside control limits for PCB-1260. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8081: Per TA SOP, at least one of the surrogate recoveries was in control on sample Annual Leachate. The sample is flagged with J1.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 88985 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-33084-1 ANNUAL LEACHATE					
Benzene		1.9	1.0	ug/L	8260B
Chlorobenzene		2.3	1.0	ug/L	8260B
Toluene		0.88	1.0	ug/L	8260B
Xylenes, Total		13	3.0	ug/L	8260B
1,4-Dichlorobenzene		5.2	9.6	ug/L	8270C
2-Toluidine		2.2	9.6	ug/L	8270C
Anthracene		0.22	0.19	ug/L	8270C/LL_PAH
2-Methylnaphthalene		0.62	1.9	ug/L	8270C/LL_PAH
Naphthalene		5.3	1.9	ug/L	8270C/LL_PAH
Field pH		6.58		SU	Field Sampling
Field Temperature		21.4		Degrees C	Field Sampling
Oxygen, Dissolved		1.84		mg/L	Field Sampling
Specific Conductance		6.06		umhos/cm	Field Sampling
Turbidity		55		NTU	Field Sampling
Chloride		960	10	mg/L	300.0
Ammonia (as N)		320	2.0	mg/L	350.1
Bicarbonate Alkalinity as CaCO3		1700	1.0	mg/L	SM 2320B
Total Dissolved Solids		2900	25	mg/L	SM 2540C
Cyanide, Total		0.0072	0.010	mg/L	SM 4500 CN E
Sulfide		1.4	1.0	mg/L	SM 4500 S2 F
Total Recoverable					
Antimony		2.6	5.0	ug/L	6020A
Arsenic		23	2.5	ug/L	6020A
Barium		57	5.0	ug/L	6020A
Chromium		16	5.0	ug/L	6020A
Cobalt		22	0.50	ug/L	6020A
Copper		2.9	5.0	ug/L	6020A
Iron		7400	100	ug/L	6020A
Lead		0.67	1.5	ug/L	6020A
Nickel		40	4.0	ug/L	6020A
Selenium		7.6	2.5	ug/L	6020A
Silver		0.27	1.0	ug/L	6020A
Sodium		700	2.0	mg/L	6020A
Vanadium		40	10	ug/L	6020A
Zinc		9.8	20	ug/L	6020A
Tin		1.5	5.0	ug/L	6020A

METHOD SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Description	Lab Location	Method	Preparation Method
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Matrix: Water

Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL TAM	SW846 8270C	
Liquid-Liquid Extraction (Continuous)	TAL TAM		SW846 3520C
Low Level PAH's	TAL TAM	SW846 8270C/LL_PAH	
Liquid-Liquid Extraction (Continuous)	TAL TAM		SW846 3520C
EDB and DBCP in Water by Microextraction	TAL TAM	EPA 8011	
Microextraction	TAL TAM		SW846 8011
Organochlorine Pesticides (GC)	TAL TAM	SW846 8081A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL TAM		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL TAM	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL TAM		SW846 3510C
Organophosphorous Pesticides (GC)	TAL TAM	SW846 8141A	
Liquid-Liquid Extraction (Continuous)	TAL TAM		SW846 3520C
Herbicides (GC)	TAL TAM	SW846 8151A	
Extraction (Herbicides)	TAL TAM		SW846 8151A
Metals (ICP/MS)	TAL SAV	SW846 6020A	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
Mercury (CVAA)	TAL SAV	SW846 7470A	
Preparation, Mercury	TAL SAV		SW846 7470A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite	TAL TAM	MCAWW 353.2	
Alkalinity	TAL TAM	SM SM 2320B	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Cyanide, Total	TAL TAM	SM SM 4500 CN E	
Cyanide: Distillation	TAL TAM		SM SM 4500 CN C
Sulfide, Total	TAL TAM	SM SM 4500 S2 F	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAM = TestAmerica Tampa

METHOD SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Description	Lab Location	Method	Preparation Method
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Method References:

EPA = US Environmental Protection Agency

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

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

METHOD / ANALYST SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method	Analyst	Analyst ID
SW846 8260B	Campbell, Ed	EC
SW846 8270C	Ortiz, Raymond	RO
SW846 8270C	Petterson, Alyssa	AP
SW846 8270C/LL_PAH	Petterson, Alyssa	AP
EPA 8011	Ballard, James	JB
SW846 8081A	Myers, Randy	RM
SW846 8082	Ballard, James	JB
SW846 8141A	Myers, Randy	RM
SW846 8151A	Myers, Randy	RM
SW846 6020A	Boyuk, Brian	BB
SW846 7470A	Robertson, Bryn	BR
EPA Field Sampling	McNulty, Carol	CM
MCAWW 300.0	Cerome, Saurel	SC
MCAWW 350.1	Steward, Tiffany	TS
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2320B	Wieland, Kristen	KW
SM SM 2540C	Oonnoonny, Thomas	TO
SM SM 4500 CN E	Sengsouvana, Dom	DS
SM SM 4500 S2 F	Martin, Randolph	RM

SAMPLE SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-33084-1	Annual Leachate	Water	12/21/2009 1340	12/21/2009 1622
660-33084-2TB	Trip Blank	Water	12/21/2009 1340	12/21/2009 1622

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88897	Instrument ID:	BVME5973
Preparation:	5030B		Lab File ID:	1EL2723.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1653		Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1653			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acetonitrile	75	U J3	75	200
Acrolein	3.8	U	3.8	100
Acrylonitrile	1.2	U	1.2	100
Allyl chloride	2.5	U	2.5	5.0
Benzene	1.9		0.50	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	2.3		0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
Chloroprene	2.5	U	2.5	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
Ethylbenzene	0.44	U	0.44	1.0
Ethyl methacrylate	2.5	U	2.5	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Isobutyl alcohol	31	U J3	31	200
Methacrylonitrile	1.8	U	1.8	100
Methylene Chloride	4.0	U	4.0	5.0
Methyl methacrylate	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Propionitrile	7.2	U	7.2	100
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.88	I	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Client Matrix: Water

Date Sampled: 12/21/2009 1340

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88897	Instrument ID:	BVME5973
Preparation:	5030B		Lab File ID:	1EL2723.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1653		Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1653			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	13		0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	93		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-33084-2TB

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88897	Instrument ID:	BVME5973
Preparation:	5030B		Lab File ID:	1EL2715.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1418		Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1418			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acetonitrile	75	U J3	75	200
Acrolein	3.8	U	3.8	100
Acrylonitrile	1.2	U	1.2	100
Allyl chloride	2.5	U	2.5	5.0
Benzene	0.50	U	0.50	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
Chloroprene	2.5	U	2.5	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
Ethylbenzene	0.44	U	0.44	1.0
Ethyl methacrylate	2.5	U	2.5	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Isobutyl alcohol	31	U J3	31	200
Methacrylonitrile	1.8	U	1.8	100
Methylene Chloride	4.0	U	4.0	5.0
Methyl methacrylate	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Propionitrile	7.2	U	7.2	100
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-33084-2TB

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88897	Instrument ID:	BVME5973
Preparation:	5030B		Lab File ID:	1EL2715.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1418		Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1418			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane	97		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL28018.D
Dilution:	1.0		Initial Weight/Volume:	1045 mL
Date Analyzed:	12/28/2009 2022		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetophenone	1.4	U	1.4	9.6
2-Acetylaminofluorene	0.74	U	0.74	9.6
4-Aminobiphenyl	0.78	U	0.78	9.6
Benzyl alcohol	2.8	U	2.8	9.6
Bis(2-chloroethoxy)methane	1.9	U	1.9	9.6
Bis(2-chloroethyl)ether	2.5	U	2.5	9.6
Bis(2-ethylhexyl) phthalate	1.2	U	1.2	5.7
4-Bromophenyl phenyl ether	1.6	U	1.6	9.6
Butyl benzyl phthalate	1.1	U	1.1	9.6
4-Chloroaniline	2.0	U	2.0	19
4-Chloro-3-methylphenol	1.6	U	1.6	9.6
2-Chloronaphthalene	1.5	U	1.5	9.6
2-Chlorophenol	2.0	U	2.0	9.6
4-Chlorophenyl phenyl ether	1.7	U	1.7	9.6
Diallyl	1.3	U	1.3	9.6
Dibenzofuran	1.5	U	1.5	9.6
1,2-Dichlorobenzene	1.1	U	1.1	9.6
1,3-Dichlorobenzene	1.1	U	1.1	9.6
1,4-Dichlorobenzene	5.2	U	1.1	9.6
3,3'-Dichlorobenzidine	1.5	U	1.5	19
2,4-Dichlorophenol	1.7	U	1.7	9.6
2,6-Dichlorophenol	1.5	U	1.5	9.6
Diethyl phthalate	2.4	U	2.4	9.6
7,12-Dimethylbenz(a)anthracene	0.88	U	0.88	9.6
3,3'-Dimethylbenzidine	13	U	13	19
2,4-Dimethylphenol	1.7	U	1.7	9.6
Dimethyl phthalate	2.4	U	2.4	9.6
Di-n-butyl phthalate	2.4	U	2.4	9.6
1,3-Dinitrobenzene	0.95	U	0.95	9.6
4,6-Dinitro-2-methylphenol	1.4	U	1.4	48
2,4-Dinitrophenol	5.9	U	5.9	48
2,4-Dinitrotoluene	0.87	U	0.87	9.6
2,6-Dinitrotoluene	0.69	U	0.69	9.6
Di-n-octyl phthalate	2.4	U	2.4	9.6
Ethyl methanesulfonate	1.2	U	1.2	9.6
Hexachlorobenzene	1.6	U	1.6	3.8
Hexachlorobutadiene	0.96	U	0.96	9.6
Hexachlorocyclopentadiene	1.1	U	1.1	9.6
Hexachloroethane	0.81	U	0.81	9.6
Hexachloropropene	0.63	U	0.63	9.6
Isophorone	1.3	U	1.3	9.6
Isosafrole	1.5	U	1.5	9.6
Methapyrilene	1.1	U	1.1	1900
3-Methylcholanthrene	0.54	U	0.54	9.6
Methyl methanesulfonate	1.1	U	1.1	9.6
2-Methylphenol	2.2	U	2.2	9.6

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL28018.D
Dilution:	1.0		Initial Weight/Volume:	1045 mL
Date Analyzed:	12/28/2009 2022		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
3 & 4 Methylphenol	2.3	U	2.3	9.6
1,4-Naphthoquinone	1.1	U	1.1	9.6
1-Naphthylamine	0.80	U	0.80	9.6
2-Naphthylamine	0.96	U	0.96	9.6
2-Nitroaniline	1.3	U	1.3	48
3-Nitroaniline	1.1	U	1.1	48
4-Nitroaniline	1.3	U	1.3	48
Nitrobenzene	1.8	U	1.8	9.6
2-Nitrophenol	1.1	U	1.1	9.6
4-Nitrophenol	5.9	U	5.9	48
N-Nitro-o-toluidine	0.86	U	0.86	9.6
N-Nitrosodiethylamine	1.4	U	1.4	9.6
N-Nitrosodimethylamine	2.3	U	2.3	9.6
N-Nitrosodi-n-butylamine	1.4	U	1.4	9.6
N-Nitrosodi-n-propylamine	1.8	U	1.8	9.6
N-Nitrosodiphenylamine	1.5	U	1.5	9.6
N-Nitrosomethylethylamine	1.5	U	1.5	9.6
N-Nitrosopiperidine	0.83	U	0.83	9.6
N-Nitrosopyrrolidine	1.1	U	1.1	9.6
p-Dimethylamino azobenzene	0.64	U	0.64	9.6
Pentachlorobenzene	0.95	U	0.95	9.6
Pentachloronitrobenzene	1.4	U	1.4	9.6
Pentachlorophenol	1.4	U	1.4	14
Phenacetin	0.80	U	0.80	9.6
Phenol	2.3	U	2.3	3.8
p-Phenylene diamine	3.0	U	3.0	1900
Pronamide	0.67	U	0.67	9.6
Safrole, Total	1.1	U	1.1	9.6
1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	9.6
2-Toluidine	2.2	I	1.1	9.6
1,2,4-Trichlorobenzene	1.1	U	1.1	9.6
2,4,5-Trichlorophenol	2.0	U	2.0	9.6
2,4,6-Trichlorophenol	1.8	U	1.8	9.6
1,3,5-Trinitrobenzene	0.58	U	0.58	9.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	75		36 - 124
2-Fluorophenol	59		29 - 121
Nitrobenzene-d5	79		34 - 130
Phenol-d5	55		25 - 128
Terphenyl-d14	21		14 - 148
2,4,6-Tribromophenol	71		29 - 143

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Client Matrix: Water

Date Sampled: 12/21/2009 1340

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89146	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL28018.D
Dilution:	1.0		Initial Weight/Volume:	1045 mL
Date Analyzed:	12/28/2009 2022	Run Type: RA	Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,3,4,6-Tetrachlorophenol	0.62	U	0.62	9.6

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL30016.D
Dilution:	1.0		Initial Weight/Volume:	1045 mL
Date Analyzed:	12/30/2009 1340	Run Type: RA2	Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
o,o',o"-Triethylphosphorothioate	1.7	U	1.7	9.6

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8270C/LL_PAH Low Level PAH's

Method: 8270C/LL_PAH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/28/2009 1112
Date Prepared: 12/23/2009 1322

Analysis Batch: 660-88943
Prep Batch: 660-88837

Instrument ID: BSMA5973
Lab File ID: 1AL28012.D
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acenaphthene	0.49	U	0.49	1.9
Acenaphthylene	0.24	U	0.24	0.97
Anthracene	0.22		0.074	0.19
Benzo[a]anthracene	0.049	U	0.049	0.19
Benzo[a]pyrene	0.055	U	0.055	0.19
Benzo[b]fluoranthene	0.049	U	0.049	0.19
Benzo[g,h,i]perylene	0.097	U	0.097	0.49
Benzo[k]fluoranthene	0.055	U	0.055	0.19
Chrysene	0.067	U	0.067	0.19
Dibenz(a,h)anthracene	0.049	U	0.049	0.19
Fluoranthene	0.052	U	0.052	0.49
Fluorene	0.49	U	0.49	1.9
Indeno[1,2,3-cd]pyrene	0.049	U	0.049	0.19
2-Methylnaphthalene	0.62	I	0.49	1.9
1-Methylnaphthalene	0.49	U	0.49	1.9
Naphthalene	5.3		0.24	1.9
Phenanthrene	0.19	U	0.19	0.49
Pyrene	0.086	U	0.086	0.49
Surrogate	%Rec	Qualifier	Acceptance Limits	
o-Terphenyl	56		30 - 130	

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8011 EDB and DBCP in Water by Microextraction

Method:	8011	Analysis Batch: 660-88825	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-88820	Initial Weight/Volume:	36.2864 g
Dilution:	1.0		Final Weight/Volume:	2.0 mL
Date Analyzed:	12/22/2009 2126		Injection Volume:	4 uL
Date Prepared:	12/22/2009 1330		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0096	U	0.0096	0.019
Ethylene Dibromide	0.0096	U	0.0096	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	88		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 660-89042	Instrument ID:	BSGJ
Preparation:	3510C	Prep Batch: 660-88813	Initial Weight/Volume:	1040 mL
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	12/29/2009 2204		Injection Volume:	2 uL
Date Prepared:	12/23/2009 0651		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Aldrin	0.0018	U	0.0018	0.0096
alpha-BHC	0.0027	U	0.0027	0.0096
beta-BHC	0.0026	U	0.0026	0.0096
Chlordane (technical)	0.055	U	0.055	0.48
Chlorobenzilate	0.072	U	0.072	0.48
4,4'-DDD	0.0039	U	0.0039	0.0096
4,4'-DDE	0.0053	U	0.0053	0.0096
4,4'-DDT	0.0030	U	0.0030	0.0096
delta-BHC	0.0027	U	0.0027	0.0096
Dieldrin	0.0013	U	0.0013	0.0096
Endosulfan I	0.0033	U	0.0033	0.0096
Endosulfan II	0.0032	U	0.0032	0.0096
Endosulfan sulfate	0.0028	U	0.0028	0.0096
Endrin	0.0030	U	0.0030	0.0096
Endrin aldehyde	0.0031	U	0.0031	0.0096
gamma-BHC (Lindane)	0.0025	U	0.0025	0.0096
Heptachlor	0.0030	U	0.0030	0.0096
Heptachlor epoxide	0.0030	U	0.0030	0.0096
Isodrin	0.0059	U	0.0059	0.048
Kepone	0.080	U	0.080	0.96
Methoxychlor	0.0049	U	0.0049	0.0096
Toxaphene	0.69	U	0.69	2.9
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	29	J1	30 - 150	
Tetrachloro-m-xylene	67		30 - 150	

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 660-88976	Instrument ID:	BSGK
Preparation:	3510C	Prep Batch: 660-88813	Initial Weight/Volume:	1040 mL
Dilution:	4.0		Final Weight/Volume:	10 mL
Date Analyzed:	12/28/2009 1619		Injection Volume:	2 uL
Date Prepared:	12/23/2009 0651		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
PCB-1016	1.0	U	1.0	1.9
PCB-1221	0.58	U	0.58	1.9
PCB-1232	1.5	U	1.5	1.9
PCB-1242	0.88	U	0.88	1.9
PCB-1248	0.50	U	0.50	1.9
PCB-1254	0.46	U	0.46	1.9
PCB-1260	1.2	U	1.2	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	33		30 - 150
Tetrachloro-m-xylene	71		30 - 150

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8141A Organophosphorous Pesticides (GC)

Method:	8141A	Analysis Batch: 660-89037	Instrument ID:	BSGR
Preparation:	3520C	Prep Batch: 660-88839	Initial Weight/Volume:	1040 mL
Dilution:	1.0		Final Weight/Volume:	1 mL
Date Analyzed:	12/30/2009 1511		Injection Volume:	4 uL
Date Prepared:	12/23/2009 1331		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Dimethoate	0.058	U	0.058	0.96
Disulfoton	0.087	U	0.087	0.96
Famphur	0.24	U	0.24	0.96
Methyl parathion	0.053	U	0.053	0.24
Parathion	0.12	U	0.12	0.48
Thionazin	0.12	U	0.12	0.48
Phorate	0.096	U	0.096	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
Triphenylphosphate	20		16 - 164

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

8151A Herbicides (GC)

Method: 8151A

Analysis Batch: 660-89100

Instrument ID: BSGJ

Preparation: 8151A

Prep Batch: 660-88914

Initial Weight/Volume: 1020 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Date Analyzed: 01/01/2010 0359

Injection Volume: 2 uL

Date Prepared: 12/28/2009 1152

Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,4-D	0.98	U	0.98	4.9
2,4,5-T	0.98	U	0.98	4.9
Silvex (2,4,5-TP)	0.98	U	0.98	4.9
Dinoseb	0.98	U	0.98	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	117		33 - 120

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1044		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.6	I	2.3	5.0
Arsenic	23		1.3	2.5
Barium	57		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	16		2.5	5.0
Cobalt	22		0.15	0.50
Copper	2.9	I	1.1	5.0
Iron	7400		33	100
Lead	0.67	I	0.20	1.5
Nickel	40		2.0	4.0
Selenium	7.6		1.0	2.5
Silver	0.27	I	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	40		3.8	10
Zinc	9.8	I	8.3	20
Tin	1.5	I	1.3	5.0

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	4.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1141		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	700		1.0	2.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-157533	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-157275	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1432		Final Weight/Volume:	50 mL
Date Prepared:	12/29/2009 1024			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

General Chemistry

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Client Matrix: Water

Date Sampled: 12/21/2009 1340

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	960		mg/L	4.0	10	20	300.0
	Analysis Batch: 660-88903	Date Analyzed: 12/24/2009	1340				
Ammonia (as N)	320		mg/L	1.0	2.0	100	350.1
	Analysis Batch: 660-88985	Date Analyzed: 12/29/2009	1359				
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
	Analysis Batch: 660-88822	Date Analyzed: 12/23/2009	0818				
Cyanide, Total	0.0072	I	mg/L	0.0050	0.010	1.0	SM 4500 CN E
	Analysis Batch: 660-88892	Date Analyzed: 12/24/2009	1540				
	Prep Batch: 660-88891	Date Prepared: 12/24/2009	1030				

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Bicarbonate Alkalinity as CaCO ₃	1700		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-88915	Date Analyzed: 12/28/2009	1142				
Total Dissolved Solids	2900		mg/L	25	25	1.0	SM 2540C
	Analysis Batch: 660-88858	Date Analyzed: 12/24/2009	0741				
Sulfide	1.4		mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-88887	Date Analyzed: 12/24/2009	1600				

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Field Service / Mobile Lab

Client Sample ID: Annual Leachate

Lab Sample ID: 660-33084-1

Date Sampled: 12/21/2009 1340

Client Matrix: Water

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	6.58		SU	1.0	Field Sampling	660-88973	12/21/2009 1340
Field Temperature	21.4		Degrees C	1.0	Field Sampling	660-88973	12/21/2009 1340
Oxygen, Dissolved	1.84		mg/L	1.0	Field Sampling	660-88973	12/21/2009 1340
Specific Conductance	6.06		umhos/cm	1.0	Field Sampling	660-88973	12/21/2009 1340
Turbidity	55		NTU	1.0	Field Sampling	660-88973	12/21/2009 1340

DATA REPORTING QUALIFIERS

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
GC/MS Semi VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
GC Semi VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

DATA REPORTING QUALIFIERS

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Section	Qualifier	Description
General Chemistry	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 660-88897/2

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2707.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1143

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1143

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acetonitrile	75	U	75	200
Acrolein	3.8	U	3.8	100
Acrylonitrile	1.2	U	1.2	100
Allyl chloride	2.5	U	2.5	5.0
Benzene	0.50	U	0.50	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
Chloroprene	2.5	U	2.5	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
Ethylbenzene	0.44	U	0.44	1.0
Ethyl methacrylate	2.5	U	2.5	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Isobutyl alcohol	31	U	31	200
Methacrylonitrile	1.8	U	1.8	100
Methylene Chloride	4.0	U	4.0	5.0
Methyl methacrylate	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Propionitrile	7.2	U	7.2	100
Styrene	0.98	U	0.98	2.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 660-88897/2

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2707.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1143

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1143

Analyte	Result	Qual	MDL	PQL
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	93	70 - 130
Dibromofluoromethane	96	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Control Sample - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-88897/1

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2704.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1041

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1041

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	102	102	62 - 142	
Acetonitrile	100	299	299	70 - 130	J3
Acrolein	400	280	70	54 - 145	
Acrylonitrile	200	193	97	10 - 183	
Allyl chloride	20.0	17.8	89	70 - 130	
Benzene	20.0	18.9	95	64 - 140	
Bromodichloromethane	20.0	20.0	100	70 - 130	
Bromoform	20.0	19.8	99	65 - 130	
Bromomethane	20.0	10.6	53	14 - 184	
2-Butanone (MEK)	100	105	105	63 - 140	
Carbon disulfide	10.0	8.32	83	30 - 184	
Carbon tetrachloride	20.0	19.1	95	53 - 145	
Chlorobenzene	20.0	19.5	98	70 - 130	
Chlorobromomethane	20.0	19.8	99	59 - 130	
Chlorodibromomethane	20.0	19.9	99	70 - 130	
Chloroethane	20.0	20.1	100	39 - 174	
Chloroform	20.0	18.5	93	59 - 130	
Chloromethane	20.0	9.88	49	35 - 153	
Chloroprene	20.0	22.8	114	70 - 130	
cis-1,2-Dichloroethene	20.0	19.5	98	61 - 130	
cis-1,3-Dichloropropene	20.0	20.2	101	70 - 130	
Dibromomethane	20.0	19.6	98	70 - 130	
Dichlorodifluoromethane	20.0	3.87	19	16 - 149	I
1,1-Dichloroethane	20.0	18.1	91	60 - 132	
1,2-Dichloroethane	20.0	19.0	95	70 - 130	
1,1-Dichloroethene	20.0	15.6	78	51 - 157	
1,2-Dichloropropane	20.0	20.1	100	70 - 130	
1,3-Dichloropropane	20.0	20.0	100	70 - 130	
2,2-Dichloropropane	20.0	19.3	96	49 - 139	
1,1-Dichloropropene	20.0	19.2	96	58 - 146	
Ethylbenzene	20.0	20.3	102	69 - 131	
Ethyl methacrylate	20.0	20.3	102	70 - 130	
2-Hexanone	100	113	113	57 - 148	
Iodomethane	20.0	17.6	88	70 - 130	
Isobutyl alcohol	100	134	134	70 - 130	I J3
Methacrylonitrile	100	107	107	70 - 130	
Methylene Chloride	20.0	17.3	86	57 - 130	
Methyl methacrylate	20.0	19.9	100	70 - 130	
4-Methyl-2-pentanone (MIBK)	100	109	109	64 - 137	
Propionitrile	100	100	100	70 - 130	
Styrene	20.0	20.9	104	62 - 136	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Control Sample - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-88897/1

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2704.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1041

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1041

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	20.0	20.0	100	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	67 - 130	
Tetrachloroethene	20.0	18.3	92	47 - 143	
Toluene	20.0	19.7	99	70 - 131	
trans-1,4-Dichloro-2-butene	20.0	22.8	114	70 - 130	
trans-1,2-Dichloroethene	20.0	16.8	84	55 - 145	
trans-1,3-Dichloropropene	20.0	19.3	97	62 - 130	
1,1,1-Trichloroethane	20.0	18.9	95	57 - 135	
1,1,2-Trichloroethane	20.0	19.8	99	69 - 130	
Trichloroethene	20.0	18.9	94	59 - 142	
Trichlorofluoromethane	20.0	17.9	89	62 - 147	
1,2,3-Trichloropropane	20.0	19.2	96	62 - 130	
Vinyl acetate	37.1	28.0	76	10 - 166	
Vinyl chloride	20.0	12.9	65	48 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33082-W-1 MS

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2711.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1301

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1301

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	100	96.3	96	62 - 142	
Acetonitrile	75	U	100	286	286	70 - 130	J3
Acrolein	3.8	U	400	259	65	54 - 145	
Acrylonitrile	1.2	U	200	189	94	10 - 183	
Allyl chloride	2.5	U	20.0	17.1	85	70 - 130	
Benzene	0.50	U	20.0	18.1	90	64 - 140	
Bromodichloromethane	0.35	U	20.0	20.4	102	70 - 130	
Bromoform	0.58	U	20.0	19.3	96	65 - 130	
Bromomethane	2.5	U	20.0	9.80	49	14 - 184	
2-Butanone (MEK)	8.4	U	100	106	106	63 - 140	
Carbon disulfide	0.85	U	10.0	6.94	69	30 - 184	
Carbon tetrachloride	0.42	U	20.0	17.6	88	53 - 145	
Chlorobenzene	0.63	U	20.0	19.0	95	70 - 130	
Chlorobromomethane	0.58	U	20.0	18.2	91	59 - 130	
Chlorodibromomethane	0.34	U	20.0	20.0	100	70 - 130	
Chloroethane	2.5	U	20.0	18.3	91	39 - 174	
Chloroform	0.90	U	20.0	18.4	92	59 - 130	
Chloromethane	1.0	U	20.0	8.24	41	35 - 153	
Chloroprene	2.5	U	20.0	20.4	102	70 - 130	
cis-1,2-Dichloroethene	0.65	U	20.0	18.4	92	61 - 130	
cis-1,3-Dichloropropene	0.14	U	20.0	20.2	101	70 - 130	
Dibromomethane	0.41	U	20.0	19.6	98	70 - 130	
Dichlorodifluoromethane	2.5	U	20.0	3.02	15	16 - 149	I J3
1,1-Dichloroethane	0.52	U	20.0	17.6	88	60 - 132	
1,2-Dichloroethane	0.57	U	20.0	18.4	92	70 - 130	
1,1-Dichloroethene	0.45	U	20.0	13.7	69	51 - 157	
1,2-Dichloropropane	0.52	U	20.0	20.1	101	70 - 130	
1,3-Dichloropropane	0.39	U	20.0	20.9	104	70 - 130	
2,2-Dichloropropane	0.36	U	20.0	17.5	87	49 - 139	
1,1-Dichloropropene	0.31	U	20.0	17.3	87	58 - 146	
Ethylbenzene	0.44	U	20.0	20.2	101	69 - 131	
Ethyl methacrylate	2.5	U	20.0	21.1	106	70 - 130	
2-Hexanone	4.4	U	100	117	117	57 - 148	
Iodomethane	2.5	U	20.0	16.2	81	70 - 130	
Isobutyl alcohol	31	U	100	111	111	70 - 130	I
Methacrylonitrile	1.8	U	100	102	102	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33082-W-1 MS

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2711.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1301

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1301

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Methylene Chloride	4.0	U	20.0	15.6	78	57 - 130	
Methyl methacrylate	2.5	U	20.0	20.4	102	70 - 130	
4-Methyl-2-pentanone (MIBK)	3.8	U	100	115	115	64 - 137	
Propionitrile	7.2	U	100	94.2	94	70 - 130	I
Styrene	0.98	U	20.0	20.7	104	62 - 136	
1,1,1,2-Tetrachloroethane	0.63	U	20.0	20.3	101	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	20.0	19.7	98	67 - 130	
Tetrachloroethene	0.50	U	20.0	17.5	88	47 - 143	
Toluene	0.51	U	20.0	19.3	96	70 - 131	
trans-1,4-Dichloro-2-butene	2.5	U	20.0	21.6	108	70 - 130	
trans-1,2-Dichloroethene	0.44	U	20.0	15.2	76	55 - 145	
trans-1,3-Dichloropropene	0.14	U	20.0	19.8	99	62 - 130	
1,1,1-Trichloroethane	0.46	U	20.0	17.7	88	57 - 135	
1,1,2-Trichloroethane	0.47	U	20.0	20.7	103	69 - 130	
Trichloroethene	0.50	U	20.0	17.4	87	59 - 142	
Trichlorofluoromethane	2.5	U	20.0	14.7	74	62 - 147	
1,2,3-Trichloropropane	0.18	U	20.0	19.3	97	62 - 130	
Vinyl acetate	1.5	U	37.1	27.5	74	10 - 166	
Vinyl chloride	0.50	U	20.0	10.6	53	48 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Duplicate - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33081-N-1 DU

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2710.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1242

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1242

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acetonitrile	75	U	75	NC	30	U J3
Acrolein	3.8	U	3.8	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Allyl chloride	2.5	U	2.5	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromodichloromethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U
Carbon disulfide	0.85	U	0.85	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chlorobromomethane	0.58	U	0.58	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
Chloroprene	2.5	U	2.5	NC	30	U
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
Dichlorodifluoromethane	2.5	U	2.5	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
1,3-Dichloropropane	0.39	U	0.39	NC	30	U
2,2-Dichloropropane	0.36	U	0.36	NC	30	U
1,1-Dichloropropene	0.31	U	0.31	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
Ethyl methacrylate	2.5	U	2.5	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Isobutyl alcohol	31	U	31	NC	30	U J3
Methacrylonitrile	1.8	U	1.8	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
Methyl methacrylate	2.5	U	2.5	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Duplicate - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33081-N-1 DU

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2710.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1242

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1242

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Propionitrile	7.2	U	7.2	NC	30	U
Styrene	0.98	U	0.98	NC	30	U
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U
Trichloroethene	0.50	U	0.50	NC	30	U
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	70 - 130
Dibromofluoromethane	98	70 - 130
Toluene-d8 (Surr)	101	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: MB 660-88838/1-A

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL28014.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1000 mL

Date Analyzed: 12/28/2009 1835

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Acetophenone	1.5	U	1.5	10
2-Acetylaminofluorene	0.77	U	0.77	10
4-Aminobiphenyl	0.81	U	0.81	10
Benzyl alcohol	2.9	U	2.9	10
Bis(2-chloroethoxy)methane	2.0	U	2.0	10
Bis(2-chloroethyl)ether	2.6	U	2.6	10
Bis(2-ethylhexyl) phthalate	1.3	U	1.3	6.0
4-Bromophenyl phenyl ether	1.7	U	1.7	10
Butyl benzyl phthalate	1.2	U	1.2	10
4-Chloroaniline	2.1	U	2.1	20
4-Chloro-3-methylphenol	1.7	U	1.7	10
2-Chloronaphthalene	1.6	U	1.6	10
2-Chlorophenol	2.1	U	2.1	10
4-Chlorophenyl phenyl ether	1.8	U	1.8	10
Diallate	1.4	U	1.4	10
Dibenzofuran	1.6	U	1.6	10
1,2-Dichlorobenzene	1.1	U	1.1	10
1,3-Dichlorobenzene	1.1	U	1.1	10
1,4-Dichlorobenzene	1.2	U	1.2	10
3,3'-Dichlorobenzidine	1.6	U	1.6	20
2,4-Dichlorophenol	1.8	U	1.8	10
2,6-Dichlorophenol	1.6	U	1.6	10
Diethyl phthalate	2.5	U	2.5	10
7,12-Dimethylbenz(a)anthracene	0.92	U	0.92	10
3,3'-Dimethylbenzidine	14	U	14	20
2,4-Dimethylphenol	1.8	U	1.8	10
Dimethyl phthalate	2.5	U	2.5	10
Di-n-butyl phthalate	2.5	U	2.5	10
1,3-Dinitrobenzene	0.99	U	0.99	10
4,6-Dinitro-2-methylphenol	1.5	U	1.5	50
2,4-Dinitrophenol	6.2	U	6.2	50
2,4-Dinitrotoluene	0.91	U	0.91	10
2,6-Dinitrotoluene	0.72	U	0.72	10
Di-n-octyl phthalate	2.5	U	2.5	10
Ethyl methanesulfonate	1.3	U	1.3	10
Hexachlorobenzene	1.7	U	1.7	4.0
Hexachlorobutadiene	1.0	U	1.0	10
Hexachlorocyclopentadiene	1.2	U	1.2	10
Hexachloroethane	0.85	U	0.85	10
Hexachloropropene	0.66	U	0.66	10
Isophorone	1.4	U	1.4	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: MB 660-88838/1-A

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL28014.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1000 mL

Date Analyzed: 12/28/2009 1835

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Isosafrole	1.6	U	1.6	10
Methapyrilene	1.1	U	1.1	2000
3-Methylcholanthrene	0.56	U	0.56	10
Methyl methanesulfonate	1.2	U	1.2	10
2-Methylphenol	2.3	U	2.3	10
3 & 4 Methylphenol	2.4	U	2.4	10
1,4-Naphthoquinone	1.1	U	1.1	10
1-Naphthylamine	0.84	U	0.84	10
2-Naphthylamine	1.0	U	1.0	10
2-Nitroaniline	1.4	U	1.4	50
3-Nitroaniline	1.2	U	1.2	50
4-Nitroaniline	1.4	U	1.4	50
Nitrobenzene	1.9	U	1.9	10
2-Nitrophenol	1.2	U	1.2	10
4-Nitrophenol	6.2	U	6.2	50
N-Nitro-o-toluidine	0.90	U	0.90	10
N-Nitrosodiethylamine	1.5	U	1.5	10
N-Nitrosodimethylamine	2.4	U	2.4	10
N-Nitrosodi-n-butylamine	1.5	U	1.5	10
N-Nitrosodi-n-propylamine	1.9	U	1.9	10
N-Nitrosodiphenylamine	1.6	U	1.6	10
N-Nitrosomethylethylamine	1.6	U	1.6	10
N-Nitrosopiperidine	0.87	U	0.87	10
N-Nitrosopyrrolidine	1.2	U	1.2	10
o,o',o"-Triethylphosphorothioate	1.8	U	1.8	10
p-Dimethylamino azobenzene	0.67	U	0.67	10
Pentachlorobenzene	0.99	U	0.99	10
Pentachloronitrobenzene	1.5	U	1.5	10
Pentachlorophenol	1.5	U	1.5	15
Phenacetin	0.84	U	0.84	10
Phenol	2.4	U	2.4	4.0
p-Phenylene diamine	3.1	U	3.1	2000
Pronamide	0.70	U	0.70	10
Safrole, Total	1.2	U	1.2	10
1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	10
2,3,4,6-Tetrachlorophenol	0.65	U	0.65	10
2-Toluidine	1.2	U	1.2	10
1,2,4-Trichlorobenzene	1.2	U	1.2	10
2,4,5-Trichlorophenol	2.1	U	2.1	10
2,4,6-Trichlorophenol	1.9	U	1.9	10
1,3,5-Trinitrobenzene	0.61	U	0.61	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88838

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 660-88838/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1835
Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091
Prep Batch: 660-88838
Units: ug/L

Instrument ID: HP 6890/5973
Lab File ID: 1DL28014.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Surrogate	% Rec		Acceptance Limits	
2-Fluorobiphenyl	86		36 - 124	
2-Fluorophenol	62		29 - 121	
Nitrobenzene-d5	76		34 - 130	
Phenol-d5	52		25 - 128	
Terphenyl-d14	99		14 - 148	
2,4,6-Tribromophenol	82		29 - 143	

Method Blank - Batch: 660-88838

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 660-88838/1-ARA2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1122
Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091
Prep Batch: 660-88838
Units: ug/L
Run Type: RA2

Instrument ID: HP 6890/5973
Lab File ID: 1DL30011.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
o,o',o''-Triethylphosphorothioate	1.8	U	1.8	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Control Sample - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: LCS 660-88838/2-A

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL28020.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1000 mL

Date Analyzed: 12/28/2009 2115

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzyl alcohol	100	81.1	81	13 - 220	
Bis(2-chloroethoxy)methane	100	79.1	79	39 - 132	
Bis(2-chloroethyl)ether	100	78.4	78	34 - 135	
Bis(2-ethylhexyl) phthalate	100	87.7	88	45 - 134	
4-Bromophenyl phenyl ether	100	90.5	91	46 - 141	
Butyl benzyl phthalate	100	91.3	91	43 - 135	
4-Chloroaniline	100	58.0	58	10 - 130	
4-Chloro-3-methylphenol	100	79.5	79	41 - 130	
2-Chloronaphthalene	100	84.7	85	45 - 130	
2-Chlorophenol	100	75.1	75	40 - 130	
4-Chlorophenyl phenyl ether	100	87.9	88	45 - 134	
Dibenzofuran	100	92.1	92	46 - 133	
1,2-Dichlorobenzene	100	65.6	66	35 - 130	
1,3-Dichlorobenzene	100	63.3	63	33 - 130	
1,4-Dichlorobenzene	100	62.9	63	38 - 130	
3,3'-Dichlorobenzidine	100	21.8	22	10 - 130	
2,4-Dichlorophenol	100	82.4	82	40 - 135	
Diethyl phthalate	100	88.3	88	50 - 132	
2,4-Dimethylphenol	100	64.9	65	44 - 130	
Dimethyl phthalate	100	87.5	88	52 - 132	
Di-n-butyl phthalate	100	87.8	88	50 - 144	
4,6-Dinitro-2-methylphenol	100	74.5	75	10 - 197	
2,4-Dinitrophenol	100	70.1	70	10 - 375	
2,4-Dinitrotoluene	100	96.6	97	38 - 131	
2,6-Dinitrotoluene	100	88.0	88	54 - 132	
Di-n-octyl phthalate	100	93.9	94	37 - 136	
Hexachlorobenzene	100	91.6	92	35 - 136	
Hexachlorobutadiene	100	63.1	63	34 - 130	
Hexachlorocyclopentadiene	100	15.9	16	10 - 130	
Hexachloroethane	100	56.0	56	31 - 130	
Isophorone	100	80.2	80	46 - 150	
2-Methylphenol	100	74.4	74	40 - 130	
2-Nitroaniline	100	86.4	86	52 - 130	
3-Nitroaniline	100	79.1	79	10 - 148	
4-Nitroaniline	100	89.6	90	12 - 137	
Nitrobenzene	100	74.6	75	45 - 130	
2-Nitrophenol	100	82.7	83	44 - 134	
4-Nitrophenol	100	60.6	61	19 - 130	
N-Nitrosodimethylamine	100	60.7	61	24 - 130	
N-Nitrosodi-n-propylamine	100	83.8	84	37 - 130	
N-Nitrosodiphenylamine	100	62.1	62	28 - 139	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Control Sample - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: LCS 660-88838/2-A

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL28020.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1000 mL

Date Analyzed: 12/28/2009 2115

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	100	77.0	77	30 - 134	
Phenol	100	61.9	62	18 - 130	
2,3,4,6-Tetrachlorophenol	100	92.4	92	10 - 130	
1,2,4-Trichlorobenzene	100	66.0	66	39 - 130	
2,4,5-Trichlorophenol	100	89.1	89	48 - 130	
2,4,6-Trichlorophenol	100	86.3	86	47 - 131	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike - Batch: 660-88838

Method: 8270C
Preparation: 3520C

Lab Sample ID: 660-33082-M-2-A MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 2141
Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091
Prep Batch: 660-88838
Units: ug/L

Instrument ID: HP 6890/5973
Lab File ID: 1DL28021.D
Initial Weight/Volume: 1055 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Benzyl alcohol	2.7 U	94.8	54.1	57	13 - 220	
Bis(2-chloroethoxy)methane	1.9 U	94.8	52.4	55	39 - 132	
Bis(2-chloroethyl)ether	2.5 U	94.8	54.7	58	34 - 135	
Bis(2-ethylhexyl) phthalate	1.2 U	94.8	51.1	54	45 - 134	
4-Bromophenyl phenyl ether	1.6 U	94.8	62.6	66	46 - 141	
Butyl benzyl phthalate	1.1 U	94.8	57.2	60	43 - 135	
4-Chloroaniline	2.0 U	94.8	49.0	52	10 - 130	
4-Chloro-3-methylphenol	1.6 U	94.8	44.7	47	41 - 130	
2-Chloronaphthalene	1.5 U	94.8	59.5	63	45 - 130	
2-Chlorophenol	2.0 U	94.8	39.2	41	40 - 130	
4-Chlorophenyl phenyl ether	1.7 U	94.8	59.6	63	45 - 134	
Dibenzofuran	1.5 U	94.8	65.2	69	46 - 133	
1,2-Dichlorobenzene	1.0 U	94.8	47.5	50	35 - 130	
1,3-Dichlorobenzene	1.0 U	94.8	44.5	47	33 - 130	
1,4-Dichlorobenzene	1.1 U	94.8	45.7	48	38 - 130	
3,3'-Dichlorobenzidine	1.5 U	94.8	37.6	40	10 - 130	
2,4-Dichlorophenol	1.7 U	94.8	41.8	44	40 - 135	
Diethyl phthalate	2.4 U	94.8	49.5	52	50 - 132	
2,4-Dimethylphenol	1.7 U	94.8	35.3	37	44 - 130	J3
Dimethyl phthalate	2.4 U	94.8	47.6	50	52 - 132	J3
Di-n-butyl phthalate	2.4 U	94.8	52.8	56	50 - 144	
4,6-Dinitro-2-methylphenol	1.4 U	94.8	46.3	49	10 - 197	
2,4-Dinitrophenol	5.9 U	94.8	40.5	43	10 - 375	
2,4-Dinitrotoluene	0.86 U	94.8	69.7	73	38 - 131	
2,6-Dinitrotoluene	0.68 U	94.8	60.1	63	54 - 132	
Di-n-octyl phthalate	2.4 U	94.8	52.9	56	37 - 136	
Hexachlorobenzene	1.6 U	94.8	58.3	61	35 - 136	
Hexachlorobutadiene	0.95 U	94.8	41.1	43	34 - 130	
Hexachlorocyclopentadiene	1.1 U	94.8	15.0	16	10 - 130	
Hexachloroethane	0.81 U	94.8	39.0	41	31 - 130	
Isophorone	1.3 U	94.8	55.6	59	46 - 150	
2-Methylphenol	2.2 U	94.8	41.8	44	40 - 130	
2-Nitroaniline	1.3 U	94.8	62.3	66	52 - 130	
3-Nitroaniline	1.1 U	94.8	59.4	63	10 - 148	
4-Nitroaniline	1.3 U	94.8	62.9	66	12 - 137	
Nitrobenzene	1.8 U	94.8	52.4	55	45 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: 660-33082-M-2-A MS

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL28021.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1055 mL

Date Analyzed: 12/28/2009 2141

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
2-Nitrophenol	1.1	U	94.8	46.4	49	44 - 134	
4-Nitrophenol	5.9	U	94.8	31.9	34	19 - 130	
N-Nitrosodimethylamine	2.3	U	94.8	42.3	45	24 - 130	
N-Nitrosodi-n-propylamine	1.8	U	94.8	55.2	58	37 - 130	
N-Nitrosodiphenylamine	1.5	U	94.8	53.4	56	28 - 139	
Pentachlorophenol	1.4	U	94.8	47.3	50	30 - 134	
Phenol	2.3	U	94.8	33.3	35	18 - 130	
2,3,4,6-Tetrachlorophenol	0.62	U	94.8	50.1	53	10 - 130	
1,2,4-Trichlorobenzene	1.1	U	94.8	46.9	49	39 - 130	
2,4,5-Trichlorophenol	2.0	U	94.8	47.3	50	48 - 130	
2,4,6-Trichlorophenol	1.8	U	94.8	44.4	47	47 - 131	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Duplicate - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: 660-33082-M-1-A DU

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL28019.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1050 mL

Date Analyzed: 12/28/2009 2048

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetophenone	1.4	U	1.4	NC	50	U
2-Acetylaminofluorene	0.73	U	0.73	NC	50	U
4-Aminobiphenyl	0.77	U	0.77	NC	50	U
Benzyl alcohol	2.7	U	2.8	NC	32	U
Bis(2-chloroethoxy)methane	1.9	U	1.9	NC	20	U
Bis(2-chloroethyl)ether	2.5	U	2.5	NC	58	U
Bis(2-ethylhexyl) phthalate	1.2	U	1.2	NC	26	U
4-Bromophenyl phenyl ether	1.6	U	1.6	NC	26	U
Butyl benzyl phthalate	1.1	U	1.1	NC	41	U
4-Chloroaniline	2.0	U	2.0	NC	67	U
4-Chloro-3-methylphenol	1.6	U	1.6	NC	31	U
2-Chloronaphthalene	1.5	U	1.5	NC	22	U
2-Chlorophenol	2.0	U	2.0	NC	34	U
4-Chlorophenyl phenyl ether	1.7	U	1.7	NC	26	U
Diallate	1.3	U	1.3	NC	50	U
Dibenzofuran	1.5	U	1.5	NC	20	U
1,2-Dichlorobenzene	1.0	U	1.0	NC	30	U
1,3-Dichlorobenzene	1.0	U	1.0	NC	26	U
1,4-Dichlorobenzene	1.1	U	1.1	NC	31	U
3,3'-Dichlorobenzidine	1.5	U	1.5	NC	72	U
2,4-Dichlorophenol	1.7	U	1.7	NC	30	U
2,6-Dichlorophenol	1.5	U	1.5	NC	50	U
Diethyl phthalate	2.4	U	2.4	NC	49	U
7,12-Dimethylbenz(a)anthracene	0.87	U	0.88	NC	50	U
3,3'-Dimethylbenzidine	13	U	13	NC	100	U
2,4-Dimethylphenol	1.7	U	1.7	NC	43	U
Dimethyl phthalate	2.4	U	2.4	NC	31	U
Di-n-butyl phthalate	2.4	U	2.4	NC	29	U
1,3-Dinitrobenzene	0.94	U	0.94	NC	50	U
4,6-Dinitro-2-methylphenol	1.4	U	1.4	NC	33	U
2,4-Dinitrophenol	5.9	U	5.9	NC	63	U
2,4-Dinitrotoluene	0.86	U	0.87	NC	32	U
2,6-Dinitrotoluene	0.68	U	0.69	NC	24	U
Di-n-octyl phthalate	2.4	U	2.4	NC	33	U
Ethyl methanesulfonate	1.2	U	1.2	NC	50	U
Hexachlorobenzene	1.6	U	1.6	NC	31	U
Hexachlorobutadiene	0.95	U	0.95	NC	30	U
Hexachlorocyclopentadiene	1.1	U	1.1	NC	67	U
Hexachloroethane	0.81	U	0.81	NC	35	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Duplicate - Batch: 660-88838

Method: 8270C
Preparation: 3520C

Lab Sample ID: 660-33082-M-1-A DU

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL28019.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1050 mL

Date Analyzed: 12/28/2009 2048

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Hexachloropropene	0.63	U	0.63	NC	50	U
Isophorone	1.3	U	1.3	NC	33	U
Isosafrole	1.5	U	1.5	NC	50	U
Methapyrilene	1.0	U	1.0	NC	100	U
3-Methylcholanthrene	0.53	U	0.53	NC	50	U
Methyl methanesulfonate	1.1	U	1.1	NC	50	U
2-Methylphenol	2.2	U	2.2	NC	33	U
3 & 4 Methylphenol	2.3	U	2.3	NC	27	U
1,4-Naphthoquinone	1.0	U	1.0	NC	50	U
1-Naphthylamine	0.80	U	0.80	NC	50	U
2-Naphthylamine	0.95	U	0.95	NC	50	U
2-Nitroaniline	1.3	U	1.3	NC	49	U
3-Nitroaniline	1.1	U	1.1	NC	57	U
4-Nitroaniline	1.3	U	1.3	NC	39	U
Nitrobenzene	1.8	U	1.8	NC	21	U
2-Nitrophenol	1.1	U	1.1	NC	24	U
4-Nitrophenol	5.9	U	5.9	NC	44	U
N-Nitro-o-toluidine	0.85	U	0.86	NC	50	U
N-Nitrosodiethylamine	1.4	U	1.4	NC	50	U
N-Nitrosodimethylamine	2.3	U	2.3	NC	31	U
N-Nitrosodi-n-butylamine	1.4	U	1.4	NC	50	U
N-Nitrosodi-n-propylamine	1.8	U	1.8	NC	30	U
N-Nitrosodiphenylamine	1.5	U	1.5	NC	25	U
N-Nitrosomethylethylamine	1.5	U	1.5	NC	50	U
N-Nitrosopiperidine	0.82	U	0.83	NC	50	U
N-Nitrosopyrrolidine	1.1	U	1.1	NC	50	U
p-Dimethylamino azobenzene	0.64	U	0.64	NC	50	U
Pentachlorobenzene	0.94	U	0.94	NC	50	U
Pentachloronitrobenzene	1.4	U	1.4	NC	50	U
Pentachlorophenol	1.4	U	1.4	NC	33	U
Phenacetin	0.80	U	0.80	NC	50	U
Phenol	2.3	U	2.3	NC	36	U
p-Phenylene diamine	2.9	U	3.0	NC	100	U
Pronamide	0.66	U	0.67	NC	50	U
Safrole, Total	1.1	U	1.1	NC	50	U
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	NC	50	U
2,3,4,6-Tetrachlorophenol	0.62	U	0.62	NC	31	U
2-Toluidine	1.1	U	1.1	NC	50	U
1,2,4-Trichlorobenzene	1.1	U	1.1	NC	28	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Duplicate - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: 660-33082-M-1-A DU

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL28019.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1050 mL

Date Analyzed: 12/28/2009 2048

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
2,4,5-Trichlorophenol	2.0	U	2.0	NC	28	U
2,4,6-Trichlorophenol	1.8	U	1.8	NC	22	U
1,3,5-Trinitrobenzene	0.58	U	0.58	NC	50	U

Surrogate	% Rec		Acceptance Limits			
2-Fluorobiphenyl	63		36 - 124			
2-Fluorophenol	39		29 - 121			
Nitrobenzene-d5	61		34 - 130			
Phenol-d5	37		25 - 128			
Terphenyl-d14	33		14 - 148			
2,4,6-Tribromophenol	47		29 - 143			

Duplicate - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: 660-33082-M-1-A

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL30017.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1050 mL

Date Analyzed: 12/30/2009 1407

Run Type: RA2

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
o,o',o"-Triethylphosphorothioate	1.7	U	1.7	NC	50	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88837

Method: 8270C/LL_PAH
Preparation: 3520C

Lab Sample ID: MB 660-88837/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 0959
Date Prepared: 12/23/2009 1322

Analysis Batch: 660-88943
Prep Batch: 660-88837
Units: ug/L

Instrument ID: HP6890/5973
Lab File ID: 1AL28007.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Acenaphthene	0.50	U	0.50	2.0
Acenaphthylene	0.25	U	0.25	1.0
Anthracene	0.076	U	0.076	0.20
Benzo[a]anthracene	0.050	U	0.050	0.20
Benzo[a]pyrene	0.057	U	0.057	0.20
Benzo[b]fluoranthene	0.050	U	0.050	0.20
Benzo[g,h,i]perylene	0.10	U	0.10	0.50
Benzo[k]fluoranthene	0.057	U	0.057	0.20
Chrysene	0.069	U	0.069	0.20
Dibenz(a,h)anthracene	0.050	U	0.050	0.20
Fluoranthene	0.054	U	0.054	0.50
Fluorene	0.50	U	0.50	2.0
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.20
2-Methylnaphthalene	0.50	U	0.50	2.0
1-Methylnaphthalene	0.50	U	0.50	2.0
Naphthalene	0.25	U	0.25	2.0
Phenanthrene	0.20	U	0.20	0.50
Pyrene	0.089	U	0.089	0.50
Surrogate	% Rec	Acceptance Limits		
o-Terphenyl	90	30 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Control Sample - Batch: 660-88837

Method: 8270C/LL_PAH

Preparation: 3520C

Lab Sample ID: LCS 660-88837/2-A

Analysis Batch: 660-88943

Instrument ID: HP6890/5973

Client Matrix: Water

Prep Batch: 660-88837

Lab File ID: 1AL28015.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1000 mL

Date Analyzed: 12/28/2009 1157

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1322

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	19.6	98	55 - 132	
Acenaphthylene	20.0	16.7	84	39 - 130	
Anthracene	20.0	17.3	87	28 - 130	
Benzo[a]anthracene	20.0	16.5	82	54 - 135	
Benzo[a]pyrene	20.0	13.1	66	10 - 130	
Benzo[b]fluoranthene	20.0	12.3	61	37 - 130	
Benzo[g,h,i]perylene	20.0	8.21	41	26 - 130	
Benzo[k]fluoranthene	20.0	10.5	53	38 - 130	
Chrysene	20.0	18.1	91	56 - 141	
Dibenz(a,h)anthracene	20.0	8.40	42	13 - 130	
Fluoranthene	20.0	19.5	98	60 - 140	
Fluorene	20.0	18.4	92	55 - 140	
Indeno[1,2,3-cd]pyrene	20.0	8.09	40	21 - 130	
2-Methylnaphthalene	20.0	17.2	86	48 - 130	
1-Methylnaphthalene	20.0	18.5	92	49 - 130	
Naphthalene	20.0	17.2	86	54 - 133	
Phenanthrene	20.0	21.2	106	60 - 136	
Pyrene	20.0	19.1	96	60 - 138	
Surrogate		% Rec		Acceptance Limits	
o-Terphenyl		89		30 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike - Batch: 660-88837

Method: 8270C/LL_PAH

Preparation: 3520C

Lab Sample ID: 660-33082-O-2-A MS

Analysis Batch: 660-88943

Instrument ID: HP6890/5973

Client Matrix: Water

Prep Batch: 660-88837

Lab File ID: 1AL28014.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1060 mL

Date Analyzed: 12/28/2009 1142

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1322

Injection Volume: 1 uL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	0.47	U	18.9	12.3	65	55 - 132	
Acenaphthylene	0.24	U	18.9	10.2	54	39 - 130	
Anthracene	0.072	U	18.9	11.4	60	28 - 130	
Benzo[a]anthracene	0.047	U	18.9	8.55	45	54 - 135	J3
Benzo[a]pyrene	0.054	U	18.9	6.20	33	10 - 130	
Benzo[b]fluoranthene	0.047	U	18.9	7.12	38	37 - 130	
Benzo[g,h,i]perylene	0.095	U	18.9	3.46	18	26 - 130	J3
Benzo[k]fluoranthene	0.054	U	18.9	4.62	25	38 - 130	J3
Chrysene	0.065	U	18.9	8.52	45	56 - 141	J3
Dibenz(a,h)anthracene	0.047	U	18.9	3.63	19	13 - 130	
Fluoranthene	0.051	U	18.9	12.4	66	60 - 140	
Fluorene	0.47	U	18.9	11.4	61	55 - 140	
Indeno[1,2,3-cd]pyrene	0.047	U	18.9	4.07	22	21 - 130	
2-Methylnaphthalene	0.47	U	18.9	9.97	53	48 - 130	
1-Methylnaphthalene	0.47	U	18.9	10.7	57	49 - 130	
Naphthalene	0.24	U	18.9	9.75	52	54 - 133	J3
Phenanthrene	0.19	U	18.9	14.1	74	60 - 136	
Pyrene	0.084	U	18.9	12.4	66	60 - 138	

Surrogate	% Rec		Acceptance Limits				
o-Terphenyl	57		30 - 130				

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Duplicate - Batch: 660-88837

Method: 8270C/LL_PAH
Preparation: 3520C

Lab Sample ID: 660-33082-P-1-A DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1128
Date Prepared: 12/23/2009 1322

Analysis Batch: 660-88943
Prep Batch: 660-88837
Units: ug/L

Instrument ID: HP6890/5973
Lab File ID: 1AL28013.D
Initial Weight/Volume: 1055 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acenaphthene	0.47	U	0.47	NC	30	U
Acenaphthylene	0.24	U	0.24	NC	30	U
Anthracene	0.072	U	0.072	NC	30	U
Benzo[a]anthracene	0.047	U	0.047	NC	30	U
Benzo[a]pyrene	0.054	U	0.054	NC	30	U
Benzo[b]fluoranthene	0.047	U	0.047	NC	30	U
Benzo[g,h,i]perylene	0.094	U	0.095	NC	30	U
Benzo[k]fluoranthene	0.054	U	0.054	NC	30	U
Chrysene	0.065	U	0.065	NC	30	U
Dibenz(a,h)anthracene	0.047	U	0.047	NC	30	U
Fluoranthene	0.051	U	0.051	NC	30	U
Fluorene	0.47	U	0.47	NC	30	U
Indeno[1,2,3-cd]pyrene	0.047	U	0.047	NC	30	U
2-Methylnaphthalene	0.47	U	0.47	NC	30	U
1-Methylnaphthalene	0.47	U	0.47	NC	30	U
Naphthalene	0.24	U	0.24	NC	30	U
Phenanthrene	0.19	U	0.19	NC	30	U
Pyrene	0.084	U	0.084	NC	30	U
Surrogate	% Rec		Acceptance Limits			
o-Terphenyl	55		30 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: MB 660-88820/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1741
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U013.D
Initial Weight/Volume: 35.1456 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020
Surrogate	% Rec	Acceptance Limits		
1,1,1,2-Tetrachloroethane	86	60 - 140		

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 660-88820

Method: 8011

Preparation: 8011

LCS Lab Sample ID: LCS 660-88820/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1801
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U014.D
Initial Weight/Volume: 34.8849 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-88820/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1822
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U015.D
Initial Weight/Volume: 35.0821 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,2-Dibromo-3-Chloropropane	102	101	60 - 140	1	40		
Ethylene Dibromide	98	97	60 - 140	1	40		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: 640-25259-A-1-B MS

Analysis Batch: 660-88825

Instrument ID: HP 5890 DUAL ECD

Client Matrix: Water

Prep Batch: 660-88820

Lab File ID: 1L22U017.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 37.2010 g

Date Analyzed: 12/22/2009 1903

Final Weight/Volume: 2.0 mL

Date Prepared: 12/22/2009 1330

Injection Volume: 4 uL

Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0094	U	0.235	0.222	95	60 - 140	
Ethylene Dibromide	0.0094	U	0.235	0.204	87	60 - 140	

Duplicate - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: 660-33070-J-1-B DU

Analysis Batch: 660-88825

Instrument ID: HP 5890 DUAL ECD

Client Matrix: Water

Prep Batch: 660-88820

Lab File ID: 1L22U019.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 36.1996 mL

Date Analyzed: 12/22/2009 1944

Final Weight/Volume: 2.0 mL

Date Prepared: 12/22/2009 1330

Injection Volume: 4 uL

Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0099	U	0.0097	NC	40	U
Ethylene Dibromide	0.0099	U	0.0097	NC	40	U

Surrogate	% Rec		Acceptance Limits			
1,1,1,2-Tetrachloroethane	96		60	-	140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88813

Method: 8081A

Preparation: 3510C

Lab Sample ID: MB 660-88813/1-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/29/2009 2057

Date Prepared: 12/23/2009 0651

Analysis Batch: 660-89042

Prep Batch: 660-88813

Units: ug/L

Instrument ID: AGILENT GC ECD/ECD

Lab File ID: 1L29J025.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 10 mL

Injection Volume: 2 uL

Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
Aldrin	0.0018	U	0.0018	0.010
alpha-BHC	0.0028	U	0.0028	0.010
beta-BHC	0.0027	U	0.0027	0.010
Chlordane (technical)	0.057	U	0.057	0.50
Chlorobenzilate	0.075	U	0.075	0.50
4,4'-DDD	0.0041	U	0.0041	0.010
4,4'-DDE	0.0055	U	0.0055	0.010
4,4'-DDT	0.0032	U	0.0032	0.010
delta-BHC	0.0028	U	0.0028	0.010
Dieldrin	0.0014	U	0.0014	0.010
Endosulfan I	0.0034	U	0.0034	0.010
Endosulfan II	0.0033	U	0.0033	0.010
Endosulfan sulfate	0.0030	U	0.0030	0.010
Endrin	0.0031	U	0.0031	0.010
Endrin aldehyde	0.0032	U	0.0032	0.010
gamma-BHC (Lindane)	0.0026	U	0.0026	0.010
Heptachlor	0.0031	U	0.0031	0.010
Heptachlor epoxide	0.0031	U	0.0031	0.010
Isodrin	0.0061	U	0.0061	0.050
Kepone	0.083	U	0.083	1.0
Methoxychlor	0.0051	U	0.0051	0.010
Toxaphene	0.72	U	0.72	3.0
Surrogate	% Rec	Acceptance Limits		
DCB Decachlorobiphenyl	75	30 - 150		
Tetrachloro-m-xylene	51	30 - 150		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Control Sample - Batch: 660-88813

Method: 8081A
Preparation: 3510C

Lab Sample ID: LCS 660-88813/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 2110
Date Prepared: 12/23/2009 0651

Analysis Batch: 660-89042
Prep Batch: 660-88813
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1L29J026.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.500	0.329	66	31 - 130	
alpha-BHC	0.500	0.400	80	48 - 130	
beta-BHC	0.500	0.409	82	41 - 130	
4,4'-DDD	0.500	0.391	78	37 - 139	
4,4'-DDE	0.500	0.383	77	39 - 130	
4,4'-DDT	0.500	0.410	82	46 - 130	
delta-BHC	0.500	0.383	77	42 - 130	
Dieldrin	0.500	0.390	78	51 - 130	
Endosulfan I	0.500	0.375	75	40 - 130	
Endosulfan II	0.500	0.375	75	41 - 130	
Endosulfan sulfate	0.500	0.373	75	33 - 142	
Endrin	0.500	0.389	78	49 - 130	
Endrin aldehyde	0.500	0.367	73	34 - 132	
gamma-BHC (Lindane)	0.500	0.396	79	53 - 130	
Heptachlor	0.500	0.342	68	36 - 130	
Heptachlor epoxide	0.500	0.379	76	41 - 130	
Methoxychlor	0.500	0.402	80	45 - 130	
Surrogate		% Rec	Acceptance Limits		
DCB Decachlorobiphenyl		82	30 - 150		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike - Batch: 660-88813

Method: 8081A

Preparation: 3510C

Lab Sample ID: 660-33082-F-1-A MS

Analysis Batch: 660-89042

Instrument ID: AGILENT GC ECD/ECD

Client Matrix: Water

Prep Batch: 660-88813

Lab File ID: 1L29J031.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1050 mL

Date Analyzed: 12/29/2009 2217

Final Weight/Volume: 10 mL

Date Prepared: 12/23/2009 0651

Injection Volume: 2 uL

Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.0017	U	0.476	0.307	65	31 - 130	
alpha-BHC	0.0027	U	0.476	0.339	71	48 - 130	
beta-BHC	0.0025	U	0.476	0.352	74	41 - 130	
4,4'-DDD	0.0039	U	0.476	0.310	65	37 - 139	
4,4'-DDE	0.0052	U	0.476	0.307	64	39 - 130	
4,4'-DDT	0.0030	U	0.476	0.332	70	46 - 130	
delta-BHC	0.0026	U	0.476	0.339	71	42 - 130	
Dieldrin	0.0013	U	0.476	0.318	67	51 - 130	
Endosulfan I	0.0033	U	0.476	0.308	65	40 - 130	
Endosulfan II	0.0031	U	0.476	0.303	64	41 - 130	
Endosulfan sulfate	0.0028	U	0.476	0.309	65	33 - 142	
Endrin	0.0030	U	0.476	0.329	69	49 - 130	
Endrin aldehyde	0.0030	U	0.476	0.299	63	34 - 132	
gamma-BHC (Lindane)	0.0025	U	0.476	0.336	71	53 - 130	
Heptachlor	0.0029	U	0.476	0.313	66	36 - 130	
Heptachlor epoxide	0.0030	U	0.476	0.311	65	41 - 130	
Methoxychlor	0.0048	U	0.476	0.320	67	45 - 130	
Surrogate	% Rec		Acceptance Limits				
DCB Decachlorobiphenyl	49		30 - 150				

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Duplicate - Batch: 660-88813

Method: 8081A

Preparation: 3510C

Lab Sample ID: 660-33082-E-2-A DU

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/29/2009 2231

Date Prepared: 12/23/2009 0651

Analysis Batch: 660-89042

Prep Batch: 660-88813

Units: ug/L

Instrument ID: AGILENT GC ECD/ECD

Lab File ID: 1L29J032.D

Initial Weight/Volume: 1055 mL

Final Weight/Volume: 10 mL

Injection Volume: 2 uL

Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aldrin	0.0017	U	0.0017	NC	25	U
alpha-BHC	0.0027	U	0.0027	NC	30	U
beta-BHC	0.0025	U	0.0025	NC	35	U
Chlordane (technical)	0.054	U	0.054	NC	30	U
Chlorobenzilate	0.071	U	0.071	NC	40	U
4,4'-DDD	0.0039	U	0.0039	NC	39	U
4,4'-DDE	0.0052	U	0.0052	NC	18	U
4,4'-DDT	0.0030	U	0.0030	NC	27	U
delta-BHC	0.0026	U	0.0026	NC	41	U
Dieldrin	0.0013	U	0.0013	NC	42	U
Endosulfan I	0.0032	U	0.0032	NC	24	U
Endosulfan II	0.0031	U	0.0031	NC	22	U
Endosulfan sulfate	0.0028	U	0.0028	NC	28	U
Endrin	0.0030	U	0.0030	NC	25	U
Endrin aldehyde	0.0030	U	0.0030	NC	34	U
gamma-BHC (Lindane)	0.0025	U	0.0025	NC	26	U
Heptachlor	0.0029	U	0.0029	NC	26	U
Heptachlor epoxide	0.0030	U	0.0030	NC	31	U
Isodrin	0.0058	U	0.0058	NC	40	U
Kepone	0.079	U	0.079	NC	50	U
Methoxychlor	0.0048	U	0.0048	NC	43	U
Toxaphene	0.68	U	0.68	NC	30	U

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	49	30 - 150
Tetrachloro-m-xylene	69	30 - 150

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88813

Method: 8082

Preparation: 3510C

Lab Sample ID: MB 660-88813/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1325
Date Prepared: 12/23/2009 0651

Analysis Batch: 660-88976
Prep Batch: 660-88813
Units: ug/L

Instrument ID: Agilent 6890 ECD/ECD
Lab File ID: 1L24K018.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
PCB-1016	0.26	U	0.26	0.50
PCB-1221	0.15	U	0.15	0.50
PCB-1232	0.38	U	0.38	0.50
PCB-1242	0.23	U	0.23	0.50
PCB-1248	0.13	U	0.13	0.50
PCB-1254	0.12	U	0.12	0.50
PCB-1260	0.32	U	0.32	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	80	30 - 150
Tetrachloro-m-xylene	59	30 - 150

Lab Control Sample - Batch: 660-88813

Method: 8082

Preparation: 3510C

Lab Sample ID: LCS 660-88813/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1342
Date Prepared: 12/23/2009 0651

Analysis Batch: 660-88976
Prep Batch: 660-88813
Units: ug/L

Instrument ID: Agilent 6890 ECD/ECD
Lab File ID: 1L24K019.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	4.27	85	34 - 130	
PCB-1260	5.00	4.43	89	54 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike - Batch: 660-88813

Method: 8082

Preparation: 3510C

Lab Sample ID: 660-33084-1
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 12/28/2009 1636
Date Prepared: 12/23/2009 0651

Analysis Batch: 660-88976
Prep Batch: 660-88813
Units: ug/L

Instrument ID: Agilent 6890 ECD/ECD
Lab File ID: 1L28K021.D
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	1.0	U	4.81	3.65	76	34 - 130	
PCB-1260	1.2	U	4.81	2.46	51	54 - 130	J3

Duplicate - Batch: 660-88813

Method: 8082

Preparation: 3510C

Lab Sample ID: 660-33082-E-3-A DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1524
Date Prepared: 12/23/2009 0651

Analysis Batch: 660-88976
Prep Batch: 660-88813
Units: ug/L

Instrument ID: Agilent 6890 ECD/ECD
Lab File ID: 1L24K025.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
PCB-1016	0.25	U	0.25	NC	34	U
PCB-1221	0.14	U	0.14	NC	110	U
PCB-1232	0.36	U	0.36	NC	86	U
PCB-1242	0.22	U	0.22	NC	74	U
PCB-1248	0.12	U	0.12	NC	30	U
PCB-1254	0.11	U	0.11	NC	39	U
PCB-1260	0.30	U	0.30	NC	34	U

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	55	30 - 150
Tetrachloro-m-xylene	72	30 - 150

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88839

Method: 8141A
Preparation: 3520C

Lab Sample ID: MB 660-88839/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1217
Date Prepared: 12/23/2009 1331

Analysis Batch: 660-89037
Prep Batch: 660-88839
Units: ug/L

Instrument ID: HP 6890 NPD/NPD
Lab File ID: 1L29R053.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
Dimethoate	0.060	U	0.060	1.0
Disulfoton	0.090	U	0.090	1.0
Famphur	0.25	U	0.25	1.0
Methyl parathion	0.055	U	0.055	0.25
Parathion	0.12	U	0.12	0.50
Thionazin	0.12	U	0.12	0.50
Phorate	0.10	U	0.10	0.50
Surrogate	% Rec	Acceptance Limits		
Triphenylphosphate	112	16 - 164		

Lab Control Sample - Batch: 660-88839

Method: 8141A
Preparation: 3520C

Lab Sample ID: LCS 660-88839/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1242
Date Prepared: 12/23/2009 1331

Analysis Batch: 660-89037
Prep Batch: 660-88839
Units: ug/L

Instrument ID: HP 6890 NPD/NPD
Lab File ID: 1L29R054.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dimethoate	5.00	3.85	77	14 - 130	
Disulfoton	5.00	2.85	57	42 - 130	
Methyl parathion	5.00	4.37	87	38 - 149	
Parathion	5.00	3.59	72	28 - 155	
Phorate	5.00	3.28	66	28 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike - Batch: 660-88839

Method: 8141A
Preparation: 3520C

Lab Sample ID: 660-33082-I-2-A MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1422
Date Prepared: 12/23/2009 1331

Analysis Batch: 660-89037
Prep Batch: 660-88839
Units: ug/L

Instrument ID: HP 6890 NPD/NPD
Lab File ID: 1L29R058.D
Initial Weight/Volume: 1055 mL
Final Weight/Volume: 1 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Dimethoate	0.057	U	4.74	3.31	70	14 - 130	
Disulfoton	0.085	U	4.74	2.70	57	42 - 130	
Methyl parathion	0.052	U	4.74	4.14	87	38 - 149	
Parathion	0.12	U	4.74	3.48	73	28 - 155	
Phorate	0.094	U	4.74	2.78	59	28 - 130	

Duplicate - Batch: 660-88839

Method: 8141A
Preparation: 3520C

Lab Sample ID: 660-33082-J-1-A DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1332
Date Prepared: 12/23/2009 1331

Analysis Batch: 660-89037
Prep Batch: 660-88839
Units: ug/L

Instrument ID: HP 6890 NPD/NPD
Lab File ID: 1L29R056.D
Initial Weight/Volume: 1055 mL
Final Weight/Volume: 1 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Dimethoate	0.057	U	0.057	NC	40	U
Disulfoton	0.085	U	0.085	NC	66	U
Famphur	0.24	U	0.24	NC	60	U
Methyl parathion	0.052	U	0.052	NC	40	U
Parathion	0.12	U	0.12	NC	34	U
Thionazin	0.12	U	0.12	NC	60	U
Phorate	0.095	U	0.095	NC	40	U
Surrogate	% Rec		Acceptance Limits			
Triphenylphosphate	50		16 - 164			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88914

Method: 8151A

Preparation: 8151A

Lab Sample ID: MB 660-88914/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/01/2010 0157
Date Prepared: 12/28/2009 1152

Analysis Batch: 660-89100
Prep Batch: 660-88914
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1L31J033.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
2,4-D	1.0	U	1.0	5.0
2,4,5-T	1.0	U	1.0	5.0
Silvex (2,4,5-TP)	1.0	U	1.0	5.0
Dinoseb	1.0	U	1.0	6.0
Surrogate	% Rec	Acceptance Limits		
2,4-Dichlorophenylacetic acid	83	33 - 120		

Lab Control Sample - Batch: 660-88914

Method: 8151A

Preparation: 8151A

Lab Sample ID: LCS 660-88914/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/01/2010 0216
Date Prepared: 12/28/2009 1152

Analysis Batch: 660-89100
Prep Batch: 660-88914
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1L31J034.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4-D	2.50	2.19	88	60 - 130	I
2,4,5-T	2.50	2.36	94	50 - 130	I
Silvex (2,4,5-TP)	2.50	2.16	86	33 - 130	I
Dinoseb	2.50	1.20	48	10 - 130	I

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-88914

Method: 8151A

Preparation: 8151A

MS Lab Sample ID: 660-33082-I-3-A MS Analysis Batch: 660-89100
Client Matrix: Water Prep Batch: 660-88914
Dilution: 1.0
Date Analyzed: 01/01/2010 0324
Date Prepared: 12/28/2009 1152

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1L31J038.D
Initial Weight/Volume: 1055 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

MSD Lab Sample ID: 660-33082-L-3-A MSD Analysis Batch: 660-89100
Client Matrix: Water Prep Batch: 660-88914
Dilution: 1.0
Date Analyzed: 01/01/2010 0342
Date Prepared: 12/28/2009 1152

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1L31J039.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2,4-D	82	76	60 - 130	7	78		
2,4,5-T	93	90	50 - 130	3	48		
Silvex (2,4,5-TP)	81	81	33 - 130	0	66		
Dinoseb	60	62	10 - 130	4	115		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 680-157391

Lab Sample ID: MB 680-157391/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 0854
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391
Units: mg/L

Method: 6020A Preparation: 3005A Total Recoverable

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.25	U	0.25	0.50

Method Blank - Batch: 680-157391

Lab Sample ID: MB 680-157391/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 0854
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391
Units: ug/L

Method: 6020A Preparation: 3005A Total Recoverable

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	1.3	U	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	33	U	33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20
Tin	1.3	U	1.3	5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Lab Control Sample - Batch: 680-157391

Method: 6020A

Preparation: 3005A

Total Recoverable

Lab Sample ID: LCS 680-157391/12-A

Analysis Batch: 680-157501

Instrument ID: ICP MS - B

Client Matrix: Water

Prep Batch: 680-157391

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/31/2009 1127

Final Weight/Volume: 250 mL

Date Prepared: 12/30/2009 1123

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	5.00	4.80	96	75 - 125	

Lab Control Sample - Batch: 680-157391

Method: 6020A

Preparation: 3005A

Total Recoverable

Lab Sample ID: LCS 680-157391/12-A

Analysis Batch: 680-157501

Instrument ID: ICP MS - B

Client Matrix: Water

Prep Batch: 680-157391

Lab File ID: N/A

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/31/2009 1127

Final Weight/Volume: 250 mL

Date Prepared: 12/30/2009 1123

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	46.8	94	75 - 125	
Arsenic	100	96.4	96	75 - 125	
Barium	100	94.7	95	75 - 125	
Beryllium	50.0	46.1	92	75 - 125	
Cadmium	50.0	48.1	96	75 - 125	
Chromium	100	89.1	89	75 - 125	
Cobalt	50.0	45.7	91	75 - 125	
Copper	100	91.2	91	75 - 125	
Iron	5000	4760	95	75 - 125	
Lead	50.0	47.7	95	75 - 125	
Nickel	100	89.6	90	75 - 125	
Selenium	100	93.5	94	75 - 125	
Silver	50.0	47.6	95	75 - 125	
Thallium	40.0	38.7	97	75 - 125	
Vanadium	100	91.8	92	75 - 125	
Zinc	100	98.0	98	75 - 125	
Tin	100	91.5	92	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-157391**

**Method: 6020A
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 660-33082-D-1-C MS Analysis Batch: 680-157501
Client Matrix: Water Prep Batch: 680-157391
Dilution: 1.0
Date Analyzed: 12/31/2009 0959
Date Prepared: 12/30/2009 1123

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 660-33082-D-1-D MSD Analysis Batch: 680-157501
Client Matrix: Water Prep Batch: 680-157391
Dilution: 1.0
Date Analyzed: 12/31/2009 1022
Date Prepared: 12/30/2009 1123

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	120	122	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-157391

Method: 6020A

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 660-33082-D-1-C MS Analysis Batch: 680-157501
Client Matrix: Water Prep Batch: 680-157391
Dilution: 1.0
Date Analyzed: 12/31/2009 0959
Date Prepared: 12/30/2009 1123

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 660-33082-D-1-D MSD Analysis Batch: 680-157501
Client Matrix: Water Prep Batch: 680-157391
Dilution: 1.0
Date Analyzed: 12/31/2009 1022
Date Prepared: 12/30/2009 1123

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Antimony	118	117	75 - 125	1	20		
Arsenic	123	121	75 - 125	2	20		
Barium	120	120	75 - 125	0	20		
Beryllium	118	117	75 - 125	1	20		
Cadmium	121	119	75 - 125	2	20		
Chromium	115	113	75 - 125	2	20		
Cobalt	115	114	75 - 125	1	20		
Copper	117	115	75 - 125	2	20		
Iron	122	122	75 - 125	0	20		
Lead	121	119	75 - 125	1	20		
Nickel	116	114	75 - 125	2	20		
Selenium	120	120	75 - 125	1	20		
Silver	119	118	75 - 125	1	20		
Thallium	123	122	75 - 125	1	20		
Vanadium	118	115	75 - 125	2	20		
Zinc	121	120	75 - 125	1	20		
Tin	116	114	75 - 125	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 680-157275

Method: 7470A

Preparation: 7470A

Lab Sample ID: MB 680-157275/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1352
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.091	U	0.091	0.20

Lab Control Sample - Batch: 680-157275

Method: 7470A

Preparation: 7470A

Lab Sample ID: LCS 680-157275/17-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1355
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.37	95	80 - 120	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-157275

Method: 7470A

Preparation: 7470A

MS Lab Sample ID: 660-33081-G-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1402
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-33081-G-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1405
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	97	96	80 - 120	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88903

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-88903/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1305
Date Prepared: N/A

Analysis Batch: 660-88903
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-88903

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-88903/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1323
Date Prepared: N/A

Analysis Batch: 660-88903
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.4	104	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88903

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-33083-G-1 MS ^2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/24/2009 1415
Date Prepared: N/A

Analysis Batch: 660-88903
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 660-33083-G-1 MSD ^2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/24/2009 1433
Date Prepared: N/A

Analysis Batch: 660-88903
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	102	102	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88985

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-88985/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1324
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Ammonia (as N)	0.010	U	0.010	0.020

Lab Control Sample - Batch: 660-88985

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-88985/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1326
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.498	100	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-88985

Method: 350.1

Preparation: N/A

MS Lab Sample ID: 660-33082-B-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1328
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-33082-B-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1329
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia (as N)	87	89	90 - 110	2	30	J3	J3

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-88985

Method: 350.1

Preparation: N/A

MS Lab Sample ID: 660-33104-E-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1344
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-33104-E-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1346
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia (as N)	101	95	90 - 110	6	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88822

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-88822/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrite as N	0.10	U	0.10	0.50
Nitrite as N	0.10	U	0.10	0.50
Nitrate as N	0.10	U	0.10	0.50

Lab Control Sample - Batch: 660-88822

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-88822/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.994	99	90 - 110	
Nitrite as N	1.00	0.949	95	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-88822

Method: 353.2

Preparation: N/A

MS Lab Sample ID: 660-33082-R-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-33082-R-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	106	102	90 - 110	2	30		
Nitrite as N	104	106	90 - 110	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88915

Method: SM 2320B

Preparation: N/A

Lab Sample ID: MB 660-88915/3

Analysis Batch: 660-88915

Instrument ID: Titrator Instrument

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/28/2009 1109

Final Weight/Volume: 1.0 mL

Date Prepared: N/A

Analyte	Result	Qual	PQL	PQL
Bicarbonate Alkalinity as CaCO ₃	1.0	U	1.0	1.0

Duplicate - Batch: 660-88915

Method: SM 2320B

Preparation: N/A

Lab Sample ID: 660-33095-G-2 DU

Analysis Batch: 660-88915

Instrument ID: Titrator Instrument

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/28/2009 1129

Final Weight/Volume: 1.0 mL

Date Prepared: N/A

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Bicarbonate Alkalinity as CaCO ₃	170	173	1	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88858

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-88858/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 0741
Date Prepared: N/A

Analysis Batch: 660-88858
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	PQL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Lab Control Sample - Batch: 660-88858

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-88858/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 0741
Date Prepared: N/A

Analysis Batch: 660-88858
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9890	99	80 - 120	

Duplicate - Batch: 660-88858

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-33098-D-2 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 0741
Date Prepared: N/A

Analysis Batch: 660-88858
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	1000	1020	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88891

Method: SM 4500 CN E
Preparation: SM 4500 CN C

Lab Sample ID: MB 660-88891/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1540
Date Prepared: 12/24/2009 1030

Analysis Batch: 660-88892
Prep Batch: 660-88891
Units: mg/L

Instrument ID: HACH 2500 Spec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 6 mL

Analyte	Result	Qual	MDL	PQL
Cyanide, Total	0.0050	U	0.0050	0.010

Lab Control Sample - Batch: 660-88891

Method: SM 4500 CN E
Preparation: SM 4500 CN C

Lab Sample ID: LCS 660-88891/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1540
Date Prepared: 12/24/2009 1030

Analysis Batch: 660-88892
Prep Batch: 660-88891
Units: mg/L

Instrument ID: HACH 2500 Spec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 6 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.0500	0.0508	102	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88891

Method: SM 4500 CN E
Preparation: SM 4500 CN C

MS Lab Sample ID: 660-33082-S-2-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1540
Date Prepared: 12/24/2009 1030

Analysis Batch: 660-88892
Prep Batch: 660-88891

Instrument ID: HACH 2500 Spec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 6 mL

MSD Lab Sample ID: 660-33082-S-2-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1540
Date Prepared: 12/24/2009 1030

Analysis Batch: 660-88892
Prep Batch: 660-88891

Instrument ID: HACH 2500 Spec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 6 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Cyanide, Total	99	94	80 - 120	5	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Method Blank - Batch: 660-88887

Method: SM 4500 S2 F
Preparation: N/A

Lab Sample ID: MB 660-88887/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1600
Date Prepared: N/A

Analysis Batch: 660-88887
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	PQL	PQL
Sulfide	1.0	U	1.0	1.0

Lab Control Sample/ Lab Control Sample Duplicate Recovery Report - Batch: 660-88887

Method: SM 4500 S2 F
Preparation: N/A

LCS Lab Sample ID: LCS 660-88887/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1600
Date Prepared: N/A

Analysis Batch: 660-88887
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 250 mL

LCSD Lab Sample ID: LCSD 660-88887/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1600
Date Prepared: N/A

Analysis Batch: 660-88887
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Sulfide	99	98	75 - 125	1	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

06732

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TAL8240-660 (1207)

JOB NUMBER: 660-33084 Logged in TALS By: _____Cooler Received on (date) 12-4-09 And Opened By (full name): Charles VOIZ1. Shipper (circle one) FEDEX UPS DHL WALK-IN COURIER OTHER: _____

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 2.3°C 07 Degrees Celsius4. Number of H₂SO₄ (sulfuric acid) preserved containers: 1All containers pH < 2? NO If not please comment below:pH = 6

5. Number of HCL (hydrochloric acid) preserved containers: _____

All containers pH < 2? _____ If not please comment below:

6. Number of HNO₃ (nitric acid) preserved containers: 2All containers pH < 2? NO If not please comment below:pH = 67. Number of NaOH (sodium hydroxide) preserved containers: 2All containers pH > 12? NO If not please comment below:pH = 108. Number of Unpreserved containers: 14All containers pH between 6 and 8? yes If not please comment below:9. Was chlorine present in any of the unpreserved containers? 14If yes, which samples? NO

Login Sample Receipt Check List

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Login Number: 33084
Creator: Volz, Charles
List Number: 1

List Source: TestAmerica Tampa

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	2.3 Degrees C. CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Analysis Not Filled Out On COC Used Bottle Order For Login.
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	
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	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33084-1

Login Number: 33084

Creator: Conner, Keaton

List Number: 1

List Source: TestAmerica Savannah

List Creation: 12/23/09 08:58 AM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	
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	
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	False	
Sample Preservation Verified	True	

ANALYTICAL REPORT

Job Number: 660-33083-1

Job Description: DeSoto County Landfill MW Wells

For:

EnviroSouth Technologies, Inc.
4330 Maine Avenue
Lakeland, FL 33801

Attention: David M Poe



Approved for release.
Nancy Robertson
Project Manager II
1/18/2010 4:05 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
01/18/2010

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Savannah E87052

These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

TestAmerica Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634

Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



Job Narrative
660-33083-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method(s) 300.0: The matrix spike (MS) recovery for batch 88818 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 88985 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-33083-1 MW-AR					
Field pH		5.98		SU	Field Sampling
Field Temperature		24.5		Degrees C	Field Sampling
Oxygen, Dissolved		1.12		mg/L	Field Sampling
Specific Conductance		1154		umhos/cm	Field Sampling
Turbidity		4		NTU	Field Sampling
Chloride		16	0.50	mg/L	300.0
Ammonia (as N)		5.8	0.040	mg/L	350.1
Total Dissolved Solids		920	5.0	mg/L	SM 2540C
Total Recoverable					
Arsenic		2.1	2.5	ug/L	6020A
Barium		18	5.0	ug/L	6020A
Cadmium		0.096	0.50	ug/L	6020A
Chromium		3.2	5.0	ug/L	6020A
Cobalt		0.94	0.50	ug/L	6020A
Iron		840	100	ug/L	6020A
Silver		0.38	1.0	ug/L	6020A
Sodium		30	0.50	mg/L	6020A
Vanadium		5.3	10	ug/L	6020A
660-33083-2 MW-BA					
Chlorobenzene		4.4	1.0	ug/L	8260B
Field pH		4.93		SU	Field Sampling
Field Temperature		24.8		Degrees C	Field Sampling
Oxygen, Dissolved		0.1		mg/L	Field Sampling
Specific Conductance		217		umhos/cm	Field Sampling
Turbidity		4		NTU	Field Sampling
Chloride		47	0.50	mg/L	300.0
Ammonia (as N)		1.9	0.020	mg/L	350.1
Total Dissolved Solids		130	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		3.2	5.0	ug/L	6020A
Iron		1500	100	ug/L	6020A
Silver		0.30	1.0	ug/L	6020A
Sodium		49	0.50	mg/L	6020A
Vanadium		5.4	10	ug/L	6020A

EXECUTIVE SUMMARY - Detections

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-33083-3	MW-11				
Benzene		1.7	1.0	ug/L	8260B
Chlorobenzene		2.5	1.0	ug/L	8260B
Field pH		5.08		SU	Field Sampling
Field Temperature		22.4		Degrees C	Field Sampling
Oxygen, Dissolved		0.26		mg/L	Field Sampling
Specific Conductance		305		umhos/cm	Field Sampling
Turbidity		6		NTU	Field Sampling
Chloride		58	0.50	mg/L	300.0
Ammonia (as N)		7.8	0.10	mg/L	350.1
Total Dissolved Solids		140	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		1.9	5.0	ug/L	6020A
Cadmium		0.24	0.50	ug/L	6020A
Chromium		7.3	5.0	ug/L	6020A
Iron		1200	100	ug/L	6020A
Sodium		52	0.50	mg/L	6020A
Vanadium		11	10	ug/L	6020A

METHOD SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
EDB, DBCP, and 1,2,3-TCP (GC)	TAL TAM	SW846 8011	
Microextraction	TAL TAM		SW846 8011
Metals (ICP/MS)	TAL SAV	SW846 6020A	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
Mercury (CVAA)	TAL SAV	SW846 7470A	
Preparation, Mercury	TAL SAV		SW846 7470A
Chloride	TAL TAM	40CFR136A 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrate	TAL TAM	MCAWW 353.2	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAM = TestAmerica Tampa

Method References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

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

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

METHOD / ANALYST SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method	Analyst	Analyst ID
SW846 8260B	Campbell, Ed	EC
SW846 8011	Ballard, James	JB
SW846 6020A	Boyuk, Brian	BB
SW846 7470A	Robertson, Bryn	BR
EPA Field Sampling	McNulty, Carol	CM
40CFR136A 300.0	Cerome, Saurel	SC
MCAWW 350.1	Steward, Tiffany	TS
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2540C	Oonnoony, Thomas	TO

SAMPLE SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-33083-1	MW-AR	Water	12/21/2009 1020	12/21/2009 1622
660-33083-2	MW-Ba	Water	12/21/2009 1129	12/21/2009 1622
660-33083-3	MW-11	Water	12/21/2009 1212	12/21/2009 1622

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-AR

Lab Sample ID: 660-33083-1

Client Matrix: Water

Date Sampled: 12/21/2009 1020

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88897	Instrument ID:	BVME5973
Preparation:	5030B		Lab File ID:	1EL2720.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1555		Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1555			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-AR

Lab Sample ID: 660-33083-1

Client Matrix: Water

Date Sampled: 12/21/2009 1020

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88897

Instrument ID: BVME5973

Preparation: 5030B

Lab File ID: 1EL2720.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1555

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1555

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-Ba

Lab Sample ID: 660-33083-2

Date Sampled: 12/21/2009 1129

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88897

Instrument ID: BVME5973

Preparation: 5030B

Lab File ID: 1EL2721.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1615

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1615

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	4.4	U	0.63	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-Ba

Lab Sample ID: 660-33083-2

Date Sampled: 12/21/2009 1129

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88897

Instrument ID: BVME5973

Preparation: 5030B

Lab File ID: 1EL2721.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1615

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1615

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-11

Lab Sample ID: 660-33083-3

Client Matrix: Water

Date Sampled: 12/21/2009 1212

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88897	Instrument ID:	BVME5973
Preparation:	5030B		Lab File ID:	1EL2722.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1634		Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1634			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	1.7		0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	2.5		0.63	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-11

Lab Sample ID: 660-33083-3

Date Sampled: 12/21/2009 1212

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88897

Instrument ID: BVME5973

Preparation: 5030B

Lab File ID: 1EL2722.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1634

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1634

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	96		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-AR

Lab Sample ID: 660-33083-1

Date Sampled: 12/21/2009 1020

Client Matrix: Water

Date Received: 12/21/2009 1622

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-88825	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-88820	Initial Weight/Volume:	35.0942 g
Dilution:	1.0			Final Weight/Volume:	2.0 mL
Date Analyzed:	12/22/2009 2147			Injection Volume:	4 uL
Date Prepared:	12/22/2009 1330			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	96		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-Ba

Lab Sample ID: 660-33083-2

Date Sampled: 12/21/2009 1129

Client Matrix: Water

Date Received: 12/21/2009 1622

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch: 660-88825	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-88820	Initial Weight/Volume:	36.2818 g
Dilution:	1.0		Final Weight/Volume:	2.0 mL
Date Analyzed:	12/22/2009 2207		Injection Volume:	4 uL
Date Prepared:	12/22/2009 1330		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0096	U	0.0096	0.019
Ethylene Dibromide	0.0096	U	0.0096	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	94		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-11

Lab Sample ID: 660-33083-3

Date Sampled: 12/21/2009 1212

Client Matrix: Water

Date Received: 12/21/2009 1622

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch: 660-88825	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-88820	Initial Weight/Volume:	34.9225 g
Dilution:	1.0		Final Weight/Volume:	2.0 mL
Date Analyzed:	12/22/2009 2228		Injection Volume:	4 uL
Date Prepared:	12/22/2009 1330		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	101		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-AR

Lab Sample ID: 660-33083-1

Date Sampled: 12/21/2009 1020

Client Matrix: Water

Date Received: 12/21/2009 1622

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 0909		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	30		0.25	0.50

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 0909		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	2.1	I	1.3	2.5
Barium	18		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.096	I	0.095	0.50
Chromium	3.2	I	2.5	5.0
Cobalt	0.94		0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	840		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.38	I	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	5.3	I	3.8	10
Zinc	8.3	U	8.3	20

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-157533	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-157275	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1417		Final Weight/Volume:	50 mL
Date Prepared:	12/29/2009 1024			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-Ba

Lab Sample ID: 660-33083-2

Date Sampled: 12/21/2009 1129

Client Matrix: Water

Date Received: 12/21/2009 1622

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch:	680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch:	680-157391	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 0916			Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	49		0.25	0.50

Method:	6020A	Analysis Batch:	680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch:	680-157391	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 0916			Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	1.3	U	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	3.2	I	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	1500		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.30	I	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	5.4	I	3.8	10
Zinc	8.3	U	8.3	20

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch:	680-157533	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch:	680-157275	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1425			Final Weight/Volume:	50 mL
Date Prepared:	12/29/2009 1024				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Client Sample ID: MW-11

Lab Sample ID: 660-33083-3

Date Sampled: 12/21/2009 1212

Client Matrix: Water

Date Received: 12/21/2009 1622

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 0923		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	52		0.25	0.50

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 0923		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	1.9	I	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.24	I	0.095	0.50
Chromium	7.3		2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	1200		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	11		3.8	10
Zinc	8.3	U	8.3	20

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-157533	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-157275	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1429		Final Weight/Volume:	50 mL
Date Prepared:	12/29/2009 1024			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

General Chemistry

Client Sample ID: MW-AR

Lab Sample ID: 660-33083-1

Date Sampled: 12/21/2009 1020

Client Matrix: Water

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	16		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-88903 Date Analyzed: 12/24/2009 1358							
Ammonia (as N)	5.8		mg/L	0.020	0.040	2.0	350.1
Analysis Batch: 660-88985 Date Analyzed: 12/29/2009 1400							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-88822 Date Analyzed: 12/23/2009 0818							
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	920		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 660-88821 Date Analyzed: 12/23/2009 1003							

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

General Chemistry

Client Sample ID: MW-Ba

Lab Sample ID: 660-33083-2

Date Sampled: 12/21/2009 1129

Client Matrix: Water

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	47		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-88903 Date Analyzed: 12/24/2009 1450							
Ammonia (as N)	1.9		mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-88985 Date Analyzed: 12/29/2009 1334							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-88822 Date Analyzed: 12/23/2009 0818							
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	130		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 660-88821 Date Analyzed: 12/23/2009 1003							

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

General Chemistry

Client Sample ID: MW-11

Lab Sample ID: 660-33083-3

Client Matrix: Water

Date Sampled: 12/21/2009 1212

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	58		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-88818 Date Analyzed: 12/22/2009 2325							
Ammonia (as N)	7.8		mg/L	0.050	0.10	5.0	350.1
Analysis Batch: 660-88985 Date Analyzed: 12/29/2009 1350							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-88822 Date Analyzed: 12/23/2009 0818							
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	140		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 660-88858 Date Analyzed: 12/24/2009 0741							

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Field Service / Mobile Lab

Client Sample ID: MW-AR

Lab Sample ID: 660-33083-1

Date Sampled: 12/21/2009 1020

Client Matrix: Water

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	5.98		SU	1.0	Field Sampling	660-88971	12/21/2009 1020
Field Temperature	24.5		Degrees C	1.0	Field Sampling	660-88971	12/21/2009 1020
Oxygen, Dissolved	1.12		mg/L	1.0	Field Sampling	660-88971	12/21/2009 1020
Specific Conductance	1154		umhos/cm	1.0	Field Sampling	660-88971	12/21/2009 1020
Turbidity	4		NTU	1.0	Field Sampling	660-88971	12/21/2009 1020

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Field Service / Mobile Lab

Client Sample ID: MW-Ba

Lab Sample ID: 660-33083-2

Date Sampled: 12/21/2009 1129

Client Matrix: Water

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	4.93		SU	1.0	Field Sampling	660-88971	12/21/2009 1129
Field Temperature	24.8		Degrees C	1.0	Field Sampling	660-88971	12/21/2009 1129
Oxygen, Dissolved	0.1		mg/L	1.0	Field Sampling	660-88971	12/21/2009 1129
Specific Conductance	217		umhos/cm	1.0	Field Sampling	660-88971	12/21/2009 1129
Turbidity	4		NTU	1.0	Field Sampling	660-88971	12/21/2009 1129

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Field Service / Mobile Lab

Client Sample ID: MW-11

Lab Sample ID: 660-33083-3

Date Sampled: 12/21/2009 1212

Client Matrix: Water

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	5.08		SU	1.0	Field Sampling	660-88971	12/21/2009 1212
Field Temperature	22.4		Degrees C	1.0	Field Sampling	660-88971	12/21/2009 1212
Oxygen, Dissolved	0.26		mg/L	1.0	Field Sampling	660-88971	12/21/2009 1212
Specific Conductance	305		umhos/cm	1.0	Field Sampling	660-88971	12/21/2009 1212
Turbidity	6		NTU	1.0	Field Sampling	660-88971	12/21/2009 1212

DATA REPORTING QUALIFIERS

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates that the compound was analyzed for but not detected.
GC Semi VOA		
	U	Indicates that the compound was analyzed for but not detected.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 660-88897/2

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2707.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1143

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1143

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 660-88897

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-88897/2

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/27/2009 1143

Date Prepared: 12/27/2009 1143

Analysis Batch: 660-88897

Prep Batch: N/A

Units: ug/L

Instrument ID: BVME GC/MS

Lab File ID: 1EL2707.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0
Surrogate	% Rec	Acceptance Limits		
4-Bromofluorobenzene	93	70 - 130		
Toluene-d8 (Surr)	98	70 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Lab Control Sample - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-88897/1

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2704.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1041

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1041

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	102	102	62 - 142	
Acrylonitrile	200	193	97	10 - 183	
Benzene	20.0	18.9	95	64 - 140	
Bromochloromethane	20.0	19.8	99	59 - 130	
Bromodichloromethane	20.0	20.0	100	70 - 130	
Bromoform	20.0	19.8	99	65 - 130	
Bromomethane	20.0	10.6	53	14 - 184	
2-Butanone (MEK)	100	105	105	63 - 140	
Carbon disulfide	10.0	8.32	83	30 - 184	
Carbon tetrachloride	20.0	19.1	95	53 - 145	
Chlorobenzene	20.0	19.5	98	70 - 130	
Chlorodibromomethane	20.0	19.9	99	70 - 130	
Chloroethane	20.0	20.1	100	39 - 174	
Chloroform	20.0	18.5	93	59 - 130	
Chloromethane	20.0	9.88	49	35 - 153	
cis-1,2-Dichloroethene	20.0	19.5	98	61 - 130	
cis-1,3-Dichloropropene	20.0	20.2	101	70 - 130	
Dibromomethane	20.0	19.6	98	70 - 130	
1,2-Dichlorobenzene	20.0	18.8	94	70 - 130	
1,4-Dichlorobenzene	20.0	19.1	95	70 - 130	
1,1-Dichloroethane	20.0	18.1	91	60 - 132	
1,2-Dichloroethane	20.0	19.0	95	70 - 130	
1,1-Dichloroethene	20.0	15.6	78	51 - 157	
1,2-Dichloropropane	20.0	20.1	100	70 - 130	
Ethylbenzene	20.0	20.3	102	69 - 131	
2-Hexanone	100	113	113	57 - 148	
Iodomethane	20.0	17.6	88	70 - 130	
Methylene Chloride	20.0	17.3	86	57 - 130	
4-Methyl-2-pentanone (MIBK)	100	109	109	64 - 137	
Styrene	20.0	20.9	104	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	20.0	100	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	67 - 130	
Tetrachloroethene	20.0	18.3	92	47 - 143	
Toluene	20.0	19.7	99	70 - 131	
trans-1,4-Dichloro-2-butene	20.0	22.8	114	70 - 130	
trans-1,2-Dichloroethene	20.0	16.8	84	55 - 145	
trans-1,3-Dichloropropene	20.0	19.3	97	62 - 130	
1,1,1-Trichloroethane	20.0	18.9	95	57 - 135	
1,1,2-Trichloroethane	20.0	19.8	99	69 - 130	
Trichloroethene	20.0	18.9	94	59 - 142	
Trichlorofluoromethane	20.0	17.9	89	62 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Lab Control Sample - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-88897/1

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2704.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1041

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1041

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	20.0	19.2	96	62 - 130	
Vinyl acetate	37.1	28.0	76	10 - 166	
Vinyl chloride	20.0	12.9	65	48 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Matrix Spike - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33082-W-1 MS

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2711.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1301

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1301

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	100	96.3	96	62 - 142	
Acrylonitrile	1.2	U	200	189	94	10 - 183	
Benzene	0.50	U	20.0	18.1	90	64 - 140	
Bromochloromethane	0.58	U	20.0	18.2	91	59 - 130	
Bromodichloromethane	0.35	U	20.0	20.4	102	70 - 130	
Bromoform	0.58	U	20.0	19.3	96	65 - 130	
Bromomethane	2.5	U	20.0	9.80	49	14 - 184	
2-Butanone (MEK)	8.4	U	100	106	106	63 - 140	
Carbon disulfide	0.85	U	10.0	6.94	69	30 - 184	
Carbon tetrachloride	0.42	U	20.0	17.6	88	53 - 145	
Chlorobenzene	0.63	U	20.0	19.0	95	70 - 130	
Chlorodibromomethane	0.34	U	20.0	20.0	100	70 - 130	
Chloroethane	2.5	U	20.0	18.3	91	39 - 174	
Chloroform	0.90	U	20.0	18.4	92	59 - 130	
Chloromethane	1.0	U	20.0	8.24	41	35 - 153	
cis-1,2-Dichloroethene	0.65	U	20.0	18.4	92	61 - 130	
cis-1,3-Dichloropropene	0.14	U	20.0	20.2	101	70 - 130	
Dibromomethane	0.41	U	20.0	19.6	98	70 - 130	
1,2-Dichlorobenzene	0.44	U	20.0	17.6	88	70 - 130	
1,4-Dichlorobenzene	0.52	U	20.0	18.0	90	70 - 130	
1,1-Dichloroethane	0.52	U	20.0	17.6	88	60 - 132	
1,2-Dichloroethane	0.57	U	20.0	18.4	92	70 - 130	
1,1-Dichloroethene	0.45	U	20.0	13.7	69	51 - 157	
1,2-Dichloropropane	0.52	U	20.0	20.1	101	70 - 130	
Ethylbenzene	0.44	U	20.0	20.2	101	69 - 131	
2-Hexanone	4.4	U	100	117	117	57 - 148	
Iodomethane	2.5	U	20.0	16.2	81	70 - 130	
Methylene Chloride	4.0	U	20.0	15.6	78	57 - 130	
4-Methyl-2-pentanone (MIBK)	3.8	U	100	115	115	64 - 137	
Styrene	0.98	U	20.0	20.7	104	62 - 136	
1,1,1,2-Tetrachloroethane	0.63	U	20.0	20.3	101	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	20.0	19.7	98	67 - 130	
Tetrachloroethene	0.50	U	20.0	17.5	88	47 - 143	
Toluene	0.51	U	20.0	19.3	96	70 - 131	
trans-1,4-Dichloro-2-butene	2.5	U	20.0	21.6	108	70 - 130	
trans-1,2-Dichloroethene	0.44	U	20.0	15.2	76	55 - 145	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Matrix Spike - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33082-W-1 MS

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2711.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1301

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1301

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	0.14	U	20.0	19.8	99	62 - 130	
1,1,1-Trichloroethane	0.46	U	20.0	17.7	88	57 - 135	
1,1,2-Trichloroethane	0.47	U	20.0	20.7	103	69 - 130	
Trichloroethene	0.50	U	20.0	17.4	87	59 - 142	
Trichlorofluoromethane	2.5	U	20.0	14.7	74	62 - 147	
1,2,3-Trichloropropane	0.18	U	20.0	19.3	97	62 - 130	
Vinyl acetate	1.5	U	37.1	27.5	74	10 - 166	
Vinyl chloride	0.50	U	20.0	10.6	53	48 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Duplicate - Batch: 660-88897

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-33081-N-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/27/2009 1242
Date Prepared: 12/27/2009 1242

Analysis Batch: 660-88897
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME GC/MS
Lab File ID: 1EL2710.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromochloromethane	0.58	U	0.58	NC	30	U
Bromodichloromethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U
Carbon disulfide	0.85	U	0.85	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U
Styrene	0.98	U	0.98	NC	30	U
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Duplicate - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33081-N-1 DU

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2710.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1242

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1242

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Trichloroethene	0.50	U	0.50	NC	30	U
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U
Surrogate	% Rec		Acceptance Limits			
4-Bromofluorobenzene	95		70 - 130			
Toluene-d8 (Surr)	101		70 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: MB 660-88820/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1741
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U013.D
Initial Weight/Volume: 35.1456 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020
Surrogate	% Rec	Acceptance Limits		
1,1,1,2-Tetrachloroethane	86	60 - 140		

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 660-88820

Method: 8011

Preparation: 8011

LCS Lab Sample ID: LCS 660-88820/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1801
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U014.D
Initial Weight/Volume: 34.8849 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-88820/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1822
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U015.D
Initial Weight/Volume: 35.0821 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,2-Dibromo-3-Chloropropane	102	101	60 - 140	1	40		
Ethylene Dibromide	98	97	60 - 140	1	40		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Matrix Spike - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: 640-25259-A-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1903
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U017.D
Initial Weight/Volume: 37.2010 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0094	U	0.235	0.222	95	60 - 140	
Ethylene Dibromide	0.0094	U	0.235	0.204	87	60 - 140	

Duplicate - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: 660-33070-J-1-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1944
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U019.D
Initial Weight/Volume: 36.1996 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0099	U	0.0097	NC	40	U
Ethylene Dibromide	0.0099	U	0.0097	NC	40	U

Surrogate	% Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	96	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 680-157391

Lab Sample ID: MB 680-157391/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 0854
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391
Units: mg/L

Method: 6020A
Preparation: 3005A
Total Recoverable

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.25	U	0.25	0.50

Method Blank - Batch: 680-157391

Lab Sample ID: MB 680-157391/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 0854
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391
Units: ug/L

Method: 6020A
Preparation: 3005A
Total Recoverable

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	1.3	U	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	33	U	33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Lab Control Sample - Batch: 680-157391

Lab Sample ID: LCS 680-157391/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1127
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391
Units: mg/L

Method: 6020A
Preparation: 3005A
Total Recoverable

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	5.00	4.80	96	75 - 125	

Lab Control Sample - Batch: 680-157391

Lab Sample ID: LCS 680-157391/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1127
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391
Units: ug/L

Method: 6020A
Preparation: 3005A
Total Recoverable

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	46.8	94	75 - 125	
Arsenic	100	96.4	96	75 - 125	
Barium	100	94.7	95	75 - 125	
Beryllium	50.0	46.1	92	75 - 125	
Cadmium	50.0	48.1	96	75 - 125	
Chromium	100	89.1	89	75 - 125	
Cobalt	50.0	45.7	91	75 - 125	
Copper	100	91.2	91	75 - 125	
Iron	5000	4760	95	75 - 125	
Lead	50.0	47.7	95	75 - 125	
Nickel	100	89.6	90	75 - 125	
Selenium	100	93.5	94	75 - 125	
Silver	50.0	47.6	95	75 - 125	
Thallium	40.0	38.7	97	75 - 125	
Vanadium	100	91.8	92	75 - 125	
Zinc	100	98.0	98	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-157391**

**Method: 6020A
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 660-33082-D-1-C MS Analysis Batch: 680-157501
Client Matrix: Water Prep Batch: 680-157391
Dilution: 1.0
Date Analyzed: 12/31/2009 0959
Date Prepared: 12/30/2009 1123

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 660-33082-D-1-D MSD Analysis Batch: 680-157501
Client Matrix: Water Prep Batch: 680-157391
Dilution: 1.0
Date Analyzed: 12/31/2009 1022
Date Prepared: 12/30/2009 1123

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	120	122	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-157391**

**Method: 6020A
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 660-33082-D-1-C MS Analysis Batch: 680-157501
Client Matrix: Water Prep Batch: 680-157391
Dilution: 1.0
Date Analyzed: 12/31/2009 0959
Date Prepared: 12/30/2009 1123

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 660-33082-D-1-D MSD Analysis Batch: 680-157501
Client Matrix: Water Prep Batch: 680-157391
Dilution: 1.0
Date Analyzed: 12/31/2009 1022
Date Prepared: 12/30/2009 1123

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Antimony	118	117	75 - 125	1	20		
Arsenic	123	121	75 - 125	2	20		
Barium	120	120	75 - 125	0	20		
Beryllium	118	117	75 - 125	1	20		
Cadmium	121	119	75 - 125	2	20		
Chromium	115	113	75 - 125	2	20		
Cobalt	115	114	75 - 125	1	20		
Copper	117	115	75 - 125	2	20		
Iron	122	122	75 - 125	0	20		
Lead	121	119	75 - 125	1	20		
Nickel	116	114	75 - 125	2	20		
Selenium	120	120	75 - 125	1	20		
Silver	119	118	75 - 125	1	20		
Thallium	123	122	75 - 125	1	20		
Vanadium	118	115	75 - 125	2	20		
Zinc	121	120	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 680-157275

Lab Sample ID: MB 680-157275/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1352
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275
Units: ug/L

Method: 7470A Preparation: 7470A

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.091	U	0.091	0.20

Lab Control Sample - Batch: 680-157275

Lab Sample ID: LCS 680-157275/17-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1355
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275
Units: ug/L

Method: 7470A Preparation: 7470A

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.37	95	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-157275

Method: 7470A Preparation: 7470A

MS Lab Sample ID: 660-33081-G-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1402
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-33081-G-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1405
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	97	96	80 - 120	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 660-88818

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-88818/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1259
Date Prepared: N/A

Analysis Batch: 660-88818
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-88818

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-88818/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1320
Date Prepared: N/A

Analysis Batch: 660-88818
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.57	96	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88818

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-33077-G-10 MS ^2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/22/2009 2010
Date Prepared: N/A

Analysis Batch: 660-88818
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1 mL

MSD Lab Sample ID: 660-33077-G-10 MSD ^2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/22/2009 2032
Date Prepared: N/A

Analysis Batch: 660-88818
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	89	90	90 - 110	1	30	J3	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 660-88903

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-88903/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1305
Date Prepared: N/A

Analysis Batch: 660-88903
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-88903

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-88903/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1323
Date Prepared: N/A

Analysis Batch: 660-88903
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.4	104	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88903

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-33083-1
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/24/2009 1415
Date Prepared: N/A

Analysis Batch: 660-88903
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 660-33083-1
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/24/2009 1433
Date Prepared: N/A

Analysis Batch: 660-88903
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	102	102	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 660-88985

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-88985/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1324
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Ammonia (as N)	0.010	U	0.010	0.020

Lab Control Sample - Batch: 660-88985

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-88985/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1326
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.498	100	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-88985**

**Method: 350.1
Preparation: N/A**

MS Lab Sample ID: 660-33082-B-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1328
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-33082-B-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1329
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia (as N)	87	89	90 - 110	2	30	J3	J3

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-88985**

**Method: 350.1
Preparation: N/A**

MS Lab Sample ID: 660-33104-E-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1344
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-33104-E-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1346
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia (as N)	101	95	90 - 110	6	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 660-88822

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-88822/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrite as N	0.10	U	0.10	0.50
Nitrite as N	0.10	U	0.10	0.50
Nitrate as N	0.10	U	0.10	0.50

Lab Control Sample - Batch: 660-88822

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-88822/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.994	99	90 - 110	
Nitrite as N	1.00	0.949	95	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-88822**

**Method: 353.2
Preparation: N/A**

MS Lab Sample ID: 660-33082-R-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-33082-R-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	106	102	90 - 110	2	30		
Nitrite as N	104	106	90 - 110	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 660-88821

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-88821/1

Analysis Batch: 660-88821

Instrument ID: No Equipment Assigned

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/23/2009 0952

Final Weight/Volume: 50 mL

Date Prepared: N/A

Analyte	Result	Qual	PQL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Lab Control Sample - Batch: 660-88821

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-88821/2

Analysis Batch: 660-88821

Instrument ID: No Equipment Assigned

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 10 mL

Date Analyzed: 12/23/2009 0952

Final Weight/Volume: 50 mL

Date Prepared: N/A

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9850	98	80 - 120	

Duplicate - Batch: 660-88821

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-33083-2

Analysis Batch: 660-88821

Instrument ID: No Equipment Assigned

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/23/2009 1004

Final Weight/Volume: 50 mL

Date Prepared: N/A

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	130	120	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Method Blank - Batch: 660-88858

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-88858/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 0741
Date Prepared: N/A

Analysis Batch: 660-88858
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	PQL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Lab Control Sample - Batch: 660-88858

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-88858/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 0741
Date Prepared: N/A

Analysis Batch: 660-88858
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9890	99	80 - 120	

Duplicate - Batch: 660-88858

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-33098-D-2 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 0741
Date Prepared: N/A

Analysis Batch: 660-88858
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	1000	1020	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Serial Number

06730

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

1000-33083

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

☐ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE

PROJECT NO.

PROJECT LOCATION
(STATE) FLMATRIX
TYPE

REQUIRED ANALYSIS

PAGE

OF

SAMPLE REFERENCE

P.O. NUMBER

CONTRACT NO.

STANDARD REPORT
DELIVERY

DATE DUE

☐

CLIENT (SITE) PM

CLIENT PHONE

CLIENT FAX

EXPEDITED REPORT
DELIVERY
(SURCHARGE)

DATE DUE

☐

CLIENT NAME

CLIENT E-MAIL

DATE DUE

NUMBER OF COOLERS SUBMITTED
PER SHIPMENT:

CLIENT ADDRESS

COMPANY CONTRACTING THIS WORK (if applicable)

SAMPLE

DATE

TIME

COMPOSITE (C) OR GRAB (G) INDICATE

AQUEOUS (WATER)

SOLID OR SEMISOLID

AIR

NONAQUEOUS LIQUID (OIL, SOLVENT,...)

PRESERVATIVE

NUMBER OF CONTAINERS SUBMITTED

REMARKS

RECEIVED BY: (SIGNATURE)

DATE

TIME

RELINQUISHED BY: (SIGNATURE)

DATE

TIME

RELINQUISHED BY: (SIGNATURE)

DATE

TIME

RELINQUISHED BY: (SIGNATURE)

DATE

TIME

RELINQUISHED BY: (SIGNATURE)

DATE

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RELINQUISHED BY: (SIGNATURE)

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RELINQUISHED BY: (SIGNATURE)

DATE

TIME

RELINQUISHED BY: (SIGNATURE)

DATE

TIME

RELINQUISHED BY: (SIGNATURE)

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JOB NUMBER: 660-33083 Logged in TALS By Amanda Harrison

Cooler Received on (date) 11-21-09 And Opened By (full name): Charles Volz

1. Shipper (circle one) FEDEX UPS DHL WALK-IN COURIER OTHER: _____

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 2.0 Degrees Celsius

4. Number of H₂SO₄ (sulfuric acid) preserved containers: 3

All containers pH < 2? yes If not please comment below:

5. Number of HCL (hydrochloric acid) preserved containers: _____

All containers pH < 2? _____ If not please comment below:

6. Number of HNO₃ (nitric acid) preserved containers: 6

All containers pH < 2? yes If not please comment below:

7. Number of NaOH (sodium hydroxide) preserved containers: _____

All containers pH > 12? _____ If not please comment below:

8. Number of Unpreserved containers: 6

All containers pH between 6 and 8? yes If not please comment below:

9. Was chlorine present in any of the unpreserved containers? NO

If yes, which samples? _____

Login Sample Receipt Check List

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Login Number: 33083

List Source: TestAmerica Tampa

Creator: Harrison, Amanda

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	2.0 degrees C CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	no matrix, analysis, or number of bottle per analysis listed on COC
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	
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	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33083-1

Login Number: 33083
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 12/23/09 08:58 AM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	
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	
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	N/A	
Sample Preservation Verified	True	

ANALYTICAL REPORT

Job Number: 660-33082-1

Job Description: DeSoto County Landfill CMW

For:

EnviroSouth Technologies, Inc.

4330 Maine Avenue

Lakeland, FL 33801

Attention: David M Poe



Approved for release.
Nancy Robertson
Project Manager II
1/18/2010 3:35 PM

Nancy Robertson

Project Manager II

nancy.robertson@testamericainc.com

01/18/2010

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Savannah E87052

These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

TestAmerica Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634

Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



Job Narrative
660-33082-1

Comments

Additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: A full list spike was utilized for this method. 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 5 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 88897 had Acetonitrile and Isobutyl alcohol outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified with J3.

Method 8260B: The matrix spike (MS) recoveries for batch 88897 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria for Acetonitrile. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: The matrix spike (MS) recoveries for batch 88838 were outside control limits for 2,4-Dimethylphenol and Dimethyl phthalate. The associated laboratory control sample (LCS) recoveries met acceptance criteria. The sample is flagged with J3.

Method 8270C LL: The matrix spike (MS) recoveries for batch 88943 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC Semi VOA

Method 8082: The & RPD in the matrix spike/matrix spike duplicate (MS/MSD) for batch 88813 was outside control limits for PCB-1260. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method(s) 300.0: The matrix spike (MS) recoveries for batch 88818 were outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 88985 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-33082-1	CMW-12				
Field pH		6.4		SU	Field Sampling
Field Temperature		24.3		Degrees C	Field Sampling
Oxygen, Dissolved		0.87		mg/L	Field Sampling
Specific Conductance		97.1		umhos/cm	Field Sampling
Turbidity		2.63		NTU	Field Sampling
Chloride		2.9	0.50	mg/L	300.0
Ammonia (as N)		0.22 J3	0.020	mg/L	350.1
Nitrate as N		0.59	0.50	mg/L	353.2
Total Dissolved Solids		84	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		3.2 I	5.0	ug/L	6020A
Cobalt		0.17 I	0.50	ug/L	6020A
Copper		1.5 I	5.0	ug/L	6020A
Iron		390	100	ug/L	6020A
Sodium		2.5	0.50	mg/L	6020A
Zinc		38	20	ug/L	6020A
660-33082-2	CMW-13				
Field pH		5.73		SU	Field Sampling
Field Temperature		22.7		Degrees C	Field Sampling
Oxygen, Dissolved		0.35		mg/L	Field Sampling
Specific Conductance		221		umhos/cm	Field Sampling
Turbidity		3.9		NTU	Field Sampling
Chloride		29	0.50	mg/L	300.0
Ammonia (as N)		0.35	0.020	mg/L	350.1
Nitrate as N		0.10 I	0.50	mg/L	353.2
Total Dissolved Solids		160	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		1.4 I	5.0	ug/L	6020A
Cadmium		0.74	0.50	ug/L	6020A
Cobalt		0.84	0.50	ug/L	6020A
Iron		5500	100	ug/L	6020A
Lead		0.48 I	1.5	ug/L	6020A
Nickel		2.0 I	4.0	ug/L	6020A
Silver		0.39 I	1.0	ug/L	6020A
Sodium		13	0.50	mg/L	6020A
Vanadium		5.5 I	10	ug/L	6020A

EXECUTIVE SUMMARY - Detections

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-33082-3	CMW-14				
Field pH		6.69		SU	Field Sampling
Field Temperature		20.4		Degrees C	Field Sampling
Oxygen, Dissolved		2.03		mg/L	Field Sampling
Specific Conductance		262		umhos/cm	Field Sampling
Turbidity		6.92		NTU	Field Sampling
Chloride		46	0.50	mg/L	300.0
Ammonia (as N)		0.63	0.020	mg/L	350.1
Total Dissolved Solids		250	5.0	mg/L	SM 2540C
Total Recoverable					
Arsenic		3.0	2.5	ug/L	6020A
Barium		2.1	5.0	ug/L	6020A
Cobalt		0.19	0.50	ug/L	6020A
Iron		12000	100	ug/L	6020A
Sodium		40	0.50	mg/L	6020A

METHOD SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL TAM	SW846 8270C	
Liquid-Liquid Extraction (Continuous)	TAL TAM		SW846 3520C
Semivolatile Organic Compounds by GCMS - Low Levels	TAL TAM	SW846 8270C LL	
Liquid-Liquid Extraction (Continuous)	TAL TAM		SW846 3520C
EDB and DBCP in Water by Microextraction	TAL TAM	EPA 8011	
Microextraction	TAL TAM		SW846 8011
Organochlorine Pesticides (GC)	TAL TAM	SW846 8081A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL TAM		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL TAM	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL TAM		SW846 3510C
Organophosphorous Pesticides (GC)	TAL TAM	SW846 8141A	
Liquid-Liquid Extraction (Continuous)	TAL TAM		SW846 3520C
Herbicides (GC)	TAL TAM	SW846 8151A	
Extraction (Herbicides)	TAL TAM		SW846 8151A
Metals (ICP/MS)	TAL SAV	SW846 6020A	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
Mercury (CVAA)	TAL SAV	SW846 7470A	
Preparation, Mercury	TAL SAV		SW846 7470A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrate	TAL TAM	MCAWW 353.2	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Cyanide, Total	TAL TAM	SM SM 4500 CN E	
Cyanide: Distillation	TAL TAM		SM SM 4500 CN C
Sulfide, Total	TAL TAM	SM SM 4500 S2 F	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAM = TestAmerica Tampa

METHOD SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Description	Lab Location	Method	Preparation Method
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Method References:

EPA = US Environmental Protection Agency

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

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

METHOD / ANALYST SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method	Analyst	Analyst ID
SW846 8260B	Campbell, Ed	EC
SW846 8270C	Ortiz, Raymond	RO
SW846 8270C	Petterson, Alyssa	AP
SW846 8270C LL	Petterson, Alyssa	AP
EPA 8011	Ballard, James	JB
SW846 8081A	Myers, Randy	RM
SW846 8082	Ballard, James	JB
SW846 8141A	Myers, Randy	RM
SW846 8151A	Myers, Randy	RM
SW846 6020A	Boyuk, Brian	BB
SW846 7470A	Robertson, Bryn	BR
EPA Field Sampling	McNulty, Carol	CM
MCAWW 300.0	Cerome, Saurel	SC
MCAWW 350.1	Steward, Tiffany	TS
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2540C	Oonnoony, Thomas	TO
SM SM 4500 CN E	Sengsouvanna, Dom	DS
SM SM 4500 S2 F	Martin, Randolph	RM

SAMPLE SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-33082-1	CMW-12	Water	12/21/2009 1324	12/21/2009 1622
660-33082-2	CMW-13	Water	12/21/2009 1207	12/21/2009 1622
660-33082-3	CMW-14	Water	12/21/2009 1051	12/21/2009 1622
660-33082-4	Trip Blank	Water	12/21/2009 1051	12/21/2009 1622

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Date Sampled: 12/21/2009 1324

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88897	Instrument ID:	BVME5973
Preparation:	5030B		Lab File ID:	1EL2709.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1222		Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1222			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acetonitrile	75	U J3	75	200
Acrolein	3.8	U	3.8	100
Acrylonitrile	1.2	U	1.2	100
Allyl chloride	2.5	U	2.5	5.0
Benzene	0.50	U	0.50	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
Chloroprene	2.5	U	2.5	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	2.5	U J3	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
Ethylbenzene	0.44	U	0.44	1.0
Ethyl methacrylate	2.5	U	2.5	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Isobutyl alcohol	31	U J3	31	200
Methacrylonitrile	1.8	U	1.8	100
Methylene Chloride	4.0	U	4.0	5.0
Methyl methacrylate	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Propionitrile	7.2	U	7.2	100
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Client Matrix: Water

Date Sampled: 12/21/2009 1324

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch:	660-88897	Instrument ID:	BVME5973
Preparation:	5030B			Lab File ID:	1EL2709.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1222			Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1222				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Date Sampled: 12/21/2009 1207

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88897	Instrument ID:	BVME5973
Preparation:	5030B		Lab File ID:	1EL2718.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1517		Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1517			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acetonitrile	75	U J3	75	200
Acrolein	3.8	U	3.8	100
Acrylonitrile	1.2	U	1.2	100
Allyl chloride	2.5	U	2.5	5.0
Benzene	0.50	U	0.50	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
Chloroprene	2.5	U	2.5	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
Ethylbenzene	0.44	U	0.44	1.0
Ethyl methacrylate	2.5	U	2.5	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Isobutyl alcohol	31	U J3	31	200
Methacrylonitrile	1.8	U	1.8	100
Methylene Chloride	4.0	U	4.0	5.0
Methyl methacrylate	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Propionitrile	7.2	U	7.2	100
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Date Sampled: 12/21/2009 1207

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/27/2009 1517
Date Prepared: 12/27/2009 1517

Analysis Batch: 660-88897

Instrument ID: BVME5973
Lab File ID: 1EL2718.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	95		70 - 130
Dibromofluoromethane	95		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Client Matrix: Water

Date Sampled: 12/21/2009 1051

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88897	Instrument ID:	BVME5973
Preparation:	5030B		Lab File ID:	1EL2719.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1536		Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1536			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acetonitrile	75	U J3	75	200
Acrolein	3.8	U	3.8	100
Acrylonitrile	1.2	U	1.2	100
Allyl chloride	2.5	U	2.5	5.0
Benzene	0.50	U	0.50	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
Chloroprene	2.5	U	2.5	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
Ethylbenzene	0.44	U	0.44	1.0
Ethyl methacrylate	2.5	U	2.5	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Isobutyl alcohol	31	U J3	31	200
Methacrylonitrile	1.8	U	1.8	100
Methylene Chloride	4.0	U	4.0	5.0
Methyl methacrylate	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Propionitrile	7.2	U	7.2	100
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Client Matrix: Water

Date Sampled: 12/21/2009 1051

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/27/2009 1536
Date Prepared: 12/27/2009 1536

Analysis Batch: 660-88897

Instrument ID: BVME5973
Lab File ID: 1EL2719.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		70 - 130
Dibromofluoromethane	96		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-33082-4

Date Sampled: 12/21/2009 1051

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch:	660-88897	Instrument ID:	BVME5973
Preparation:	5030B			Lab File ID:	1EL2714.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1359			Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1359				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acetonitrile	75	U J3	75	200
Acrolein	3.8	U	3.8	100
Acrylonitrile	1.2	U	1.2	100
Allyl chloride	2.5	U	2.5	5.0
Benzene	0.50	U	0.50	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
Chloroprene	2.5	U	2.5	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
Ethylbenzene	0.44	U	0.44	1.0
Ethyl methacrylate	2.5	U	2.5	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Isobutyl alcohol	31	U J3	31	200
Methacrylonitrile	1.8	U	1.8	100
Methylene Chloride	4.0	U	4.0	5.0
Methyl methacrylate	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Propionitrile	7.2	U	7.2	100
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-33082-4

Date Sampled: 12/21/2009 1051

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88897

Instrument ID: BVME5973

Preparation: 5030B

Lab File ID: 1EL2714.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1359

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1359

Analyte	Result (ug/L)	Qualifier	MDL	PQL
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Date Sampled: 12/21/2009 1324

Client Matrix: Water

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch:	660-88838	Lab File ID:	1DL28015.D
Dilution:	1.0			Initial Weight/Volume:	1055 mL
Date Analyzed:	12/28/2009 1902			Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetophenone	1.4	U	1.4	9.5
2-Acetylaminofluorene	0.73	U	0.73	9.5
4-Aminobiphenyl	0.77	U	0.77	9.5
Benzyl alcohol	2.7	U	2.7	9.5
Bis(2-chloroethoxy)methane	1.9	U	1.9	9.5
Bis(2-chloroethyl)ether	2.5	U	2.5	9.5
Bis(2-ethylhexyl) phthalate	1.2	U	1.2	5.7
4-Bromophenyl phenyl ether	1.6	U	1.6	9.5
Butyl benzyl phthalate	1.1	U	1.1	9.5
4-Chloroaniline	2.0	U	2.0	19
4-Chloro-3-methylphenol	1.6	U	1.6	9.5
2-Chloronaphthalene	1.5	U	1.5	9.5
2-Chlorophenol	2.0	U	2.0	9.5
4-Chlorophenyl phenyl ether	1.7	U	1.7	9.5
Diallate	1.3	U	1.3	9.5
Dibenzofuran	1.5	U	1.5	9.5
1,2-Dichlorobenzene	1.0	U	1.0	9.5
1,3-Dichlorobenzene	1.0	U	1.0	9.5
1,4-Dichlorobenzene	1.1	U	1.1	9.5
3,3'-Dichlorobenzidine	1.5	U	1.5	19
2,4-Dichlorophenol	1.7	U	1.7	9.5
2,6-Dichlorophenol	1.5	U	1.5	9.5
Diethyl phthalate	2.4	U	2.4	9.5
7,12-Dimethylbenz(a)anthracene	0.87	U	0.87	9.5
3,3'-Dimethylbenzidine	13	U	13	19
2,4-Dimethylphenol	1.7	U	1.7	9.5
Dimethyl phthalate	2.4	U	2.4	9.5
Di-n-butyl phthalate	2.4	U	2.4	9.5
1,3-Dinitrobenzene	0.94	U	0.94	9.5
4,6-Dinitro-2-methylphenol	1.4	U	1.4	47
2,4-Dinitrophenol	5.9	U	5.9	47
2,4-Dinitrotoluene	0.86	U	0.86	9.5
2,6-Dinitrotoluene	0.68	U	0.68	9.5
Di-n-octyl phthalate	2.4	U	2.4	9.5
Ethyl methanesulfonate	1.2	U	1.2	9.5
Hexachlorobenzene	1.6	U	1.6	3.8
Hexachlorobutadiene	0.95	U	0.95	9.5
Hexachlorocyclopentadiene	1.1	U	1.1	9.5
Hexachloroethane	0.81	U	0.81	9.5
Hexachloropropene	0.63	U	0.63	9.5
Isophorone	1.3	U	1.3	9.5
Isosafrole	1.5	U	1.5	9.5
Methapyrilene	1.0	U	1.0	1900
3-Methylcholanthrene	0.53	U	0.53	9.5
Methyl methanesulfonate	1.1	U	1.1	9.5
2-Methylphenol	2.2	U	2.2	9.5

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Client Matrix: Water

Date Sampled: 12/21/2009 1324

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL28015.D
Dilution:	1.0		Initial Weight/Volume:	1055 mL
Date Analyzed:	12/28/2009 1902		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
3 & 4 Methylphenol	2.3	U	2.3	9.5
1,4-Naphthoquinone	1.0	U	1.0	9.5
1-Naphthylamine	0.80	U	0.80	9.5
2-Naphthylamine	0.95	U	0.95	9.5
2-Nitroaniline	1.3	U	1.3	47
3-Nitroaniline	1.1	U	1.1	47
4-Nitroaniline	1.3	U	1.3	47
Nitrobenzene	1.8	U	1.8	9.5
2-Nitrophenol	1.1	U	1.1	9.5
4-Nitrophenol	5.9	U	5.9	47
N-Nitro-o-toluidine	0.85	U	0.85	9.5
N-Nitrosodiethylamine	1.4	U	1.4	9.5
N-Nitrosodimethylamine	2.3	U	2.3	9.5
N-Nitrosodi-n-butylamine	1.4	U	1.4	9.5
N-Nitrosodi-n-propylamine	1.8	U	1.8	9.5
N-Nitrosodiphenylamine	1.5	U	1.5	9.5
N-Nitrosomethylethylamine	1.5	U	1.5	9.5
N-Nitrosopiperidine	0.82	U	0.82	9.5
N-Nitrosopyrrolidine	1.1	U	1.1	9.5
p-Dimethylamino azobenzene	0.64	U	0.64	9.5
Pentachlorobenzene	0.94	U	0.94	9.5
Pentachloronitrobenzene	1.4	U	1.4	9.5
Pentachlorophenol	1.4	U	1.4	14
Phenacetin	0.80	U	0.80	9.5
Phenol	2.3	U	2.3	3.8
p-Phenylene diamine	2.9	U	2.9	1900
Pronamide	0.66	U	0.66	9.5
Safrole, Total	1.1	U	1.1	9.5
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	9.5
2-Toluidine	1.1	U	1.1	9.5
1,2,4-Trichlorobenzene	1.1	U	1.1	9.5
2,4,5-Trichlorophenol	2.0	U	2.0	9.5
2,4,6-Trichlorophenol	1.8	U	1.8	9.5
1,3,5-Trinitrobenzene	0.58	U	0.58	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	70		36 - 124
2-Fluorophenol	47		29 - 121
Nitrobenzene-d5	68		34 - 130
Phenol-d5	46		25 - 128
Terphenyl-d14	39		14 - 148
2,4,6-Tribromophenol	51		29 - 143

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Client Matrix: Water

Date Sampled: 12/21/2009 1324

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	660-89146	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch:	660-88838	Lab File ID:	1DL28015.D
Dilution:	1.0			Initial Weight/Volume:	1055 mL
Date Analyzed:	12/28/2009 1902	Run Type:	RA	Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,3,4,6-Tetrachlorophenol	0.62	U	0.62	9.5

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Client Matrix: Water

Date Sampled: 12/21/2009 1324

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL30013.D
Dilution:	1.0		Initial Weight/Volume:	1055 mL
Date Analyzed:	12/30/2009 1217	Run Type: RA2	Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
o,o',o"-Triethylphosphorothioate	1.7	U	1.7	9.5

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Date Sampled: 12/21/2009 1207

Client Matrix: Water

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL28016.D
Dilution:	1.0		Initial Weight/Volume:	1055 mL
Date Analyzed:	12/28/2009 1928		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetophenone	1.4	U	1.4	9.5
2-Acetylaminofluorene	0.73	U	0.73	9.5
4-Aminobiphenyl	0.77	U	0.77	9.5
Benzyl alcohol	2.7	U	2.7	9.5
Bis(2-chloroethoxy)methane	1.9	U	1.9	9.5
Bis(2-chloroethyl)ether	2.5	U	2.5	9.5
Bis(2-ethylhexyl) phthalate	1.2	U	1.2	5.7
4-Bromophenyl phenyl ether	1.6	U	1.6	9.5
Butyl benzyl phthalate	1.1	U	1.1	9.5
4-Chloroaniline	2.0	U	2.0	19
4-Chloro-3-methylphenol	1.6	U	1.6	9.5
2-Chloronaphthalene	1.5	U	1.5	9.5
2-Chlorophenol	2.0	U	2.0	9.5
4-Chlorophenyl phenyl ether	1.7	U	1.7	9.5
Diallate	1.3	U	1.3	9.5
Dibenzofuran	1.5	U	1.5	9.5
1,2-Dichlorobenzene	1.0	U	1.0	9.5
1,3-Dichlorobenzene	1.0	U	1.0	9.5
1,4-Dichlorobenzene	1.1	U	1.1	9.5
3,3'-Dichlorobenzidine	1.5	U	1.5	19
2,4-Dichlorophenol	1.7	U	1.7	9.5
2,6-Dichlorophenol	1.5	U	1.5	9.5
Diethyl phthalate	2.4	U	2.4	9.5
7,12-Dimethylbenz(a)anthracene	0.87	U	0.87	9.5
3,3'-Dimethylbenzidine	13	U	13	19
2,4-Dimethylphenol	1.7	U J3	1.7	9.5
Dimethyl phthalate	2.4	U J3	2.4	9.5
Di-n-butyl phthalate	2.4	U	2.4	9.5
1,3-Dinitrobenzene	0.94	U	0.94	9.5
4,6-Dinitro-2-methylphenol	1.4	U	1.4	47
2,4-Dinitrophenol	5.9	U	5.9	47
2,4-Dinitrotoluene	0.86	U	0.86	9.5
2,6-Dinitrotoluene	0.68	U	0.68	9.5
Di-n-octyl phthalate	2.4	U	2.4	9.5
Ethyl methanesulfonate	1.2	U	1.2	9.5
Hexachlorobenzene	1.6	U	1.6	3.8
Hexachlorobutadiene	0.95	U	0.95	9.5
Hexachlorocyclopentadiene	1.1	U	1.1	9.5
Hexachloroethane	0.81	U	0.81	9.5
Hexachloropropene	0.63	U	0.63	9.5
Isophorone	1.3	U	1.3	9.5
Isosafrole	1.5	U	1.5	9.5
Methapyrilene	1.0	U	1.0	1900
3-Methylcholanthrene	0.53	U	0.53	9.5
Methyl methanesulfonate	1.1	U	1.1	9.5
2-Methylphenol	2.2	U	2.2	9.5

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Date Sampled: 12/21/2009 1207

Client Matrix: Water

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL28016.D
Dilution:	1.0		Initial Weight/Volume:	1055 mL
Date Analyzed:	12/28/2009 1928		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
3 & 4 Methylphenol	2.3	U	2.3	9.5
1,4-Naphthoquinone	1.0	U	1.0	9.5
1-Naphthylamine	0.80	U	0.80	9.5
2-Naphthylamine	0.95	U	0.95	9.5
2-Nitroaniline	1.3	U	1.3	47
3-Nitroaniline	1.1	U	1.1	47
4-Nitroaniline	1.3	U	1.3	47
Nitrobenzene	1.8	U	1.8	9.5
2-Nitrophenol	1.1	U	1.1	9.5
4-Nitrophenol	5.9	U	5.9	47
N-Nitro-o-toluidine	0.85	U	0.85	9.5
N-Nitrosodiethylamine	1.4	U	1.4	9.5
N-Nitrosodimethylamine	2.3	U	2.3	9.5
N-Nitrosodi-n-butylamine	1.4	U	1.4	9.5
N-Nitrosodi-n-propylamine	1.8	U	1.8	9.5
N-Nitrosodiphenylamine	1.5	U	1.5	9.5
N-Nitrosomethylethylamine	1.5	U	1.5	9.5
N-Nitrosopiperidine	0.82	U	0.82	9.5
N-Nitrosopyrrolidine	1.1	U	1.1	9.5
p-Dimethylamino azobenzene	0.64	U	0.64	9.5
Pentachlorobenzene	0.94	U	0.94	9.5
Pentachloronitrobenzene	1.4	U	1.4	9.5
Pentachlorophenol	1.4	U	1.4	14
Phenacetin	0.80	U	0.80	9.5
Phenol	2.3	U	2.3	3.8
p-Phenylene diamine	2.9	U	2.9	1900
Pronamide	0.66	U	0.66	9.5
Safrole, Total	1.1	U	1.1	9.5
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	9.5
2-Toluidine	1.1	U	1.1	9.5
1,2,4-Trichlorobenzene	1.1	U	1.1	9.5
2,4,5-Trichlorophenol	2.0	U	2.0	9.5
2,4,6-Trichlorophenol	1.8	U	1.8	9.5
1,3,5-Trinitrobenzene	0.58	U	0.58	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	65		36 - 124
2-Fluorophenol	38		29 - 121
Nitrobenzene-d5	62		34 - 130
Phenol-d5	34		25 - 128
Terphenyl-d14	22		14 - 148
2,4,6-Tribromophenol	41		29 - 143

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Date Sampled: 12/21/2009 1207

Client Matrix: Water

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89146	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL28016.D
Dilution:	1.0		Initial Weight/Volume:	1055 mL
Date Analyzed:	12/28/2009 1928	Run Type: RA	Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,3,4,6-Tetrachlorophenol	0.62	U	0.62	9.5

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Client Matrix: Water

Date Sampled: 12/21/2009 1207

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch:	660-88838	Lab File ID:	1DL30014.D
Dilution:	1.0			Initial Weight/Volume:	1055 mL
Date Analyzed:	12/30/2009 1244	Run Type:	RA2	Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
o,o',o''-Triethylphosphorothioate	1.7	U	1.7	9.5

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Client Matrix: Water

Date Sampled: 12/21/2009 1051

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL28017.D
Dilution:	1.0		Initial Weight/Volume:	1055 mL
Date Analyzed:	12/28/2009 1955		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetophenone	1.4	U	1.4	9.5
2-Acetylaminofluorene	0.73	U	0.73	9.5
4-Aminobiphenyl	0.77	U	0.77	9.5
Benzyl alcohol	2.7	U	2.7	9.5
Bis(2-chloroethoxy)methane	1.9	U	1.9	9.5
Bis(2-chloroethyl)ether	2.5	U	2.5	9.5
Bis(2-ethylhexyl) phthalate	1.2	U	1.2	5.7
4-Bromophenyl phenyl ether	1.6	U	1.6	9.5
Butyl benzyl phthalate	1.1	U	1.1	9.5
4-Chloroaniline	2.0	U	2.0	19
4-Chloro-3-methylphenol	1.6	U	1.6	9.5
2-Chloronaphthalene	1.5	U	1.5	9.5
2-Chlorophenol	2.0	U	2.0	9.5
4-Chlorophenyl phenyl ether	1.7	U	1.7	9.5
Diallylate	1.3	U	1.3	9.5
Dibenzofuran	1.5	U	1.5	9.5
1,2-Dichlorobenzene	1.0	U	1.0	9.5
1,3-Dichlorobenzene	1.0	U	1.0	9.5
1,4-Dichlorobenzene	1.1	U	1.1	9.5
3,3'-Dichlorobenzidine	1.5	U	1.5	19
2,4-Dichlorophenol	1.7	U	1.7	9.5
2,6-Dichlorophenol	1.5	U	1.5	9.5
Diethyl phthalate	2.4	U	2.4	9.5
7,12-Dimethylbenz(a)anthracene	0.87	U	0.87	9.5
3,3'-Dimethylbenzidine	13	U	13	19
2,4-Dimethylphenol	1.7	U	1.7	9.5
Dimethyl phthalate	2.4	U	2.4	9.5
Di-n-butyl phthalate	2.4	U	2.4	9.5
1,3-Dinitrobenzene	0.94	U	0.94	9.5
4,6-Dinitro-2-methylphenol	1.4	U	1.4	47
2,4-Dinitrophenol	5.9	U	5.9	47
2,4-Dinitrotoluene	0.86	U	0.86	9.5
2,6-Dinitrotoluene	0.68	U	0.68	9.5
Di-n-octyl phthalate	2.4	U	2.4	9.5
Ethyl methanesulfonate	1.2	U	1.2	9.5
Hexachlorobenzene	1.6	U	1.6	3.8
Hexachlorobutadiene	0.95	U	0.95	9.5
Hexachlorocyclopentadiene	1.1	U	1.1	9.5
Hexachloroethane	0.81	U	0.81	9.5
Hexachloropropene	0.63	U	0.63	9.5
Isophorone	1.3	U	1.3	9.5
Isosafrole	1.5	U	1.5	9.5
Methapyrilene	1.0	U	1.0	1900
3-Methylcholanthrene	0.53	U	0.53	9.5
Methyl methanesulfonate	1.1	U	1.1	9.5
2-Methylphenol	2.2	U	2.2	9.5

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Client Matrix: Water

Date Sampled: 12/21/2009 1051

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL28017.D
Dilution:	1.0		Initial Weight/Volume:	1055 mL
Date Analyzed:	12/28/2009 1955		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
3 & 4 Methylphenol	2.3	U	2.3	9.5
1,4-Naphthoquinone	1.0	U	1.0	9.5
1-Naphthylamine	0.80	U	0.80	9.5
2-Naphthylamine	0.95	U	0.95	9.5
2-Nitroaniline	1.3	U	1.3	47
3-Nitroaniline	1.1	U	1.1	47
4-Nitroaniline	1.3	U	1.3	47
Nitrobenzene	1.8	U	1.8	9.5
2-Nitrophenol	1.1	U	1.1	9.5
4-Nitrophenol	5.9	U	5.9	47
N-Nitro-o-toluidine	0.85	U	0.85	9.5
N-Nitrosodiethylamine	1.4	U	1.4	9.5
N-Nitrosodimethylamine	2.3	U	2.3	9.5
N-Nitrosodi-n-butylamine	1.4	U	1.4	9.5
N-Nitrosodi-n-propylamine	1.8	U	1.8	9.5
N-Nitrosodiphenylamine	1.5	U	1.5	9.5
N-Nitrosomethylethylamine	1.5	U	1.5	9.5
N-Nitrosopiperidine	0.82	U	0.82	9.5
N-Nitrosopyrrolidine	1.1	U	1.1	9.5
p-Dimethylamino azobenzene	0.64	U	0.64	9.5
Pentachlorobenzene	0.94	U	0.94	9.5
Pentachloronitrobenzene	1.4	U	1.4	9.5
Pentachlorophenol	1.4	U	1.4	14
Phenacetin	0.80	U	0.80	9.5
Phenol	2.3	U	2.3	3.8
p-Phenylene diamine	2.9	U	2.9	1900
Pronamide	0.66	U	0.66	9.5
Safrole, Total	1.1	U	1.1	9.5
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	9.5
2-Toluidine	1.1	U	1.1	9.5
1,2,4-Trichlorobenzene	1.1	U	1.1	9.5
2,4,5-Trichlorophenol	2.0	U	2.0	9.5
2,4,6-Trichlorophenol	1.8	U	1.8	9.5
1,3,5-Trinitrobenzene	0.58	U	0.58	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	68		36 - 124
2-Fluorophenol	42		29 - 121
Nitrobenzene-d5	65		34 - 130
Phenol-d5	40		25 - 128
Terphenyl-d14	23		14 - 148
2,4,6-Tribromophenol	45		29 - 143

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Client Matrix: Water

Date Sampled: 12/21/2009 1051

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	660-89146	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch:	660-88838	Lab File ID:	1DL28017.D
Dilution:	1.0			Initial Weight/Volume:	1055 mL
Date Analyzed:	12/28/2009 1955	Run Type:	RA	Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,3,4,6-Tetrachlorophenol	0.62	U	0.62	9.5

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Client Matrix: Water

Date Sampled: 12/21/2009 1051

Date Received: 12/21/2009 1622

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 660-89091	Instrument ID:	BSMD5973
Preparation:	3520C	Prep Batch: 660-88838	Lab File ID:	1DL30015.D
Dilution:	1.0		Initial Weight/Volume:	1055 mL
Date Analyzed:	12/30/2009 1312	Run Type: RA2	Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1328		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
o,o',o"-Triethylphosphorothioate	1.7	U	1.7	9.5

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Client Matrix: Water

Date Sampled: 12/21/2009 1324

Date Received: 12/21/2009 1622

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 660-88943	Instrument ID:	BSMA5973
Preparation:	3520C	Prep Batch: 660-88837	Lab File ID:	1AL28009.D
Dilution:	1.0		Initial Weight/Volume:	1060 mL
Date Analyzed:	12/28/2009 1028		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1322		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acenaphthene	0.47	U	0.47	1.9
Acenaphthylene	0.24	U	0.24	0.94
Anthracene	0.072	U	0.072	0.19
Benzo[a]anthracene	0.047	U	0.047	0.19
Benzo[a]pyrene	0.054	U	0.054	0.19
Benzo[b]fluoranthene	0.047	U	0.047	0.19
Benzo[g,h,i]perylene	0.094	U	0.094	0.47
Benzo[k]fluoranthene	0.054	U	0.054	0.19
Chrysene	0.065	U	0.065	0.19
Dibenz(a,h)anthracene	0.047	U	0.047	0.19
Fluoranthene	0.051	U	0.051	0.47
Fluorene	0.47	U	0.47	1.9
Indeno[1,2,3-cd]pyrene	0.047	U	0.047	0.19
2-Methylnaphthalene	0.47	U	0.47	1.9
1-Methylnaphthalene	0.47	U	0.47	1.9
Naphthalene	0.24	U	0.24	1.9
Phenanthrene	0.19	U	0.19	0.47
Pyrene	0.084	U	0.084	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	52		30 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Client Matrix: Water

Date Sampled: 12/21/2009 1207

Date Received: 12/21/2009 1622

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 660-88943	Instrument ID:	BSMA5973
Preparation:	3520C	Prep Batch: 660-88837	Lab File ID:	1AL28010.D
Dilution:	1.0		Initial Weight/Volume:	1055 mL
Date Analyzed:	12/28/2009 1043		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1322		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acenaphthene	0.47	U	0.47	1.9
Acenaphthylene	0.24	U	0.24	0.95
Anthracene	0.072	U	0.072	0.19
Benzo[a]anthracene	0.047	U J3	0.047	0.19
Benzo[a]pyrene	0.054	U	0.054	0.19
Benzo[b]fluoranthene	0.047	U	0.047	0.19
Benzo[g,h,i]perylene	0.095	U J3	0.095	0.47
Benzo[k]fluoranthene	0.054	U J3	0.054	0.19
Chrysene	0.065	U J3	0.065	0.19
Dibenz(a,h)anthracene	0.047	U	0.047	0.19
Fluoranthene	0.051	U	0.051	0.47
Fluorene	0.47	U	0.47	1.9
Indeno[1,2,3-cd]pyrene	0.047	U	0.047	0.19
2-Methylnaphthalene	0.47	U	0.47	1.9
1-Methylnaphthalene	0.47	U	0.47	1.9
Naphthalene	0.24	U J3	0.24	1.9
Phenanthrene	0.19	U	0.19	0.47
Pyrene	0.084	U	0.084	0.47
Surrogate	%Rec	Qualifier	Acceptance Limits	
o-Terphenyl	57		30 - 130	

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Date Sampled: 12/21/2009 1051

Client Matrix: Water

Date Received: 12/21/2009 1622

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 660-88943	Instrument ID:	BSMA5973
Preparation:	3520C	Prep Batch: 660-88837	Lab File ID:	1AL28011.D
Dilution:	1.0		Initial Weight/Volume:	1060 mL
Date Analyzed:	12/28/2009 1058		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2009 1322		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acenaphthene	0.47	U	0.47	1.9
Acenaphthylene	0.24	U	0.24	0.94
Anthracene	0.072	U	0.072	0.19
Benzo[a]anthracene	0.047	U	0.047	0.19
Benzo[a]pyrene	0.054	U	0.054	0.19
Benzo[b]fluoranthene	0.047	U	0.047	0.19
Benzo[g,h,i]perylene	0.094	U	0.094	0.47
Benzo[k]fluoranthene	0.054	U	0.054	0.19
Chrysene	0.065	U	0.065	0.19
Dibenz(a,h)anthracene	0.047	U	0.047	0.19
Fluoranthene	0.051	U	0.051	0.47
Fluorene	0.47	U	0.47	1.9
Indeno[1,2,3-cd]pyrene	0.047	U	0.047	0.19
2-Methylnaphthalene	0.47	U	0.47	1.9
1-Methylnaphthalene	0.47	U	0.47	1.9
Naphthalene	0.24	U	0.24	1.9
Phenanthrene	0.19	U	0.19	0.47
Pyrene	0.084	U	0.084	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	60		30 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Date Sampled: 12/21/2009 1324

Client Matrix: Water

Date Received: 12/21/2009 1622

8011 EDB and DBCP in Water by Microextraction

Method:	8011	Analysis Batch:	660-88825	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-88820	Initial Weight/Volume:	35.7224 g
Dilution:	1.0			Final Weight/Volume:	2.0 mL
Date Analyzed:	12/22/2009 2025			Injection Volume:	4 uL
Date Prepared:	12/22/2009 1330			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0098	U	0.0098	0.020
Ethylene Dibromide	0.0098	U	0.0098	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	85		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Date Sampled: 12/21/2009 1207

Client Matrix: Water

Date Received: 12/21/2009 1622

8011 EDB and DBCP in Water by Microextraction

Method:	8011	Analysis Batch: 660-88825	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-88820	Initial Weight/Volume:	35.7557 g
Dilution:	1.0		Final Weight/Volume:	2.0 mL
Date Analyzed:	12/22/2009 2045		Injection Volume:	4 uL
Date Prepared:	12/22/2009 1330		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0098	U	0.0098	0.020
Ethylene Dibromide	0.0098	U	0.0098	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	89		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Date Sampled: 12/21/2009 1051

Client Matrix: Water

Date Received: 12/21/2009 1622

8011 EDB and DBCP in Water by Microextraction

Method:	8011	Analysis Batch:	660-88825	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-88820	Initial Weight/Volume:	36.6353 g
Dilution:	1.0			Final Weight/Volume:	2.0 mL
Date Analyzed:	12/22/2009 2106			Injection Volume:	4 uL
Date Prepared:	12/22/2009 1330			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0096	U	0.0096	0.019
Ethylene Dibromide	0.0096	U	0.0096	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	74		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Date Sampled: 12/21/2009 1324

Client Matrix: Water

Date Received: 12/21/2009 1622

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch:	660-89042	Instrument ID:	BSGJ
Preparation:	3510C	Prep Batch:	660-88813	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	12/29/2009 2124			Injection Volume:	2 uL
Date Prepared:	12/23/2009 0651			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Aldrin	0.0017	U	0.0017	0.0095
alpha-BHC	0.0027	U	0.0027	0.0095
beta-BHC	0.0025	U	0.0025	0.0095
Chlordane (technical)	0.054	U	0.054	0.48
Chlorobenzilate	0.071	U	0.071	0.48
4,4'-DDD	0.0039	U	0.0039	0.0095
4,4'-DDE	0.0052	U	0.0052	0.0095
4,4'-DDT	0.0030	U	0.0030	0.0095
delta-BHC	0.0026	U	0.0026	0.0095
Dieldrin	0.0013	U	0.0013	0.0095
Endosulfan I	0.0033	U	0.0033	0.0095
Endosulfan II	0.0031	U	0.0031	0.0095
Endosulfan sulfate	0.0028	U	0.0028	0.0095
Endrin	0.0030	U	0.0030	0.0095
Endrin aldehyde	0.0030	U	0.0030	0.0095
gamma-BHC (Lindane)	0.0025	U	0.0025	0.0095
Heptachlor	0.0029	U	0.0029	0.0095
Heptachlor epoxide	0.0030	U	0.0030	0.0095
Isodrin	0.0058	U	0.0058	0.048
Kepone	0.079	U	0.079	0.95
Methoxychlor	0.0048	U	0.0048	0.0095
Toxaphene	0.69	U	0.69	2.9
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	55		30 - 150	
Tetrachloro-m-xylene	71		30 - 150	

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Date Sampled: 12/21/2009 1207

Client Matrix: Water

Date Received: 12/21/2009 1622

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 660-89042	Instrument ID:	BSGJ
Preparation:	3510C	Prep Batch: 660-88813	Initial Weight/Volume:	1055 mL
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	12/29/2009 2137		Injection Volume:	2 uL
Date Prepared:	12/23/2009 0651		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Aldrin	0.0017	U	0.0017	0.0095
alpha-BHC	0.0027	U	0.0027	0.0095
beta-BHC	0.0025	U	0.0025	0.0095
Chlordane (technical)	0.054	U	0.054	0.47
Chlorobenzilate	0.071	U	0.071	0.47
4,4'-DDD	0.0039	U	0.0039	0.0095
4,4'-DDE	0.0052	U	0.0052	0.0095
4,4'-DDT	0.0030	U	0.0030	0.0095
delta-BHC	0.0026	U	0.0026	0.0095
Dieldrin	0.0013	U	0.0013	0.0095
Endosulfan I	0.0032	U	0.0032	0.0095
Endosulfan II	0.0031	U	0.0031	0.0095
Endosulfan sulfate	0.0028	U	0.0028	0.0095
Endrin	0.0030	U	0.0030	0.0095
Endrin aldehyde	0.0030	U	0.0030	0.0095
gamma-BHC (Lindane)	0.0025	U	0.0025	0.0095
Heptachlor	0.0029	U	0.0029	0.0095
Heptachlor epoxide	0.0030	U	0.0030	0.0095
Isodrin	0.0058	U	0.0058	0.047
Kepone	0.079	U	0.079	0.95
Methoxychlor	0.0048	U	0.0048	0.0095
Toxaphene	0.68	U	0.68	2.8

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	48		30 - 150
Tetrachloro-m-xylene	71		30 - 150

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Client Matrix: Water

Date Sampled: 12/21/2009 1051

Date Received: 12/21/2009 1622

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch:	660-89042	Instrument ID:	BSGJ
Preparation:	3510C	Prep Batch:	660-88813	Initial Weight/Volume:	1060 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	12/29/2009 2150			Injection Volume:	2 uL
Date Prepared:	12/23/2009 0651			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Aldrin	0.0017	U	0.0017	0.0094
alpha-BHC	0.0026	U	0.0026	0.0094
beta-BHC	0.0025	U	0.0025	0.0094
Chlordane (technical)	0.054	U	0.054	0.47
Chlorobenzilate	0.071	U	0.071	0.47
4,4'-DDD	0.0039	U	0.0039	0.0094
4,4'-DDE	0.0052	U	0.0052	0.0094
4,4'-DDT	0.0030	U	0.0030	0.0094
delta-BHC	0.0026	U	0.0026	0.0094
Dieldrin	0.0013	U	0.0013	0.0094
Endosulfan I	0.0032	U	0.0032	0.0094
Endosulfan II	0.0031	U	0.0031	0.0094
Endosulfan sulfate	0.0028	U	0.0028	0.0094
Endrin	0.0029	U	0.0029	0.0094
Endrin aldehyde	0.0030	U	0.0030	0.0094
gamma-BHC (Lindane)	0.0025	U	0.0025	0.0094
Heptachlor	0.0029	U	0.0029	0.0094
Heptachlor epoxide	0.0030	U	0.0030	0.0094
Isodrin	0.0058	U	0.0058	0.047
Kepone	0.078	U	0.078	0.94
Methoxychlor	0.0048	U	0.0048	0.0094
Toxaphene	0.68	U	0.68	2.8

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	50		30 - 150
Tetrachloro-m-xylene	62		30 - 150

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Date Sampled: 12/21/2009 1324

Client Matrix: Water

Date Received: 12/21/2009 1622

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 660-88976	Instrument ID:	BSGK
Preparation:	3510C	Prep Batch: 660-88813	Initial Weight/Volume:	1050 mL
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	12/24/2009 1359		Injection Volume:	2 uL
Date Prepared:	12/23/2009 0651		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
PCB-1016	0.25	U	0.25	0.48
PCB-1221	0.14	U	0.14	0.48
PCB-1232	0.36	U	0.36	0.48
PCB-1242	0.22	U	0.22	0.48
PCB-1248	0.12	U	0.12	0.48
PCB-1254	0.11	U	0.11	0.48
PCB-1260	0.30	U	0.30	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	56		30 - 150
Tetrachloro-m-xylene	77		30 - 150

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Date Sampled: 12/21/2009 1207

Client Matrix: Water

Date Received: 12/21/2009 1622

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 660-88976	Instrument ID:	BSGK
Preparation:	3510C	Prep Batch: 660-88813	Initial Weight/Volume:	1055 mL
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	12/24/2009 1416		Injection Volume:	2 uL
Date Prepared:	12/23/2009 0651		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
PCB-1016	0.25	U	0.25	0.47
PCB-1221	0.14	U	0.14	0.47
PCB-1232	0.36	U	0.36	0.47
PCB-1242	0.22	U	0.22	0.47
PCB-1248	0.12	U	0.12	0.47
PCB-1254	0.11	U	0.11	0.47
PCB-1260	0.30	U	0.30	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	54		30 - 150
Tetrachloro-m-xylene	72		30 - 150

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Date Sampled: 12/21/2009 1051

Client Matrix: Water

Date Received: 12/21/2009 1622

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 660-88976	Instrument ID:	BSGK
Preparation:	3510C	Prep Batch: 660-88813	Initial Weight/Volume:	1060 mL
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	12/24/2009 1433		Injection Volume:	2 uL
Date Prepared:	12/23/2009 0651		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
PCB-1016	0.25	U	0.25	0.47
PCB-1221	0.14	U	0.14	0.47
PCB-1232	0.36	U	0.36	0.47
PCB-1242	0.22	U	0.22	0.47
PCB-1248	0.12	U	0.12	0.47
PCB-1254	0.11	U	0.11	0.47
PCB-1260	0.30	U	0.30	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	54		30 - 150
Tetrachloro-m-xylene	66		30 - 150

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Client Matrix: Water

Date Sampled: 12/21/2009 1324

Date Received: 12/21/2009 1622

8141A Organophosphorous Pesticides (GC)

Method:	8141A	Analysis Batch: 660-89037	Instrument ID:	BSGR
Preparation:	3520C	Prep Batch: 660-88839	Initial Weight/Volume:	1055 mL
Dilution:	1.0		Final Weight/Volume:	1 mL
Date Analyzed:	12/30/2009 1307		Injection Volume:	4 uL
Date Prepared:	12/23/2009 1331		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Dimethoate	0.057	U	0.057	0.95
Disulfoton	0.085	U	0.085	0.95
Famphur	0.24	U	0.24	0.95
Methyl parathion	0.052	U	0.052	0.24
Parathion	0.12	U	0.12	0.47
Thionazin	0.12	U	0.12	0.47
Phorate	0.095	U	0.095	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Triphenylphosphate	70		16 - 164

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Date Sampled: 12/21/2009 1207

Client Matrix: Water

Date Received: 12/21/2009 1622

8141A Organophosphorous Pesticides (GC)

Method:	8141A	Analysis Batch:	660-89037	Instrument ID:	BSGR
Preparation:	3520C	Prep Batch:	660-88839	Initial Weight/Volume:	1060 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Date Analyzed:	12/30/2009 1357			Injection Volume:	4 uL
Date Prepared:	12/23/2009 1331			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Dimethoate	0.057	U	0.057	0.94
Disulfoton	0.085	U	0.085	0.94
Famphur	0.24	U	0.24	0.94
Methyl parathion	0.052	U	0.052	0.24
Parathion	0.12	U	0.12	0.47
Thionazin	0.12	U	0.12	0.47
Phorate	0.094	U	0.094	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Triphenylphosphate	89		16 - 164

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Date Sampled: 12/21/2009 1051

Client Matrix: Water

Date Received: 12/21/2009 1622

8141A Organophosphorous Pesticides (GC)

Method:	8141A	Analysis Batch:	660-89037	Instrument ID:	BSGR
Preparation:	3520C	Prep Batch:	660-88839	Initial Weight/Volume:	1055 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Date Analyzed:	12/30/2009 1447			Injection Volume:	4 uL
Date Prepared:	12/23/2009 1331			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Dimethoate	0.057	U	0.057	0.95
Disulfoton	0.085	U	0.085	0.95
Famphur	0.24	U	0.24	0.95
Methyl parathion	0.052	U	0.052	0.24
Parathion	0.12	U	0.12	0.47
Thionazin	0.12	U	0.12	0.47
Phorate	0.095	U	0.095	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Triphenylphosphate	71		16 - 164

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Date Sampled: 12/21/2009 1324

Client Matrix: Water

Date Received: 12/21/2009 1622

8151A Herbicides (GC)

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 01/01/2010 0234
Date Prepared: 12/28/2009 1152

Analysis Batch: 660-89100
Prep Batch: 660-88914

Instrument ID: BSGJ
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,4-D	0.96	U	0.96	4.8
2,4,5-T	0.96	U	0.96	4.8
Silvex (2,4,5-TP)	0.96	U	0.96	4.8
Dinoseb	0.96	U	0.96	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	91		33 - 120

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Client Matrix: Water

Date Sampled: 12/21/2009 1207

Date Received: 12/21/2009 1622

8151A Herbicides (GC)

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 01/01/2010 0252
Date Prepared: 12/28/2009 1152

Analysis Batch: 660-89100
Prep Batch: 660-88914

Instrument ID: BSGJ
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,4-D	0.95	U	0.95	4.8
2,4,5-T	0.95	U	0.95	4.8
Silvex (2,4,5-TP)	0.95	U	0.95	4.8
Dinoseb	0.95	U	0.95	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	102		33 - 120

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Date Sampled: 12/21/2009 1051

Client Matrix: Water

Date Received: 12/21/2009 1622

8151A Herbicides (GC)

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 01/01/2010 0307
Date Prepared: 12/28/2009 1152

Analysis Batch: 660-89100
Prep Batch: 660-88914

Instrument ID: BSGJ
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,4-D	0.95	U	0.95	4.8
2,4,5-T	0.95	U	0.95	4.8
Silvex (2,4,5-TP)	0.95	U	0.95	4.8
Dinoseb	0.95	U	0.95	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	95		33 - 120

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Client Matrix: Water

Date Sampled: 12/21/2009 1324

Date Received: 12/21/2009 1622

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 0937		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	2.5		0.25	0.50

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 0937		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	3.2	I	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.17	I	0.15	0.50
Copper	1.5	I	1.1	5.0
Iron	390		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	38		8.3	20
Tin	1.3	U	1.3	5.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-157533	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-157275	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1408		Final Weight/Volume:	50 mL
Date Prepared:	12/29/2009 1024			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Client Matrix: Water

Date Sampled: 12/21/2009 1207

Date Received: 12/21/2009 1622

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1030		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	13		0.25	0.50

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1030		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	1.4	I	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.74		0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.84		0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	5500		33	100
Lead	0.48	I	0.20	1.5
Nickel	2.0	I	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.39	I	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	5.5	I	3.8	10
Zinc	8.3	U	8.3	20
Tin	1.3	U	1.3	5.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-157533	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-157275	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1411		Final Weight/Volume:	50 mL
Date Prepared:	12/29/2009 1024			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Client Matrix: Water

Date Sampled: 12/21/2009 1051

Date Received: 12/21/2009 1622

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1037		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	40		0.25	0.50

Method:	6020A	Analysis Batch: 680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch: 680-157391	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1037		Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	3.0		1.3	2.5
Barium	2.1	I	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.19	I	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	12000		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20
Tin	1.3	U	1.3	5.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-157533	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-157275	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1414		Final Weight/Volume:	50 mL
Date Prepared:	12/29/2009 1024			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

General Chemistry

Client Sample ID: CMW-12

Lab Sample ID: 660-33082-1

Client Matrix: Water

Date Sampled: 12/21/2009 1324

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	2.9		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-88818 Date Analyzed: 12/22/2009 2220							
Ammonia (as N)	0.22	J3	mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-88985 Date Analyzed: 12/29/2009 1327							
Nitrate as N	0.59		mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-88822 Date Analyzed: 12/23/2009 0818							
Cyanide, Total	0.0050	U	mg/L	0.0050	0.010	1.0	SM 4500 CN E
Analysis Batch: 660-88892 Date Analyzed: 12/24/2009 1540							
Prep Batch: 660-88891 Date Prepared: 12/24/2009 1030							

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	84		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 660-88821 Date Analyzed: 12/23/2009 1001							
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
Analysis Batch: 660-88887 Date Analyzed: 12/24/2009 1600							

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

General Chemistry

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Client Matrix: Water

Date Sampled: 12/21/2009 1207

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	29		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-88879	Date Analyzed: 12/24/2009	1127				
Ammonia (as N)	0.35		mg/L	0.010	0.020	1.0	350.1
	Analysis Batch: 660-88985	Date Analyzed: 12/29/2009	1330				
Nitrate as N	0.10	I	mg/L	0.10	0.50	1.0	353.2
	Analysis Batch: 660-88822	Date Analyzed: 12/23/2009	0818				
Cyanide, Total	0.0050	U	mg/L	0.0050	0.010	1.0	SM 4500 CN E
	Analysis Batch: 660-88892	Date Analyzed: 12/24/2009	1540				
	Prep Batch: 660-88891	Date Prepared: 12/24/2009	1030				

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	160		mg/L	5.0	5.0	1.0	SM 2540C
	Analysis Batch: 660-88821	Date Analyzed: 12/23/2009	1002				
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-88887	Date Analyzed: 12/24/2009	1600				

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

General Chemistry

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Client Matrix: Water

Date Sampled: 12/21/2009 1051

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	46		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-88818	Date Analyzed: 12/22/2009	2242				
Ammonia (as N)	0.63		mg/L	0.010	0.020	1.0	350.1
	Analysis Batch: 660-88985	Date Analyzed: 12/29/2009	1331				
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
	Analysis Batch: 660-88822	Date Analyzed: 12/23/2009	0818				
Cyanide, Total	0.0050	U	mg/L	0.0050	0.010	1.0	SM 4500 CN E
	Analysis Batch: 660-88892	Date Analyzed: 12/24/2009	1540				
	Prep Batch: 660-88891	Date Prepared: 12/24/2009	1030				

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	250		mg/L	5.0	5.0	1.0	SM 2540C
	Analysis Batch: 660-88821	Date Analyzed: 12/23/2009	1002				
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-88887	Date Analyzed: 12/24/2009	1600				

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Field Service / Mobile Lab**Client Sample ID: CMW-12**

Lab Sample ID: 660-33082-1

Client Matrix: Water

Date Sampled: 12/21/2009 1324

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	6.4		SU	1.0	Field Sampling	660-88970	12/21/2009 1324
Field Temperature	24.3		Degrees C	1.0	Field Sampling	660-88970	12/21/2009 1324
Oxygen, Dissolved	0.87		mg/L	1.0	Field Sampling	660-88970	12/21/2009 1324
Specific Conductance	97.1		umhos/cm	1.0	Field Sampling	660-88970	12/21/2009 1324
Turbidity	2.63		NTU	1.0	Field Sampling	660-88970	12/21/2009 1324

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Field Service / Mobile Lab

Client Sample ID: CMW-13

Lab Sample ID: 660-33082-2

Client Matrix: Water

Date Sampled: 12/21/2009 1207

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	5.73		SU	1.0	Field Sampling	660-88970	12/21/2009 1207
Field Temperature	22.7		Degrees C	1.0	Field Sampling	660-88970	12/21/2009 1207
Oxygen, Dissolved	0.35		mg/L	1.0	Field Sampling	660-88970	12/21/2009 1207
Specific Conductance	221		umhos/cm	1.0	Field Sampling	660-88970	12/21/2009 1207
Turbidity	3.9		NTU	1.0	Field Sampling	660-88970	12/21/2009 1207

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Field Service / Mobile Lab

Client Sample ID: CMW-14

Lab Sample ID: 660-33082-3

Client Matrix: Water

Date Sampled: 12/21/2009 1051

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	6.69		SU	1.0	Field Sampling	660-88970	12/21/2009 1051
Field Temperature	20.4		Degrees C	1.0	Field Sampling	660-88970	12/21/2009 1051
Oxygen, Dissolved	2.03		mg/L	1.0	Field Sampling	660-88970	12/21/2009 1051
Specific Conductance	262		umhos/cm	1.0	Field Sampling	660-88970	12/21/2009 1051
Turbidity	6.92		NTU	1.0	Field Sampling	660-88970	12/21/2009 1051

DATA REPORTING QUALIFIERS

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
GC/MS Semi VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
GC Semi VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

DATA REPORTING QUALIFIERS

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Section	Qualifier	Description
General Chemistry		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 660-88897/2

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2707.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1143

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1143

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acetonitrile	75	U	75	200
Acrolein	3.8	U	3.8	100
Acrylonitrile	1.2	U	1.2	100
Allyl chloride	2.5	U	2.5	5.0
Benzene	0.50	U	0.50	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
Chloroprene	2.5	U	2.5	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
Ethylbenzene	0.44	U	0.44	1.0
Ethyl methacrylate	2.5	U	2.5	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Isobutyl alcohol	31	U	31	200
Methacrylonitrile	1.8	U	1.8	100
Methylene Chloride	4.0	U	4.0	5.0
Methyl methacrylate	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Propionitrile	7.2	U	7.2	100
Styrene	0.98	U	0.98	2.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 660-88897/2

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2707.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1143

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1143

Analyte	Result	Qual	MDL	PQL
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	93	70 - 130
Dibromofluoromethane	96	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Control Sample - Batch: 660-88897

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-88897/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/27/2009 1041
Date Prepared: 12/27/2009 1041

Analysis Batch: 660-88897
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME GC/MS
Lab File ID: 1EL2704.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	102	102	62 - 142	J3
Acetonitrile	100	299	299	70 - 130	
Acrolein	400	280	70	54 - 145	
Acrylonitrile	200	193	97	10 - 183	
Allyl chloride	20.0	17.8	89	70 - 130	
Benzene	20.0	18.9	95	64 - 140	
Bromodichloromethane	20.0	20.0	100	70 - 130	
Bromoform	20.0	19.8	99	65 - 130	
Bromomethane	20.0	10.6	53	14 - 184	
2-Butanone (MEK)	100	105	105	63 - 140	
Carbon disulfide	10.0	8.32	83	30 - 184	
Carbon tetrachloride	20.0	19.1	95	53 - 145	
Chlorobenzene	20.0	19.5	98	70 - 130	
Chlorobromomethane	20.0	19.8	99	59 - 130	
Chlorodibromomethane	20.0	19.9	99	70 - 130	
Chloroethane	20.0	20.1	100	39 - 174	
Chloroform	20.0	18.5	93	59 - 130	
Chloromethane	20.0	9.88	49	35 - 153	
Chloroprene	20.0	22.8	114	70 - 130	
cis-1,2-Dichloroethene	20.0	19.5	98	61 - 130	
cis-1,3-Dichloropropene	20.0	20.2	101	70 - 130	
Dibromomethane	20.0	19.6	98	70 - 130	
Dichlorodifluoromethane	20.0	3.87	19	16 - 149	
1,1-Dichloroethane	20.0	18.1	91	60 - 132	
1,2-Dichloroethane	20.0	19.0	95	70 - 130	
1,1-Dichloroethene	20.0	15.6	78	51 - 157	
1,2-Dichloropropane	20.0	20.1	100	70 - 130	
1,3-Dichloropropane	20.0	20.0	100	70 - 130	
2,2-Dichloropropane	20.0	19.3	96	49 - 139	
1,1-Dichloropropene	20.0	19.2	96	58 - 146	
Ethylbenzene	20.0	20.3	102	69 - 131	
Ethyl methacrylate	20.0	20.3	102	70 - 130	
2-Hexanone	100	113	113	57 - 148	
Iodomethane	20.0	17.6	88	70 - 130	
Isobutyl alcohol	100	134	134	70 - 130	
Methacrylonitrile	100	107	107	70 - 130	
Methylene Chloride	20.0	17.3	86	57 - 130	
Methyl methacrylate	20.0	19.9	100	70 - 130	
4-Methyl-2-pentanone (MIBK)	100	109	109	64 - 137	
Propionitrile	100	100	100	70 - 130	
Styrene	20.0	20.9	104	62 - 136	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Control Sample - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-88897/1

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2704.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1041

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1041

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	20.0	20.0	100	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	67 - 130	
Tetrachloroethene	20.0	18.3	92	47 - 143	
Toluene	20.0	19.7	99	70 - 131	
trans-1,4-Dichloro-2-butene	20.0	22.8	114	70 - 130	
trans-1,2-Dichloroethene	20.0	16.8	84	55 - 145	
trans-1,3-Dichloropropene	20.0	19.3	97	62 - 130	
1,1,1-Trichloroethane	20.0	18.9	95	57 - 135	
1,1,2-Trichloroethane	20.0	19.8	99	69 - 130	
Trichloroethene	20.0	18.9	94	59 - 142	
Trichlorofluoromethane	20.0	17.9	89	62 - 147	
1,2,3-Trichloropropane	20.0	19.2	96	62 - 130	
Vinyl acetate	37.1	28.0	76	10 - 166	
Vinyl chloride	20.0	12.9	65	48 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Matrix Spike - Batch: 660-88897

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/27/2009 1301
Date Prepared: 12/27/2009 1301

Analysis Batch: 660-88897
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME GC/MS
Lab File ID: 1EL2711.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9 U	100	96.3	96	62 - 142	
Acetonitrile	75 U	100	286	286	70 - 130	J3
Acrolein	3.8 U	400	259	65	54 - 145	
Acrylonitrile	1.2 U	200	189	94	10 - 183	
Allyl chloride	2.5 U	20.0	17.1	85	70 - 130	
Benzene	0.50 U	20.0	18.1	90	64 - 140	
Bromodichloromethane	0.35 U	20.0	20.4	102	70 - 130	
Bromoform	0.58 U	20.0	19.3	96	65 - 130	
Bromomethane	2.5 U	20.0	9.80	49	14 - 184	
2-Butanone (MEK)	8.4 U	100	106	106	63 - 140	
Carbon disulfide	0.85 U	10.0	6.94	69	30 - 184	
Carbon tetrachloride	0.42 U	20.0	17.6	88	53 - 145	
Chlorobenzene	0.63 U	20.0	19.0	95	70 - 130	
Chlorobromomethane	0.58 U	20.0	18.2	91	59 - 130	
Chlorodibromomethane	0.34 U	20.0	20.0	100	70 - 130	
Chloroethane	2.5 U	20.0	18.3	91	39 - 174	
Chloroform	0.90 U	20.0	18.4	92	59 - 130	
Chloromethane	1.0 U	20.0	8.24	41	35 - 153	
Chloroprene	2.5 U	20.0	20.4	102	70 - 130	
cis-1,2-Dichloroethene	0.65 U	20.0	18.4	92	61 - 130	
cis-1,3-Dichloropropene	0.14 U	20.0	20.2	101	70 - 130	
Dibromomethane	0.41 U	20.0	19.6	98	70 - 130	
Dichlorodifluoromethane	2.5 U	20.0	3.02	15	16 - 149	I J3
1,1-Dichloroethane	0.52 U	20.0	17.6	88	60 - 132	
1,2-Dichloroethane	0.57 U	20.0	18.4	92	70 - 130	
1,1-Dichloroethene	0.45 U	20.0	13.7	69	51 - 157	
1,2-Dichloropropane	0.52 U	20.0	20.1	101	70 - 130	
1,3-Dichloropropane	0.39 U	20.0	20.9	104	70 - 130	
2,2-Dichloropropane	0.36 U	20.0	17.5	87	49 - 139	
1,1-Dichloropropene	0.31 U	20.0	17.3	87	58 - 146	
Ethylbenzene	0.44 U	20.0	20.2	101	69 - 131	
Ethyl methacrylate	2.5 U	20.0	21.1	106	70 - 130	
2-Hexanone	4.4 U	100	117	117	57 - 148	
Iodomethane	2.5 U	20.0	16.2	81	70 - 130	
Isobutyl alcohol	31 U	100	111	111	70 - 130	I
Methacrylonitrile	1.8 U	100	102	102	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Matrix Spike - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33082-1

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/27/2009 1301

Date Prepared: 12/27/2009 1301

Analysis Batch: 660-88897

Prep Batch: N/A

Units: ug/L

Instrument ID: BVME GC/MS

Lab File ID: 1EL2711.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Methylene Chloride	4.0	U	20.0	15.6	78	57 - 130	
Methyl methacrylate	2.5	U	20.0	20.4	102	70 - 130	
4-Methyl-2-pentanone (MIBK)	3.8	U	100	115	115	64 - 137	
Propionitrile	7.2	U	100	94.2	94	70 - 130	I
Styrene	0.98	U	20.0	20.7	104	62 - 136	
1,1,1,2-Tetrachloroethane	0.63	U	20.0	20.3	101	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	20.0	19.7	98	67 - 130	
Tetrachloroethene	0.50	U	20.0	17.5	88	47 - 143	
Toluene	0.51	U	20.0	19.3	96	70 - 131	
trans-1,4-Dichloro-2-butene	2.5	U	20.0	21.6	108	70 - 130	
trans-1,2-Dichloroethene	0.44	U	20.0	15.2	76	55 - 145	
trans-1,3-Dichloropropene	0.14	U	20.0	19.8	99	62 - 130	
1,1,1-Trichloroethane	0.46	U	20.0	17.7	88	57 - 135	
1,1,2-Trichloroethane	0.47	U	20.0	20.7	103	69 - 130	
Trichloroethene	0.50	U	20.0	17.4	87	59 - 142	
Trichlorofluoromethane	2.5	U	20.0	14.7	74	62 - 147	
1,2,3-Trichloropropane	0.18	U	20.0	19.3	97	62 - 130	
Vinyl acetate	1.5	U	37.1	27.5	74	10 - 166	
Vinyl chloride	0.50	U	20.0	10.6	53	48 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Duplicate - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33081-N-1 DU

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2710.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1242

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1242

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acetonitrile	75	U	75	NC	30	U J3
Acrolein	3.8	U	3.8	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Allyl chloride	2.5	U	2.5	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromodichloromethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U
Carbon disulfide	0.85	U	0.85	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chlorobromomethane	0.58	U	0.58	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
Chloroprene	2.5	U	2.5	NC	30	U
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
Dichlorodifluoromethane	2.5	U	2.5	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
1,3-Dichloropropane	0.39	U	0.39	NC	30	U
2,2-Dichloropropane	0.36	U	0.36	NC	30	U
1,1-Dichloropropene	0.31	U	0.31	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
Ethyl methacrylate	2.5	U	2.5	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Isobutyl alcohol	31	U	31	NC	30	U J3
Methacrylonitrile	1.8	U	1.8	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
Methyl methacrylate	2.5	U	2.5	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Duplicate - Batch: 660-88897

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-33081-N-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/27/2009 1242
Date Prepared: 12/27/2009 1242

Analysis Batch: 660-88897
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME GC/MS
Lab File ID: 1EL2710.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Propionitrile	7.2	U	7.2	NC	30	U
Styrene	0.98	U	0.98	NC	30	U
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U
Trichloroethene	0.50	U	0.50	NC	30	U
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U
Surrogate	% Rec		Acceptance Limits			
4-Bromofluorobenzene	95		70 - 130			
Dibromofluoromethane	98		70 - 130			
Toluene-d8 (Surr)	101		70 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88838

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 660-88838/1-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/28/2009 1835

Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091

Prep Batch: 660-88838

Units: ug/L

Instrument ID: HP 6890/5973

Lab File ID: 1DL28014.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Acetophenone	1.5	U	1.5	10
2-Acetylaminofluorene	0.77	U	0.77	10
4-Aminobiphenyl	0.81	U	0.81	10
Benzyl alcohol	2.9	U	2.9	10
Bis(2-chloroethoxy)methane	2.0	U	2.0	10
Bis(2-chloroethyl)ether	2.6	U	2.6	10
Bis(2-ethylhexyl) phthalate	1.3	U	1.3	6.0
4-Bromophenyl phenyl ether	1.7	U	1.7	10
Butyl benzyl phthalate	1.2	U	1.2	10
4-Chloroaniline	2.1	U	2.1	20
4-Chloro-3-methylphenol	1.7	U	1.7	10
2-Chloronaphthalene	1.6	U	1.6	10
2-Chlorophenol	2.1	U	2.1	10
4-Chlorophenyl phenyl ether	1.8	U	1.8	10
Diallate	1.4	U	1.4	10
Dibenzofuran	1.6	U	1.6	10
1,2-Dichlorobenzene	1.1	U	1.1	10
1,3-Dichlorobenzene	1.1	U	1.1	10
1,4-Dichlorobenzene	1.2	U	1.2	10
3,3'-Dichlorobenzidine	1.6	U	1.6	20
2,4-Dichlorophenol	1.8	U	1.8	10
2,6-Dichlorophenol	1.6	U	1.6	10
Diethyl phthalate	2.5	U	2.5	10
7,12-Dimethylbenz(a)anthracene	0.92	U	0.92	10
3,3'-Dimethylbenzidine	14	U	14	20
2,4-Dimethylphenol	1.8	U	1.8	10
Dimethyl phthalate	2.5	U	2.5	10
Di-n-butyl phthalate	2.5	U	2.5	10
1,3-Dinitrobenzene	0.99	U	0.99	10
4,6-Dinitro-2-methylphenol	1.5	U	1.5	50
2,4-Dinitrophenol	6.2	U	6.2	50
2,4-Dinitrotoluene	0.91	U	0.91	10
2,6-Dinitrotoluene	0.72	U	0.72	10
Di-n-octyl phthalate	2.5	U	2.5	10
Ethyl methanesulfonate	1.3	U	1.3	10
Hexachlorobenzene	1.7	U	1.7	4.0
Hexachlorobutadiene	1.0	U	1.0	10
Hexachlorocyclopentadiene	1.2	U	1.2	10
Hexachloroethane	0.85	U	0.85	10
Hexachloropropene	0.66	U	0.66	10
Isophorone	1.4	U	1.4	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: MB 660-88838/1-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/28/2009 1835

Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091

Prep Batch: 660-88838

Units: ug/L

Instrument ID: HP 6890/5973

Lab File ID: 1DL28014.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Isosafrole	1.6	U	1.6	10
Methapyrilene	1.1	U	1.1	2000
3-Methylcholanthrene	0.56	U	0.56	10
Methyl methanesulfonate	1.2	U	1.2	10
2-Methylphenol	2.3	U	2.3	10
3 & 4 Methylphenol	2.4	U	2.4	10
1,4-Naphthoquinone	1.1	U	1.1	10
1-Naphthylamine	0.84	U	0.84	10
2-Naphthylamine	1.0	U	1.0	10
2-Nitroaniline	1.4	U	1.4	50
3-Nitroaniline	1.2	U	1.2	50
4-Nitroaniline	1.4	U	1.4	50
Nitrobenzene	1.9	U	1.9	10
2-Nitrophenol	1.2	U	1.2	10
4-Nitrophenol	6.2	U	6.2	50
N-Nitro-o-toluidine	0.90	U	0.90	10
N-Nitrosodiethylamine	1.5	U	1.5	10
N-Nitrosodimethylamine	2.4	U	2.4	10
N-Nitrosodi-n-butylamine	1.5	U	1.5	10
N-Nitrosodi-n-propylamine	1.9	U	1.9	10
N-Nitrosodiphenylamine	1.6	U	1.6	10
N-Nitrosomethylethylamine	1.6	U	1.6	10
N-Nitrosopiperidine	0.87	U	0.87	10
N-Nitrosopyrrolidine	1.2	U	1.2	10
o,o',o"-Triethylphosphorothioate	1.8	U	1.8	10
p-Dimethylamino azobenzene	0.67	U	0.67	10
Pentachlorobenzene	0.99	U	0.99	10
Pentachloronitrobenzene	1.5	U	1.5	10
Pentachlorophenol	1.5	U	1.5	15
Phenacetin	0.84	U	0.84	10
Phenol	2.4	U	2.4	4.0
p-Phenylene diamine	3.1	U	3.1	2000
Pronamide	0.70	U	0.70	10
Safrole, Total	1.2	U	1.2	10
1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	10
2,3,4,6-Tetrachlorophenol	0.65	U	0.65	10
2-Toluidine	1.2	U	1.2	10
1,2,4-Trichlorobenzene	1.2	U	1.2	10
2,4,5-Trichlorophenol	2.1	U	2.1	10
2,4,6-Trichlorophenol	1.9	U	1.9	10
1,3,5-Trinitrobenzene	0.61	U	0.61	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: MB 660-88838/1-A

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL28014.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1000 mL

Date Analyzed: 12/28/2009 1835

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Surrogate	% Rec		Acceptance Limits	
2-Fluorobiphenyl	86		36 - 124	
2-Fluorophenol	62		29 - 121	
Nitrobenzene-d5	76		34 - 130	
Phenol-d5	52		25 - 128	
Terphenyl-d14	99		14 - 148	
2,4,6-Tribromophenol	82		29 - 143	

Method Blank - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: MB 660-88838/1-ARA2

Analysis Batch: 660-89091

Instrument ID: HP 6890/5973

Client Matrix: Water

Prep Batch: 660-88838

Lab File ID: 1DL30011.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1000 mL

Date Analyzed: 12/30/2009 1122

Run Type: RA2

Final Weight/Volume: 1 mL

Date Prepared: 12/23/2009 1328

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
o,o',o"-Triethylphosphorothioate	1.8	U	1.8	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Control Sample - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: LCS 660-88838/2-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/28/2009 2115

Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091

Prep Batch: 660-88838

Units: ug/L

Instrument ID: HP 6890/5973

Lab File ID: 1DL28020.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzyl alcohol	100	81.1	81	13 - 220	
Bis(2-chloroethoxy)methane	100	79.1	79	39 - 132	
Bis(2-chloroethyl)ether	100	78.4	78	34 - 135	
Bis(2-ethylhexyl) phthalate	100	87.7	88	45 - 134	
4-Bromophenyl phenyl ether	100	90.5	91	46 - 141	
Butyl benzyl phthalate	100	91.3	91	43 - 135	
4-Chloroaniline	100	58.0	58	10 - 130	
4-Chloro-3-methylphenol	100	79.5	79	41 - 130	
2-Chloronaphthalene	100	84.7	85	45 - 130	
2-Chlorophenol	100	75.1	75	40 - 130	
4-Chlorophenyl phenyl ether	100	87.9	88	45 - 134	
Dibenzofuran	100	92.1	92	46 - 133	
1,2-Dichlorobenzene	100	65.6	66	35 - 130	
1,3-Dichlorobenzene	100	63.3	63	33 - 130	
1,4-Dichlorobenzene	100	62.9	63	38 - 130	
3,3'-Dichlorobenzidine	100	21.8	22	10 - 130	
2,4-Dichlorophenol	100	82.4	82	40 - 135	
Diethyl phthalate	100	88.3	88	50 - 132	
2,4-Dimethylphenol	100	64.9	65	44 - 130	
Dimethyl phthalate	100	87.5	88	52 - 132	
Di-n-butyl phthalate	100	87.8	88	50 - 144	
4,6-Dinitro-2-methylphenol	100	74.5	75	10 - 197	
2,4-Dinitrophenol	100	70.1	70	10 - 375	
2,4-Dinitrotoluene	100	96.6	97	38 - 131	
2,6-Dinitrotoluene	100	88.0	88	54 - 132	
Di-n-octyl phthalate	100	93.9	94	37 - 136	
Hexachlorobenzene	100	91.6	92	35 - 136	
Hexachlorobutadiene	100	63.1	63	34 - 130	
Hexachlorocyclopentadiene	100	15.9	16	10 - 130	
Hexachloroethane	100	56.0	56	31 - 130	
Isophorone	100	80.2	80	46 - 150	
2-Methylphenol	100	74.4	74	40 - 130	
2-Nitroaniline	100	86.4	86	52 - 130	
3-Nitroaniline	100	79.1	79	10 - 148	
4-Nitroaniline	100	89.6	90	12 - 137	
Nitrobenzene	100	74.6	75	45 - 130	
2-Nitrophenol	100	82.7	83	44 - 134	
4-Nitrophenol	100	60.6	61	19 - 130	
N-Nitrosodimethylamine	100	60.7	61	24 - 130	
N-Nitrosodi-n-propylamine	100	83.8	84	37 - 130	
N-Nitrosodiphenylamine	100	62.1	62	28 - 139	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Control Sample - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: LCS 660-88838/2-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/28/2009 2115

Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091

Prep Batch: 660-88838

Units: ug/L

Instrument ID: HP 6890/5973

Lab File ID: 1DL28020.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	100	77.0	77	30 - 134	
Phenol	100	61.9	62	18 - 130	
2,3,4,6-Tetrachlorophenol	100	92.4	92	10 - 130	
1,2,4-Trichlorobenzene	100	66.0	66	39 - 130	
2,4,5-Trichlorophenol	100	89.1	89	48 - 130	
2,4,6-Trichlorophenol	100	86.3	86	47 - 131	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Matrix Spike - Batch: 660-88838

Method: 8270C
Preparation: 3520C

Lab Sample ID: 660-33082-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 2141
Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091
Prep Batch: 660-88838
Units: ug/L

Instrument ID: HP 6890/5973
Lab File ID: 1DL28021.D
Initial Weight/Volume: 1055 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Benzyl alcohol	2.7 U	94.8	54.1	57	13 - 220	
Bis(2-chloroethoxy)methane	1.9 U	94.8	52.4	55	39 - 132	
Bis(2-chloroethyl)ether	2.5 U	94.8	54.7	58	34 - 135	
Bis(2-ethylhexyl) phthalate	1.2 U	94.8	51.1	54	45 - 134	
4-Bromophenyl phenyl ether	1.6 U	94.8	62.6	66	46 - 141	
Butyl benzyl phthalate	1.1 U	94.8	57.2	60	43 - 135	
4-Chloroaniline	2.0 U	94.8	49.0	52	10 - 130	
4-Chloro-3-methylphenol	1.6 U	94.8	44.7	47	41 - 130	
2-Chloronaphthalene	1.5 U	94.8	59.5	63	45 - 130	
2-Chlorophenol	2.0 U	94.8	39.2	41	40 - 130	
4-Chlorophenyl phenyl ether	1.7 U	94.8	59.6	63	45 - 134	
Dibenzofuran	1.5 U	94.8	65.2	69	46 - 133	
1,2-Dichlorobenzene	1.0 U	94.8	47.5	50	35 - 130	
1,3-Dichlorobenzene	1.0 U	94.8	44.5	47	33 - 130	
1,4-Dichlorobenzene	1.1 U	94.8	45.7	48	38 - 130	
3,3'-Dichlorobenzidine	1.5 U	94.8	37.6	40	10 - 130	
2,4-Dichlorophenol	1.7 U	94.8	41.8	44	40 - 135	
Diethyl phthalate	2.4 U	94.8	49.5	52	50 - 132	
2,4-Dimethylphenol	1.7 U	94.8	35.3	37	44 - 130	J3
Dimethyl phthalate	2.4 U	94.8	47.6	50	52 - 132	J3
Di-n-butyl phthalate	2.4 U	94.8	52.8	56	50 - 144	
4,6-Dinitro-2-methylphenol	1.4 U	94.8	46.3	49	10 - 197	
2,4-Dinitrophenol	5.9 U	94.8	40.5	43	10 - 375	
2,4-Dinitrotoluene	0.86 U	94.8	69.7	73	38 - 131	
2,6-Dinitrotoluene	0.68 U	94.8	60.1	63	54 - 132	
Di-n-octyl phthalate	2.4 U	94.8	52.9	56	37 - 136	
Hexachlorobenzene	1.6 U	94.8	58.3	61	35 - 136	
Hexachlorobutadiene	0.95 U	94.8	41.1	43	34 - 130	
Hexachlorocyclopentadiene	1.1 U	94.8	15.0	16	10 - 130	
Hexachloroethane	0.81 U	94.8	39.0	41	31 - 130	
Isophorone	1.3 U	94.8	55.6	59	46 - 150	
2-Methylphenol	2.2 U	94.8	41.8	44	40 - 130	
2-Nitroaniline	1.3 U	94.8	62.3	66	52 - 130	
3-Nitroaniline	1.1 U	94.8	59.4	63	10 - 148	
4-Nitroaniline	1.3 U	94.8	62.9	66	12 - 137	
Nitrobenzene	1.8 U	94.8	52.4	55	45 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Matrix Spike - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: 660-33082-2

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/28/2009 2141

Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091

Prep Batch: 660-88838

Units: ug/L

Instrument ID: HP 6890/5973

Lab File ID: 1DL28021.D

Initial Weight/Volume: 1055 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
2-Nitrophenol	1.1	U	94.8	46.4	49	44 - 134	
4-Nitrophenol	5.9	U	94.8	31.9	34	19 - 130	
N-Nitrosodimethylamine	2.3	U	94.8	42.3	45	24 - 130	
N-Nitrosodi-n-propylamine	1.8	U	94.8	55.2	58	37 - 130	
N-Nitrosodiphenylamine	1.5	U	94.8	53.4	56	28 - 139	
Pentachlorophenol	1.4	U	94.8	47.3	50	30 - 134	
Phenol	2.3	U	94.8	33.3	35	18 - 130	
2,3,4,6-Tetrachlorophenol	0.62	U	94.8	50.1	53	10 - 130	
1,2,4-Trichlorobenzene	1.1	U	94.8	46.9	49	39 - 130	
2,4,5-Trichlorophenol	2.0	U	94.8	47.3	50	48 - 130	
2,4,6-Trichlorophenol	1.8	U	94.8	44.4	47	47 - 131	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Duplicate - Batch: 660-88838

Method: 8270C

Preparation: 3520C

Lab Sample ID: 660-33082-1

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/28/2009 2048

Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091

Prep Batch: 660-88838

Units: ug/L

Instrument ID: HP 6890/5973

Lab File ID: 1DL28019.D

Initial Weight/Volume: 1050 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Acetophenone	1.4 U	1.4	NC	50	U
2-Acetylaminofluorene	0.73 U	0.73	NC	50	U
4-Aminobiphenyl	0.77 U	0.77	NC	50	U
Benzyl alcohol	2.7 U	2.8	NC	32	U
Bis(2-chloroethoxy)methane	1.9 U	1.9	NC	20	U
Bis(2-chloroethyl)ether	2.5 U	2.5	NC	58	U
Bis(2-ethylhexyl) phthalate	1.2 U	1.2	NC	26	U
4-Bromophenyl phenyl ether	1.6 U	1.6	NC	26	U
Butyl benzyl phthalate	1.1 U	1.1	NC	41	U
4-Chloroaniline	2.0 U	2.0	NC	67	U
4-Chloro-3-methylphenol	1.6 U	1.6	NC	31	U
2-Chloronaphthalene	1.5 U	1.5	NC	22	U
2-Chlorophenol	2.0 U	2.0	NC	34	U
4-Chlorophenyl phenyl ether	1.7 U	1.7	NC	26	U
Diallate	1.3 U	1.3	NC	50	U
Dibenzofuran	1.5 U	1.5	NC	20	U
1,2-Dichlorobenzene	1.0 U	1.0	NC	30	U
1,3-Dichlorobenzene	1.0 U	1.0	NC	26	U
1,4-Dichlorobenzene	1.1 U	1.1	NC	31	U
3,3'-Dichlorobenzidine	1.5 U	1.5	NC	72	U
2,4-Dichlorophenol	1.7 U	1.7	NC	30	U
2,6-Dichlorophenol	1.5 U	1.5	NC	50	U
Diethyl phthalate	2.4 U	2.4	NC	49	U
7,12-Dimethylbenz(a)anthracene	0.87 U	0.88	NC	50	U
3,3'-Dimethylbenzidine	13 U	13	NC	100	U
2,4-Dimethylphenol	1.7 U	1.7	NC	43	U
Dimethyl phthalate	2.4 U	2.4	NC	31	U
Di-n-butyl phthalate	2.4 U	2.4	NC	29	U
1,3-Dinitrobenzene	0.94 U	0.94	NC	50	U
4,6-Dinitro-2-methylphenol	1.4 U	1.4	NC	33	U
2,4-Dinitrophenol	5.9 U	5.9	NC	63	U
2,4-Dinitrotoluene	0.86 U	0.87	NC	32	U
2,6-Dinitrotoluene	0.68 U	0.69	NC	24	U
Di-n-octyl phthalate	2.4 U	2.4	NC	33	U
Ethyl methanesulfonate	1.2 U	1.2	NC	50	U
Hexachlorobenzene	1.6 U	1.6	NC	31	U
Hexachlorobutadiene	0.95 U	0.95	NC	30	U
Hexachlorocyclopentadiene	1.1 U	1.1	NC	67	U
Hexachloroethane	0.81 U	0.81	NC	35	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Duplicate - Batch: 660-88838

Method: 8270C
Preparation: 3520C

Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 2048
Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091
Prep Batch: 660-88838
Units: ug/L

Instrument ID: HP 6890/5973
Lab File ID: 1DL28019.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Hexachloropropene	0.63	U	0.63	NC	50	U
Isophorone	1.3	U	1.3	NC	33	U
Isosafrole	1.5	U	1.5	NC	50	U
Methapyrilene	1.0	U	1.0	NC	100	U
3-Methylcholanthrene	0.53	U	0.53	NC	50	U
Methyl methanesulfonate	1.1	U	1.1	NC	50	U
2-Methylphenol	2.2	U	2.2	NC	33	U
3 & 4 Methylphenol	2.3	U	2.3	NC	27	U
1,4-Naphthoquinone	1.0	U	1.0	NC	50	U
1-Naphthylamine	0.80	U	0.80	NC	50	U
2-Naphthylamine	0.95	U	0.95	NC	50	U
2-Nitroaniline	1.3	U	1.3	NC	49	U
3-Nitroaniline	1.1	U	1.1	NC	57	U
4-Nitroaniline	1.3	U	1.3	NC	39	U
Nitrobenzene	1.8	U	1.8	NC	21	U
2-Nitrophenol	1.1	U	1.1	NC	24	U
4-Nitrophenol	5.9	U	5.9	NC	44	U
N-Nitro-o-toluidine	0.85	U	0.86	NC	50	U
N-Nitrosodiethylamine	1.4	U	1.4	NC	50	U
N-Nitrosodimethylamine	2.3	U	2.3	NC	31	U
N-Nitrosodi-n-butylamine	1.4	U	1.4	NC	50	U
N-Nitrosodi-n-propylamine	1.8	U	1.8	NC	30	U
N-Nitrosodiphenylamine	1.5	U	1.5	NC	25	U
N-Nitrosomethylethylamine	1.5	U	1.5	NC	50	U
N-Nitrosopiperidine	0.82	U	0.83	NC	50	U
N-Nitrosopyrrolidine	1.1	U	1.1	NC	50	U
p-Dimethylamino azobenzene	0.64	U	0.64	NC	50	U
Pentachlorobenzene	0.94	U	0.94	NC	50	U
Pentachloronitrobenzene	1.4	U	1.4	NC	50	U
Pentachlorophenol	1.4	U	1.4	NC	33	U
Phenacetin	0.80	U	0.80	NC	50	U
Phenol	2.3	U	2.3	NC	36	U
p-Phenylene diamine	2.9	U	3.0	NC	100	U
Pronamide	0.66	U	0.67	NC	50	U
Safrole, Total	1.1	U	1.1	NC	50	U
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	NC	50	U
2,3,4,6-Tetrachlorophenol	0.62	U	0.62	NC	31	U
2-Toluidine	1.1	U	1.1	NC	50	U
1,2,4-Trichlorobenzene	1.1	U	1.1	NC	28	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Duplicate - Batch: 660-88838

Method: 8270C
Preparation: 3520C

Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 2048
Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091
Prep Batch: 660-88838
Units: ug/L

Instrument ID: HP 6890/5973
Lab File ID: 1DL28019.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
2,4,5-Trichlorophenol	2.0	U	2.0	NC	28	U
2,4,6-Trichlorophenol	1.8	U	1.8	NC	22	U
1,3,5-Trinitrobenzene	0.58	U	0.58	NC	50	U

Surrogate	% Rec		Acceptance Limits			
2-Fluorobiphenyl	63		36 - 124			
2-Fluorophenol	39		29 - 121			
Nitrobenzene-d5	61		34 - 130			
Phenol-d5	37		25 - 128			
Terphenyl-d14	33		14 - 148			
2,4,6-Tribromophenol	47		29 - 143			

Duplicate - Batch: 660-88838

Method: 8270C
Preparation: 3520C

Lab Sample ID: 660-33082-1RA2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1407
Date Prepared: 12/23/2009 1328

Analysis Batch: 660-89091
Prep Batch: 660-88838
Units: ug/L
Run Type: RA2

Instrument ID: HP 6890/5973
Lab File ID: 1DL30017.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
o,o',o"-Triethylphosphorothioate	1.7	U	1.7	NC	50	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88837

Method: 8270C LL
Preparation: 3520C

Lab Sample ID: MB 660-88837/1-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/28/2009 0959

Date Prepared: 12/23/2009 1322

Analysis Batch: 660-88943

Prep Batch: 660-88837

Units: ug/L

Instrument ID: HP6890/5973

Lab File ID: 1AL28007.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Acenaphthene	0.50	U	0.50	2.0
Acenaphthylene	0.25	U	0.25	1.0
Anthracene	0.076	U	0.076	0.20
Benzo[a]anthracene	0.050	U	0.050	0.20
Benzo[a]pyrene	0.057	U	0.057	0.20
Benzo[b]fluoranthene	0.050	U	0.050	0.20
Benzo[g,h,i]perylene	0.10	U	0.10	0.50
Benzo[k]fluoranthene	0.057	U	0.057	0.20
Chrysene	0.069	U	0.069	0.20
Dibenz(a,h)anthracene	0.050	U	0.050	0.20
Fluoranthene	0.054	U	0.054	0.50
Fluorene	0.50	U	0.50	2.0
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.20
2-Methylnaphthalene	0.50	U	0.50	2.0
1-Methylnaphthalene	0.50	U	0.50	2.0
Naphthalene	0.25	U	0.25	2.0
Phenanthrene	0.20	U	0.20	0.50
Pyrene	0.089	U	0.089	0.50
Surrogate	% Rec	Acceptance Limits		
o-Terphenyl	90	30 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Control Sample - Batch: 660-88837

Method: 8270C LL
Preparation: 3520C

Lab Sample ID: LCS 660-88837/2-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/28/2009 1157

Date Prepared: 12/23/2009 1322

Analysis Batch: 660-88943

Prep Batch: 660-88837

Units: ug/L

Instrument ID: HP6890/5973

Lab File ID: 1AL28015.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1 mL

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	19.6	98	55 - 132	
Acenaphthylene	20.0	16.7	84	39 - 130	
Anthracene	20.0	17.3	87	28 - 130	
Benzo[a]anthracene	20.0	16.5	82	54 - 135	
Benzo[a]pyrene	20.0	13.1	66	10 - 130	
Benzo[b]fluoranthene	20.0	12.3	61	37 - 130	
Benzo[g,h,i]perylene	20.0	8.21	41	26 - 130	
Benzo[k]fluoranthene	20.0	10.5	53	38 - 130	
Chrysene	20.0	18.1	91	56 - 141	
Dibenz(a,h)anthracene	20.0	8.40	42	13 - 130	
Fluoranthene	20.0	19.5	98	60 - 140	
Fluorene	20.0	18.4	92	55 - 140	
Indeno[1,2,3-cd]pyrene	20.0	8.09	40	21 - 130	
2-Methylnaphthalene	20.0	17.2	86	48 - 130	
1-Methylnaphthalene	20.0	18.5	92	49 - 130	
Naphthalene	20.0	17.2	86	54 - 133	
Phenanthrene	20.0	21.2	106	60 - 136	
Pyrene	20.0	19.1	96	60 - 138	
Surrogate	% Rec		Acceptance Limits		
o-Terphenyl	89		30 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Matrix Spike - Batch: 660-88837

Method: 8270C LL
Preparation: 3520C

Lab Sample ID: 660-33082-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1142
Date Prepared: 12/23/2009 1322

Analysis Batch: 660-88943
Prep Batch: 660-88837
Units: ug/L

Instrument ID: HP6890/5973
Lab File ID: 1AL28014.D
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	0.47 U	18.9	12.3	65	55 - 132	
Acenaphthylene	0.24 U	18.9	10.2	54	39 - 130	
Anthracene	0.072 U	18.9	11.4	60	28 - 130	
Benzo[a]anthracene	0.047 U	18.9	8.55	45	54 - 135	J3
Benzo[a]pyrene	0.054 U	18.9	6.20	33	10 - 130	
Benzo[b]fluoranthene	0.047 U	18.9	7.12	38	37 - 130	
Benzo[g,h,i]perylene	0.095 U	18.9	3.46	18	26 - 130	J3
Benzo[k]fluoranthene	0.054 U	18.9	4.62	25	38 - 130	J3
Chrysene	0.065 U	18.9	8.52	45	56 - 141	J3
Dibenz(a,h)anthracene	0.047 U	18.9	3.63	19	13 - 130	
Fluoranthene	0.051 U	18.9	12.4	66	60 - 140	
Fluorene	0.47 U	18.9	11.4	61	55 - 140	
Indeno[1,2,3-cd]pyrene	0.047 U	18.9	4.07	22	21 - 130	
2-Methylnaphthalene	0.47 U	18.9	9.97	53	48 - 130	
1-Methylnaphthalene	0.47 U	18.9	10.7	57	49 - 130	
Naphthalene	0.24 U	18.9	9.75	52	54 - 133	J3
Phenanthrene	0.19 U	18.9	14.1	74	60 - 136	
Pyrene	0.084 U	18.9	12.4	66	60 - 138	
Surrogate	% Rec		Acceptance Limits			
o-Terphenyl	57		30 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Duplicate - Batch: 660-88837

**Method: 8270C LL
Preparation: 3520C**

Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1128
Date Prepared: 12/23/2009 1322

Analysis Batch: 660-88943
Prep Batch: 660-88837
Units: ug/L

Instrument ID: HP6890/5973
Lab File ID: 1AL28013.D
Initial Weight/Volume: 1055 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acenaphthene	0.47	U	0.47	NC	30	U
Acenaphthylene	0.24	U	0.24	NC	30	U
Anthracene	0.072	U	0.072	NC	30	U
Benzo[a]anthracene	0.047	U	0.047	NC	30	U
Benzo[a]pyrene	0.054	U	0.054	NC	30	U
Benzo[b]fluoranthene	0.047	U	0.047	NC	30	U
Benzo[g,h,i]perylene	0.094	U	0.095	NC	30	U
Benzo[k]fluoranthene	0.054	U	0.054	NC	30	U
Chrysene	0.065	U	0.065	NC	30	U
Dibenz(a,h)anthracene	0.047	U	0.047	NC	30	U
Fluoranthene	0.051	U	0.051	NC	30	U
Fluorene	0.47	U	0.47	NC	30	U
Indeno[1,2,3-cd]pyrene	0.047	U	0.047	NC	30	U
2-Methylnaphthalene	0.47	U	0.47	NC	30	U
1-Methylnaphthalene	0.47	U	0.47	NC	30	U
Naphthalene	0.24	U	0.24	NC	30	U
Phenanthrene	0.19	U	0.19	NC	30	U
Pyrene	0.084	U	0.084	NC	30	U
Surrogate	% Rec		Acceptance Limits			
o-Terphenyl	55		30 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88820

Lab Sample ID: MB 660-88820/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1741
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Method: 8011 Preparation: 8011

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U013.D
Initial Weight/Volume: 35.1456 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	% Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	86	60 - 140

Lab Control Sample/ Lab Control Sample Duplicate Recovery Report - Batch: 660-88820

Method: 8011 Preparation: 8011

LCS Lab Sample ID: LCS 660-88820/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1801
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U014.D
Initial Weight/Volume: 34.8849 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-88820/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1822
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U015.D
Initial Weight/Volume: 35.0821 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,2-Dibromo-3-Chloropropane	102	101	60 - 140	1	40		
Ethylene Dibromide	98	97	60 - 140	1	40		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Matrix Spike - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: 640-25259-A-1-B MS

Analysis Batch: 660-88825

Instrument ID: HP 5890 DUAL ECD

Client Matrix: Water

Prep Batch: 660-88820

Lab File ID: 1L22U017.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 37.2010 g

Date Analyzed: 12/22/2009 1903

Final Weight/Volume: 2.0 mL

Date Prepared: 12/22/2009 1330

Injection Volume: 4 uL

Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0094	U	0.235	0.222	95	60 - 140	
Ethylene Dibromide	0.0094	U	0.235	0.204	87	60 - 140	

Duplicate - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: 660-33070-J-1-B DU

Analysis Batch: 660-88825

Instrument ID: HP 5890 DUAL ECD

Client Matrix: Water

Prep Batch: 660-88820

Lab File ID: 1L22U019.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 36.1996 mL

Date Analyzed: 12/22/2009 1944

Final Weight/Volume: 2.0 mL

Date Prepared: 12/22/2009 1330

Injection Volume: 4 uL

Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0099	U	0.0097	NC	40	U
Ethylene Dibromide	0.0099	U	0.0097	NC	40	U

Surrogate	% Rec		Acceptance Limits			
1,1,1,2-Tetrachloroethane	96		60	-	140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88813

Method: 8081A

Preparation: 3510C

Lab Sample ID: MB 660-88813/1-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/29/2009 2057

Date Prepared: 12/23/2009 0651

Analysis Batch: 660-89042

Prep Batch: 660-88813

Units: ug/L

Instrument ID: AGILENT GC ECD/ECD

Lab File ID: 1L29J025.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 10 mL

Injection Volume: 2 uL

Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
Aldrin	0.0018	U	0.0018	0.010
alpha-BHC	0.0028	U	0.0028	0.010
beta-BHC	0.0027	U	0.0027	0.010
Chlordane (technical)	0.057	U	0.057	0.50
Chlorobenzilate	0.075	U	0.075	0.50
4,4'-DDD	0.0041	U	0.0041	0.010
4,4'-DDE	0.0055	U	0.0055	0.010
4,4'-DDT	0.0032	U	0.0032	0.010
delta-BHC	0.0028	U	0.0028	0.010
Dieldrin	0.0014	U	0.0014	0.010
Endosulfan I	0.0034	U	0.0034	0.010
Endosulfan II	0.0033	U	0.0033	0.010
Endosulfan sulfate	0.0030	U	0.0030	0.010
Endrin	0.0031	U	0.0031	0.010
Endrin aldehyde	0.0032	U	0.0032	0.010
gamma-BHC (Lindane)	0.0026	U	0.0026	0.010
Heptachlor	0.0031	U	0.0031	0.010
Heptachlor epoxide	0.0031	U	0.0031	0.010
Isodrin	0.0061	U	0.0061	0.050
Kepone	0.083	U	0.083	1.0
Methoxychlor	0.0051	U	0.0051	0.010
Toxaphene	0.72	U	0.72	3.0
Surrogate	% Rec	Acceptance Limits		
DCB Decachlorobiphenyl	75	30 - 150		
Tetrachloro-m-xylene	51	30 - 150		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Control Sample - Batch: 660-88813

Method: 8081A

Preparation: 3510C

Lab Sample ID: LCS 660-88813/2-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/29/2009 2110

Date Prepared: 12/23/2009 0651

Analysis Batch: 660-89042

Prep Batch: 660-88813

Units: ug/L

Instrument ID: AGILENT GC ECD/ECD

Lab File ID: 1L29J026.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 10 mL

Injection Volume: 2 uL

Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.500	0.329	66	31 - 130	
alpha-BHC	0.500	0.400	80	48 - 130	
beta-BHC	0.500	0.409	82	41 - 130	
4,4'-DDD	0.500	0.391	78	37 - 139	
4,4'-DDE	0.500	0.383	77	39 - 130	
4,4'-DDT	0.500	0.410	82	46 - 130	
delta-BHC	0.500	0.383	77	42 - 130	
Dieldrin	0.500	0.390	78	51 - 130	
Endosulfan I	0.500	0.375	75	40 - 130	
Endosulfan II	0.500	0.375	75	41 - 130	
Endosulfan sulfate	0.500	0.373	75	33 - 142	
Endrin	0.500	0.389	78	49 - 130	
Endrin aldehyde	0.500	0.367	73	34 - 132	
gamma-BHC (Lindane)	0.500	0.396	79	53 - 130	
Heptachlor	0.500	0.342	68	36 - 130	
Heptachlor epoxide	0.500	0.379	76	41 - 130	
Methoxychlor	0.500	0.402	80	45 - 130	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	82		30 - 150		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Matrix Spike - Batch: 660-88813

Method: 8081A
Preparation: 3510C

Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 2217
Date Prepared: 12/23/2009 0651

Analysis Batch: 660-89042
Prep Batch: 660-88813
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1L29J031.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	0.0017	U	0.476	0.307	65	31 - 130	
alpha-BHC	0.0027	U	0.476	0.339	71	48 - 130	
beta-BHC	0.0025	U	0.476	0.352	74	41 - 130	
4,4'-DDD	0.0039	U	0.476	0.310	65	37 - 139	
4,4'-DDE	0.0052	U	0.476	0.307	64	39 - 130	
4,4'-DDT	0.0030	U	0.476	0.332	70	46 - 130	
delta-BHC	0.0026	U	0.476	0.339	71	42 - 130	
Dieldrin	0.0013	U	0.476	0.318	67	51 - 130	
Endosulfan I	0.0033	U	0.476	0.308	65	40 - 130	
Endosulfan II	0.0031	U	0.476	0.303	64	41 - 130	
Endosulfan sulfate	0.0028	U	0.476	0.309	65	33 - 142	
Endrin	0.0030	U	0.476	0.329	69	49 - 130	
Endrin aldehyde	0.0030	U	0.476	0.299	63	34 - 132	
gamma-BHC (Lindane)	0.0025	U	0.476	0.336	71	53 - 130	
Heptachlor	0.0029	U	0.476	0.313	66	36 - 130	
Heptachlor epoxide	0.0030	U	0.476	0.311	65	41 - 130	
Methoxychlor	0.0048	U	0.476	0.320	67	45 - 130	
Surrogate	% Rec		Acceptance Limits				
DCB Decachlorobiphenyl	49		30 - 150				

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Duplicate - Batch: 660-88813

Method: 8081A

Preparation: 3510C

Lab Sample ID: 660-33082-2

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/29/2009 2231

Date Prepared: 12/23/2009 0651

Analysis Batch: 660-89042

Prep Batch: 660-88813

Units: ug/L

Instrument ID: AGILENT GC ECD/ECD

Lab File ID: 1L29J032.D

Initial Weight/Volume: 1055 mL

Final Weight/Volume: 10 mL

Injection Volume: 2 uL

Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aldrin	0.0017	U	0.0017	NC	25	U
alpha-BHC	0.0027	U	0.0027	NC	30	U
beta-BHC	0.0025	U	0.0025	NC	35	U
Chlordane (technical)	0.054	U	0.054	NC	30	U
Chlorobenzilate	0.071	U	0.071	NC	40	U
4,4'-DDD	0.0039	U	0.0039	NC	39	U
4,4'-DDE	0.0052	U	0.0052	NC	18	U
4,4'-DDT	0.0030	U	0.0030	NC	27	U
delta-BHC	0.0026	U	0.0026	NC	41	U
Dieldrin	0.0013	U	0.0013	NC	42	U
Endosulfan I	0.0032	U	0.0032	NC	24	U
Endosulfan II	0.0031	U	0.0031	NC	22	U
Endosulfan sulfate	0.0028	U	0.0028	NC	28	U
Endrin	0.0030	U	0.0030	NC	25	U
Endrin aldehyde	0.0030	U	0.0030	NC	34	U
gamma-BHC (Lindane)	0.0025	U	0.0025	NC	26	U
Heptachlor	0.0029	U	0.0029	NC	26	U
Heptachlor epoxide	0.0030	U	0.0030	NC	31	U
Isodrin	0.0058	U	0.0058	NC	40	U
Kepone	0.079	U	0.079	NC	50	U
Methoxychlor	0.0048	U	0.0048	NC	43	U
Toxaphene	0.68	U	0.68	NC	30	U

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	49	30 - 150
Tetrachloro-m-xylene	69	30 - 150

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88813

Method: 8082

Preparation: 3510C

Lab Sample ID: MB 660-88813/1-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/24/2009 1325

Date Prepared: 12/23/2009 0651

Analysis Batch: 660-88976

Prep Batch: 660-88813

Units: ug/L

Instrument ID: Agilent 6890 ECD/ECD

Lab File ID: 1L24K018.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 10 mL

Injection Volume: 2 uL

Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
PCB-1016	0.26	U	0.26	0.50
PCB-1221	0.15	U	0.15	0.50
PCB-1232	0.38	U	0.38	0.50
PCB-1242	0.23	U	0.23	0.50
PCB-1248	0.13	U	0.13	0.50
PCB-1254	0.12	U	0.12	0.50
PCB-1260	0.32	U	0.32	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	80	30 - 150
Tetrachloro-m-xylene	59	30 - 150

Lab Control Sample - Batch: 660-88813

Method: 8082

Preparation: 3510C

Lab Sample ID: LCS 660-88813/3-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/24/2009 1342

Date Prepared: 12/23/2009 0651

Analysis Batch: 660-88976

Prep Batch: 660-88813

Units: ug/L

Instrument ID: Agilent 6890 ECD/ECD

Lab File ID: 1L24K019.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 10 mL

Injection Volume: 2 uL

Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	4.27	85	34 - 130	
PCB-1260	5.00	4.43	89	54 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Matrix Spike - Batch: 660-88813

Method: 8082

Preparation: 3510C

Lab Sample ID: 660-33084-F-1-A MS

Analysis Batch: 660-88976

Instrument ID: Agilent 6890 ECD/ECD

Client Matrix: Water

Prep Batch: 660-88813

Lab File ID: 1L28K021.D

Dilution: 4.0

Units: ug/L

Initial Weight/Volume: 1040 mL

Date Analyzed: 12/28/2009 1636

Final Weight/Volume: 10 mL

Date Prepared: 12/23/2009 0651

Injection Volume: 2 uL

Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	1.0	U	4.81	3.65	76	34 - 130	
PCB-1260	1.2	U	4.81	2.46	51	54 - 130	J3

Duplicate - Batch: 660-88813

Method: 8082

Preparation: 3510C

Lab Sample ID: 660-33082-3

Analysis Batch: 660-88976

Instrument ID: Agilent 6890 ECD/ECD

Client Matrix: Water

Prep Batch: 660-88813

Lab File ID: 1L24K025.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1050 mL

Date Analyzed: 12/24/2009 1524

Final Weight/Volume: 10 mL

Date Prepared: 12/23/2009 0651

Injection Volume: 2 uL

Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
PCB-1016	0.25	U	0.25	NC	34	U
PCB-1221	0.14	U	0.14	NC	110	U
PCB-1232	0.36	U	0.36	NC	86	U
PCB-1242	0.22	U	0.22	NC	74	U
PCB-1248	0.12	U	0.12	NC	30	U
PCB-1254	0.11	U	0.11	NC	39	U
PCB-1260	0.30	U	0.30	NC	34	U

Surrogate	% Rec		Acceptance Limits			
DCB Decachlorobiphenyl	55		30	-	150	
Tetrachloro-m-xylene	72		30	-	150	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88839

Method: 8141A
Preparation: 3520C

Lab Sample ID: MB 660-88839/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1217
Date Prepared: 12/23/2009 1331

Analysis Batch: 660-89037
Prep Batch: 660-88839
Units: ug/L

Instrument ID: HP 6890 NPD/NPD
Lab File ID: 1L29R053.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
Dimethoate	0.060	U	0.060	1.0
Disulfoton	0.090	U	0.090	1.0
Famphur	0.25	U	0.25	1.0
Methyl parathion	0.055	U	0.055	0.25
Parathion	0.12	U	0.12	0.50
Thionazin	0.12	U	0.12	0.50
Phorate	0.10	U	0.10	0.50
Surrogate	% Rec	Acceptance Limits		
Triphenylphosphate	112	16 - 164		

Lab Control Sample - Batch: 660-88839

Method: 8141A
Preparation: 3520C

Lab Sample ID: LCS 660-88839/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1242
Date Prepared: 12/23/2009 1331

Analysis Batch: 660-89037
Prep Batch: 660-88839
Units: ug/L

Instrument ID: HP 6890 NPD/NPD
Lab File ID: 1L29R054.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dimethoate	5.00	3.85	77	14 - 130	
Disulfoton	5.00	2.85	57	42 - 130	
Methyl parathion	5.00	4.37	87	38 - 149	
Parathion	5.00	3.59	72	28 - 155	
Phorate	5.00	3.28	66	28 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Matrix Spike - Batch: 660-88839

Method: 8141A

Preparation: 3520C

Lab Sample ID: 660-33082-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1422
Date Prepared: 12/23/2009 1331

Analysis Batch: 660-89037
Prep Batch: 660-88839
Units: ug/L

Instrument ID: HP 6890 NPD/NPD
Lab File ID: 1L29R058.D
Initial Weight/Volume: 1055 mL
Final Weight/Volume: 1 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Dimethoate	0.057	U	4.74	3.31	70	14 - 130	
Disulfoton	0.085	U	4.74	2.70	57	42 - 130	
Methyl parathion	0.052	U	4.74	4.14	87	38 - 149	
Parathion	0.12	U	4.74	3.48	73	28 - 155	
Phorate	0.094	U	4.74	2.78	59	28 - 130	

Duplicate - Batch: 660-88839

Method: 8141A

Preparation: 3520C

Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1332
Date Prepared: 12/23/2009 1331

Analysis Batch: 660-89037
Prep Batch: 660-88839
Units: ug/L

Instrument ID: HP 6890 NPD/NPD
Lab File ID: 1L29R056.D
Initial Weight/Volume: 1055 mL
Final Weight/Volume: 1 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Dimethoate	0.057	U	0.057	NC	40	U
Disulfoton	0.085	U	0.085	NC	66	U
Famphur	0.24	U	0.24	NC	60	U
Methyl parathion	0.052	U	0.052	NC	40	U
Parathion	0.12	U	0.12	NC	34	U
Thionazin	0.12	U	0.12	NC	60	U
Phorate	0.095	U	0.095	NC	40	U

Surrogate	% Rec		Acceptance Limits			
Triphenylphosphate	50		16 - 164			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88914

Method: 8151A
Preparation: 8151A

Lab Sample ID: MB 660-88914/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/01/2010 0157
Date Prepared: 12/28/2009 1152

Analysis Batch: 660-89100
Prep Batch: 660-88914
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1L31J033.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
2,4-D	1.0	U	1.0	5.0
2,4,5-T	1.0	U	1.0	5.0
Silvex (2,4,5-TP)	1.0	U	1.0	5.0
Dinoseb	1.0	U	1.0	6.0

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	83	33 - 120

Lab Control Sample - Batch: 660-88914

Method: 8151A
Preparation: 8151A

Lab Sample ID: LCS 660-88914/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/01/2010 0216
Date Prepared: 12/28/2009 1152

Analysis Batch: 660-89100
Prep Batch: 660-88914
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1L31J034.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4-D	2.50	2.19	88	60 - 130	I
2,4,5-T	2.50	2.36	94	50 - 130	I
Silvex (2,4,5-TP)	2.50	2.16	86	33 - 130	I
Dinoseb	2.50	1.20	48	10 - 130	I

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-88914**

**Method: 8151A
Preparation: 8151A**

MS Lab Sample ID: 660-33082-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/01/2010 0324
Date Prepared: 12/28/2009 1152

Analysis Batch: 660-89100
Prep Batch: 660-88914

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1L31J038.D
Initial Weight/Volume: 1055 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

MSD Lab Sample ID: 660-33082-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/01/2010 0342
Date Prepared: 12/28/2009 1152

Analysis Batch: 660-89100
Prep Batch: 660-88914

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1L31J039.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2,4-D	82	76	60 - 130	7	78		
2,4,5-T	93	90	50 - 130	3	48		
Silvex (2,4,5-TP)	81	81	33 - 130	0	66		
Dinoseb	60	62	10 - 130	4	115		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 680-157391

Lab Sample ID: MB 680-157391/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 0854
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391
Units: mg/L

Method: 6020A Preparation: 3005A Total Recoverable

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.25	U	0.25	0.50

Method Blank - Batch: 680-157391

Lab Sample ID: MB 680-157391/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 0854
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391
Units: ug/L

Method: 6020A Preparation: 3005A Total Recoverable

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	1.3	U	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	33	U	33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20
Tin	1.3	U	1.3	5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Lab Control Sample - Batch: 680-157391

Method: 6020A

Preparation: 3005A

Total Recoverable

Lab Sample ID: LCS 680-157391/12-A

Analysis Batch: 680-157501

Instrument ID: ICP MS - B

Client Matrix: Water

Prep Batch: 680-157391

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/31/2009 1127

Final Weight/Volume: 250 mL

Date Prepared: 12/30/2009 1123

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	5.00	4.80	96	75 - 125	

Lab Control Sample - Batch: 680-157391

Method: 6020A

Preparation: 3005A

Total Recoverable

Lab Sample ID: LCS 680-157391/12-A

Analysis Batch: 680-157501

Instrument ID: ICP MS - B

Client Matrix: Water

Prep Batch: 680-157391

Lab File ID: N/A

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/31/2009 1127

Final Weight/Volume: 250 mL

Date Prepared: 12/30/2009 1123

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	46.8	94	75 - 125	
Arsenic	100	96.4	96	75 - 125	
Barium	100	94.7	95	75 - 125	
Beryllium	50.0	46.1	92	75 - 125	
Cadmium	50.0	48.1	96	75 - 125	
Chromium	100	89.1	89	75 - 125	
Cobalt	50.0	45.7	91	75 - 125	
Copper	100	91.2	91	75 - 125	
Iron	5000	4760	95	75 - 125	
Lead	50.0	47.7	95	75 - 125	
Nickel	100	89.6	90	75 - 125	
Selenium	100	93.5	94	75 - 125	
Silver	50.0	47.6	95	75 - 125	
Thallium	40.0	38.7	97	75 - 125	
Vanadium	100	91.8	92	75 - 125	
Zinc	100	98.0	98	75 - 125	
Tin	100	91.5	92	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-157391**

**Method: 6020A
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 0959
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1022
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	120	122	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-157391**

**Method: 6020A
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 0959
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1022
Date Prepared: 12/30/2009 1123

Analysis Batch: 680-157501
Prep Batch: 680-157391

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Antimony	118	117	75 - 125	1	20		
Arsenic	123	121	75 - 125	2	20		
Barium	120	120	75 - 125	0	20		
Beryllium	118	117	75 - 125	1	20		
Cadmium	121	119	75 - 125	2	20		
Chromium	115	113	75 - 125	2	20		
Cobalt	115	114	75 - 125	1	20		
Copper	117	115	75 - 125	2	20		
Iron	122	122	75 - 125	0	20		
Lead	121	119	75 - 125	1	20		
Nickel	116	114	75 - 125	2	20		
Selenium	120	120	75 - 125	1	20		
Silver	119	118	75 - 125	1	20		
Thallium	123	122	75 - 125	1	20		
Vanadium	118	115	75 - 125	2	20		
Zinc	121	120	75 - 125	1	20		
Tin	116	114	75 - 125	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 680-157275

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 680-157275/16-A

Analysis Batch: 680-157533

Instrument ID: LEEMAN1

Client Matrix: Water

Prep Batch: 680-157275

Lab File ID: N/A

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/31/2009 1352

Final Weight/Volume: 50 mL

Date Prepared: 12/29/2009 1024

Analyte	Result	Qual	MDL	PQL
Mercury	0.091	U	0.091	0.20

Lab Control Sample - Batch: 680-157275

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 680-157275/17-A

Analysis Batch: 680-157533

Instrument ID: LEEMAN1

Client Matrix: Water

Prep Batch: 680-157275

Lab File ID: N/A

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/31/2009 1355

Final Weight/Volume: 50 mL

Date Prepared: 12/29/2009 1024

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.37	95	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-157275

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 660-33081-G-1-B MS

Analysis Batch: 680-157533

Instrument ID: LEEMAN1

Client Matrix: Water

Prep Batch: 680-157275

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 50 mL

Date Analyzed: 12/31/2009 1402

Final Weight/Volume: 50 mL

Date Prepared: 12/29/2009 1024

MSD Lab Sample ID: 660-33081-G-1-C MSD

Analysis Batch: 680-157533

Instrument ID: LEEMAN1

Client Matrix: Water

Prep Batch: 680-157275

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 50 mL

Date Analyzed: 12/31/2009 1405

Final Weight/Volume: 50 mL

Date Prepared: 12/29/2009 1024

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	97	96	80 - 120	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88818

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-88818/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1259
Date Prepared: N/A

Analysis Batch: 660-88818
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-88818

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-88818/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1320
Date Prepared: N/A

Analysis Batch: 660-88818
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.57	96	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88818

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-33077-G-10 MS ^2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/22/2009 2010
Date Prepared: N/A

Analysis Batch: 660-88818
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1 mL

MSD Lab Sample ID: 660-33077-G-10 MSD ^2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/22/2009 2032
Date Prepared: N/A

Analysis Batch: 660-88818
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	89	90	90 - 110	1	30	J3	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88879

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-88879/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1010
Date Prepared: N/A

Analysis Batch: 660-88879
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-88879

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-88879/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1028
Date Prepared: N/A

Analysis Batch: 660-88879
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.3	103	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88879

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-33082-2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/24/2009 1145
Date Prepared: N/A

Analysis Batch: 660-88879
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 660-33082-2
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/24/2009 1202
Date Prepared: N/A

Analysis Batch: 660-88879
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	99	96	90 - 110	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88985

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-88985/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1324
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Ammonia (as N)	0.010	U	0.010	0.020

Lab Control Sample - Batch: 660-88985

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-88985/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1326
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.498	100	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88985

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1328
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1329
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia (as N)	87	89	90 - 110	2	30	J3	J3

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88822

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-88822/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrite as N	0.10	U	0.10	0.50
Nitrite as N	0.10	U	0.10	0.50
Nitrate as N	0.10	U	0.10	0.50

Lab Control Sample - Batch: 660-88822

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-88822/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.994	99	90 - 110	
Nitrite as N	1.00	0.949	95	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-88822**

**Method: 353.2
Preparation: N/A**

MS Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-33082-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	106	102	90 - 110	2	30		
Nitrite as N	104	106	90 - 110	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88821

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-88821/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0952
Date Prepared: N/A

Analysis Batch: 660-88821
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	PQL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Lab Control Sample - Batch: 660-88821

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-88821/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0952
Date Prepared: N/A

Analysis Batch: 660-88821
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9850	98	80 - 120	

Duplicate - Batch: 660-88821

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-33077-H-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0954
Date Prepared: N/A

Analysis Batch: 660-88821
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	1400	1350	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88891

Method: SM 4500 CN E
Preparation: SM 4500 CN C

Lab Sample ID: MB 660-88891/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1540
Date Prepared: 12/24/2009 1030

Analysis Batch: 660-88892
Prep Batch: 660-88891
Units: mg/L

Instrument ID: HACH 2500 Spec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 6 mL

Analyte	Result	Qual	MDL	PQL
Cyanide, Total	0.0050	U	0.0050	0.010

Lab Control Sample - Batch: 660-88891

Method: SM 4500 CN E
Preparation: SM 4500 CN C

Lab Sample ID: LCS 660-88891/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1540
Date Prepared: 12/24/2009 1030

Analysis Batch: 660-88892
Prep Batch: 660-88891
Units: mg/L

Instrument ID: HACH 2500 Spec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 6 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.0500	0.0508	102	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88891

Method: SM 4500 CN E
Preparation: SM 4500 CN C

MS Lab Sample ID: 660-33082-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1540
Date Prepared: 12/24/2009 1030

Analysis Batch: 660-88892
Prep Batch: 660-88891

Instrument ID: HACH 2500 Spec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 6 mL

MSD Lab Sample ID: 660-33082-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1540
Date Prepared: 12/24/2009 1030

Analysis Batch: 660-88892
Prep Batch: 660-88891

Instrument ID: HACH 2500 Spec
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 6 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Cyanide, Total	99	94	80 - 120	5	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Method Blank - Batch: 660-88887

Method: SM 4500 S2 F

Preparation: N/A

Lab Sample ID: MB 660-88887/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1600
Date Prepared: N/A

Analysis Batch: 660-88887
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	PQL	PQL
Sulfide	1.0	U	1.0	1.0

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 660-88887

Method: SM 4500 S2 F

Preparation: N/A

LCS Lab Sample ID: LCS 660-88887/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1600
Date Prepared: N/A

Analysis Batch: 660-88887
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 250 mL

LCSD Lab Sample ID: LCSD 660-88887/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2009 1600
Date Prepared: N/A

Analysis Batch: 660-88887
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Sulfide	99	98	75 - 125	1	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bottle Order Information

Order Completion Information

Bottle Order: Compliance Wells
Bottle Order #: 8457
Date Order Posted: 12/10/2009 10:36:43AM
Order Status: Ready To Process
Prepared By: Nancy Robertson
Deliver By Date: 12/11/2009 2:00:00PM
Lab Project Number: 66003127

12-11-09

Filled by:
Sent Date:
Sent Via:
Tracking #:

Sets	Bottles/Set	Qty	Bottle / Vial Description	Preservative	Method	Matrix	Sample Type	Comments
3	1	3	Plastic 500ml - with Zn Acetate and NaOH	Zinc Acetate and Sodium Hydroxide	SM4500_S2_F - Sulfide	Water	Normal	
3	1	3	Plastic 250ml - with Sulfuric Acid	Sulfuric Acid	350.1 - Ammonia (as N)	Water	Normal	
3	1	3	Plastic 250ml - with Nitric Acid	Nitric Acid	6010B - ICP Metals 7470A - Mercury	Water	Normal	
3	2	6	Amber Glass 1 liter - unpreserved	None	8081A - Organochlorine Pesticides	Water	Normal	
3	2	6	Amber Glass 1 liter - unpreserved	None	8082 - Polychlorinated Biphenyls (PCBs)	Water	Normal	
3	2	6	Amber Glass 1 liter - unpreserved	None	8141A - Appendix II Pesticides	Water	Normal	
3	2	6	Amber Glass 1 liter - unpreserved	None	8151A - Appendix II Herbicides	Water	Normal	
3	2	6	Amber Glass 1 liter - unpreserved	None	8270C - Appendix 2 SemiVols	Water	Normal	
3	2	6	Amber Glass 1 liter - unpreserved	None	8270C_LL - Low-Level PAH	Water	Normal	
3	1	3	Plastic 500ml - unpreserved	None	300.0_28D - Chloride 353.2 - Nitrate	Water	Normal	
3	1	3	Plastic 500ml - unpreserved	None	2540C - Total Dissolved Solids	Water	Normal	
3	1	3	Plastic 250ml - with Sodium Hydroxide	Sodium Hydroxide	4500_CN_E - Cyanide, Total	Water	Normal	
3	3	9	Voa Vial 40ml - unpreserved	None	8011 - EDB, DBCP	Water	Normal	
3	3	36	Voa Vial 40ml - unpreserved	None	8260B - VOCs	Water	Normal	
3	1	12	Plastic 250ml - with Nitric Acid	Nitric Acid		Water	Normal	
1	2	2	Voa Vial 40ml - unpreserved	None	8260B - VOCs	Water	Trip Blank	

JOB NUMBER: 666-33082 Logged in TALS By: Charles VolzCooler Received on (date) 12-21-09 And Opened By (full name): Charles Volz1. Shipper (circle one) FEDEX UPS DHL WALK-IN COURIER OTHER: _____

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: CU-07 2.1°C, 2.4°C, 1.7°C, 2.0°C, 1.9°C, 1.8°C, 2.2°C, 2.3°C
Degrees Celsius4. Number of H₂SO₄ (sulfuric acid) preserved containers: 3All containers pH < 2? yes If not please comment below:

5. Number of HCL (hydrochloric acid) preserved containers: _____

All containers pH < 2? _____ If not please comment below:

6. Number of HNO₃ (nitric acid) preserved containers: 6All containers pH < 2? yes If not please comment below:7. Number of NaOH (sodium hydroxide) preserved containers: 6All containers pH > 12? yes If not please comment below:8. Number of Unpreserved containers: 42All containers pH between 6 and 8? yes If not please comment below:9. Was chlorine present in any of the unpreserved containers? NO

If yes, which samples? _____

Login Sample Receipt Check List

EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Login Number: 33082

Creator: Volz, Charles

List Number: 1

List Source: TestAmerica Tampa

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	2.1,24,1.7,2.0,1.9,1.8,2.2,2.3 Degrees C. CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	analysis Not Filled Out on COC. Used Bottle Order For Login.
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	
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	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Site: EnviroSouth Technologies, Inc.

Job Number: 660-33082-1

Login Number: 33082
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 12/23/09 08:58 AM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	
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	
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	False	
Sample Preservation Verified	True	

ANALYTICAL REPORT

Job Number: 660-33081-1

Job Description: DeSoto County Landfill Semi-Annual SW

For:

EnviroSouth Technologies, Inc.

4330 Maine Avenue

Lakeland, FL 33801

Attention: David M Poe



Approved for release.
Nancy Robertson
Project Manager II
1/18/2010 3:14 PM

Nancy Robertson

Project Manager II

nancy.robertson@testamericainc.com

01/18/2010

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Savannah E87052
TestAmerica Tallahassee E81005
TestAmerica Orlando E83012

These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

TestAmerica Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634

Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



Job Narrative
660-33081-1

Comments

BOD and Chlorophyll-a was subcontracted to TA Orlando. The report is attached to the back of the report.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method SM 2540D: The %RPD of the duplicate sample for batch 88907 exceeded control limits for TSS.

Method SM 9222D: The results for the surface water sample was outside the ideal range of 20-60 colonies per plate as defined by Standard Methods 9222D. The colonies were clearly readable; therefore, the results have been reported.

Method 5210B: The %RPD of the duplicate sample for batch 9124356 exceeded control limits for BOD. The sample is flagged with J4.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-33081-1 SURFACE WATER					
Hardness as calcium carbonate		100	3.3	mg/L	SM 2340B
Field pH		6.8		SU	Field Sampling
Field Temperature		17		Degrees C	Field Sampling
Ammonia (as N)		1.6	0.020	mg/L	350.1
Nitrogen, Kjeldahl		2.8	0.20	mg/L	351.2
Chlorophyll a		2.70	2.00	ug/L	SM 10200H
Total Dissolved Solids		170	5.0	mg/L	SM 2540C
Phosphorus, Total		1.1	0.60	mg/L	SM 4500 P E
Biochemical Oxygen Demand		4.53	2.00	mg/L	SM 5210B
Total Organic Carbon		13	1.0	mg/L	SM 5310C
Nitrogen, Total		2.8	0.050	mg/L	Total Nitrogen
Unionized Ammonia		0.0039	0.00014	mg/L	UnionizedNH3
Coliform, Fecal		74	1.0	CFU/100mL	SM 9222D
Total Recoverable					
Barium		3.6	5.0	ug/L	6020A
Cadmium		0.12	0.50	ug/L	6020A
Iron		350	100	ug/L	6020A

METHOD SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
EDB, DBCP, and 1,2,3-TCP (GC)	TAL TAM	SW846 8011	
Microextraction	TAL TAM		SW846 8011
Metals (ICP/MS)	TAL SAV	SW846 6020A	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
Mercury (CVAA)	TAL SAV	SW846 7470A	
Preparation, Mercury	TAL SAV		SW846 7470A
Total Hardness (as CaCO ₃) by calculation	TAL SAV	SM SM 2340B	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrogen, Total Kjeldahl	TAL TAM	MCAWW 351.2	
Nitrogen, Total Kjeldahl	TAL TAM		MCAWW 351.2
Nitrogen, Nitrate-Nitrite	TAL TAM	MCAWW 353.2	
Chlorophyll-a	TAL ORL	SM SM 10200H	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Solids, Total Suspended (TSS)	TAL TAM	SM SM 2540D	
Phosphorus	TAL TAM	SM SM 4500 P E	
Phosphorus, Total	TAL TAM		MCAWW 365.2/365.3/365
BOD, 5-Day	TAL ORL	SM SM 5210B	
TOC	TAL TAL	SM SM 5310C	
Nitrogen, Total	TAL TAM	EPA Total Nitrogen	
Ammonia, Unionized	TAL TAM	FL-DEP UnionizedNH ₃	
Coliforms, Fecal (Membrane Filter)	TAL TAM	SM SM 9222D	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL ORL = TestAmerica Orlando

TAL SAV = TestAmerica Savannah

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

METHOD SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Description	Lab Location	Method	Preparation Method
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Method References:

EPA = US Environmental Protection Agency

FL-DEP = State Of Florida Department Of Environmental Protection, Florida Administrative Code.

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

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

METHOD / ANALYST SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method	Analyst	Analyst ID
SW846 8260B	Campbell, Ed	EC
SW846 8011	Ballard, James	JB
SW846 6020A	Boyuk, Brian	BB
SW846 7470A	Robertson, Bryn	BR
SM SM 2340B	Eaton, Cliff	CE
EPA Field Sampling	McNulty, Carol	CM
MCAWW 350.1	Steward, Tiffany	TS
MCAWW 351.2	Martin, Randolph	RM
MCAWW 353.2	Steward, Tiffany	TS
SM SM 10200H	ANALYST, SUBCONTRACTED	SUB
SM SM 2540C	Oonnoony, Thomas	TO
SM SM 2540D	Oonnoony, Thomas	TO
SM SM 4500 P E	Mostafavifar, Efe	EM
SM SM 5210B	ANALYST, SUBCONTRACTED	SUB
SM SM 5310C	Frank, Michelle	MF
SM SM 9222D	Wieland, Kristen	KW
EPA Total Nitrogen	Martin, Randolph	RM
FL-DEP UnionizedNH3	Martin, Randolph	RM

SAMPLE SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-33081-1	Surface Water	Water	12/21/2009 1405	12/21/2009 1622
660-33081-2	Trip Blank	Water	12/21/2009 0000	12/21/2009 1622

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Client Sample ID: Surface Water

Lab Sample ID: 660-33081-1

Date Sampled: 12/21/2009 1405

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88897

Instrument ID: BVME5973

Preparation: 5030B

Lab File ID: 1EL2708.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1203

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1203

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Client Sample ID: Surface Water

Lab Sample ID: 660-33081-1

Date Sampled: 12/21/2009 1405

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88897

Instrument ID: BVME5973

Preparation: 5030B

Lab File ID: 1EL2708.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1203

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1203

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	95		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-33081-2

Client Matrix: Water

Date Sampled: 12/21/2009 0000

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88897	Instrument ID:	BVME5973
Preparation:	5030B		Lab File ID:	1EL2713.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/27/2009 1340		Final Weight/Volume:	5 mL
Date Prepared:	12/27/2009 1340			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-33081-2

Date Sampled: 12/21/2009 0000

Client Matrix: Water

Date Received: 12/21/2009 1622

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88897

Instrument ID: BVME5973

Preparation: 5030B

Lab File ID: 1EL2713.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1340

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1340

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	95		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Client Sample ID: Surface Water

Lab Sample ID: 660-33081-1

Date Sampled: 12/21/2009 1405

Client Matrix: Water

Date Received: 12/21/2009 1622

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch: 660-88825	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-88820	Initial Weight/Volume:	36.2501 g
Dilution:	1.0		Final Weight/Volume:	2.0 mL
Date Analyzed:	12/22/2009 2004		Injection Volume:	4 uL
Date Prepared:	12/22/2009 1330		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0097	U	0.0097	0.019
Ethylene Dibromide	0.0097	U	0.0097	0.019

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	75		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Client Sample ID: Surface Water

Lab Sample ID: 660-33081-1

Date Sampled: 12/21/2009 1405

Client Matrix: Water

Date Received: 12/21/2009 1622

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch:	680-157501	Instrument ID:	ICPMSB
Preparation:	3005A	Prep Batch:	680-157391	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 0930			Final Weight/Volume:	250 mL
Date Prepared:	12/30/2009 1123				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	3.6	I	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.12	I	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	350		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch:	680-157533	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch:	680-157275	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/31/2009 1358			Final Weight/Volume:	50 mL
Date Prepared:	12/29/2009 1024				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

SM 2340B Total Hardness (as CaCO3) by calculation

Method:	SM 2340B	Analysis Batch:	680-157690	Instrument ID:	NOEQUIP
Preparation:	N/A			Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	12/30/2009 2130			Final Weight/Volume:	1.0 mL
Date Prepared:					

Analyte	Result (mg/L)	Qualifier	PQL	PQL
Hardness as calcium carbonate	100		3.3	3.3

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

General Chemistry

Client Sample ID: Surface Water

Lab Sample ID: 660-33081-1

Client Matrix: Water

Date Sampled: 12/21/2009 1405

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia (as N)	1.6		mg/L	0.010	0.020	1.0	350.1
	Analysis Batch: 660-88985		Date Analyzed: 12/29/2009 1348				
Nitrogen, Kjeldahl	2.8		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-88934		Date Analyzed: 12/28/2009 1727				
	Prep Batch: 660-88940		Date Prepared: 12/27/2009 1800				
Nitrate Nitrite as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
	Analysis Batch: 660-88822		Date Analyzed: 12/23/2009 0818				
Nitrite as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
	Analysis Batch: 660-88822		Date Analyzed: 12/23/2009 0818				
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
	Analysis Batch: 660-88822		Date Analyzed: 12/23/2009 0818				
Phosphorus, Total	1.1		mg/L	0.15	0.60	2.0	SM 4500 P E
	Analysis Batch: 660-89029		Date Analyzed: 12/30/2009 1200				
	Prep Batch: 660-89023		Date Prepared: 12/30/2009 0900				
Total Organic Carbon	13		mg/L	0.10	1.0	1.0	SM 5310C
	Analysis Batch: 640-64236		Date Analyzed: 12/23/2009 1653				
Nitrogen, Total	2.8		mg/L	0.010	0.050	1.0	Total Nitrogen
	Analysis Batch: 660-88810		Date Analyzed: 12/29/2009 0905				

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Chlorophyll a	2.70		ug/L	2.00	2.00	1.0	SM 10200H
	Analysis Batch: 660-89213		Date Analyzed: 12/24/2009 1001				
Total Dissolved Solids	170		mg/L	5.0	5.0	1.0	SM 2540C
	Analysis Batch: 660-88821		Date Analyzed: 12/23/2009 1001				
Total Suspended Solids	1.0	U	mg/L	1.0	1.0	1.0	SM 2540D
	Analysis Batch: 660-88907		Date Analyzed: 12/28/2009 1018				
Biochemical Oxygen Demand	4.53	J4	mg/L	2.00	2.00	1.0	SM 5210B
	Analysis Batch: 660-89214		Date Analyzed: 12/28/2009 0850				
Unionized Ammonia	0.0039		mg/L	0.00014	0.00014	1.0	UnionizedNH3
	Analysis Batch: 660-88949		Date Analyzed: 12/29/2009 0917				

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Biology

Client Sample ID: Surface Water

Lab Sample ID: 660-33081-1

Client Matrix: Water

Date Sampled: 12/21/2009 1405

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Coliform, Fecal	74		CFU/100mL	1.0	1.0	1.0	SM 9222D

Analysis Batch: 660-88807 Date Analyzed: 12/21/2009 1658

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Field Service / Mobile Lab**Client Sample ID:** Surface Water

Lab Sample ID: 660-33081-1

Client Matrix: Water

Date Sampled: 12/21/2009 1405

Date Received: 12/21/2009 1622

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	6.8		SU	1.0	Field Sampling	660-88967	12/21/2009 1405
Field Temperature	17		Degrees C	1.0	Field Sampling	660-88967	12/21/2009 1405

DATA REPORTING QUALIFIERS

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates that the compound was analyzed for but not detected.
GC Semi VOA		
	U	Indicates that the compound was analyzed for but not detected.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
Biology		
	U	Indicates that the compound was analyzed for but not detected.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 660-88897/2

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2707.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1143

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1143

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 660-88897/2

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2707.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1143

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1143

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	93	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Lab Control Sample - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-88897/1

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2704.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1041

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1041

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	102	102	62 - 142	
Acrylonitrile	200	193	97	10 - 183	
Benzene	20.0	18.9	95	64 - 140	
Bromochloromethane	20.0	19.8	99	59 - 130	
Bromodichloromethane	20.0	20.0	100	70 - 130	
Bromoform	20.0	19.8	99	65 - 130	
Bromomethane	20.0	10.6	53	14 - 184	
2-Butanone (MEK)	100	105	105	63 - 140	
Carbon disulfide	10.0	8.32	83	30 - 184	
Carbon tetrachloride	20.0	19.1	95	53 - 145	
Chlorobenzene	20.0	19.5	98	70 - 130	
Chlorodibromomethane	20.0	19.9	99	70 - 130	
Chloroethane	20.0	20.1	100	39 - 174	
Chloroform	20.0	18.5	93	59 - 130	
Chloromethane	20.0	9.88	49	35 - 153	
cis-1,2-Dichloroethene	20.0	19.5	98	61 - 130	
cis-1,3-Dichloropropene	20.0	20.2	101	70 - 130	
Dibromomethane	20.0	19.6	98	70 - 130	
1,2-Dichlorobenzene	20.0	18.8	94	70 - 130	
1,4-Dichlorobenzene	20.0	19.1	95	70 - 130	
1,1-Dichloroethane	20.0	18.1	91	60 - 132	
1,2-Dichloroethane	20.0	19.0	95	70 - 130	
1,1-Dichloroethene	20.0	15.6	78	51 - 157	
1,2-Dichloropropane	20.0	20.1	100	70 - 130	
Ethylbenzene	20.0	20.3	102	69 - 131	
2-Hexanone	100	113	113	57 - 148	
Iodomethane	20.0	17.6	88	70 - 130	
Methylene Chloride	20.0	17.3	86	57 - 130	
4-Methyl-2-pentanone (MIBK)	100	109	109	64 - 137	
Styrene	20.0	20.9	104	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	20.0	100	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	67 - 130	
Tetrachloroethene	20.0	18.3	92	47 - 143	
Toluene	20.0	19.7	99	70 - 131	
trans-1,4-Dichloro-2-butene	20.0	22.8	114	70 - 130	
trans-1,2-Dichloroethene	20.0	16.8	84	55 - 145	
trans-1,3-Dichloropropene	20.0	19.3	97	62 - 130	
1,1,1-Trichloroethane	20.0	18.9	95	57 - 135	
1,1,2-Trichloroethane	20.0	19.8	99	69 - 130	
Trichloroethene	20.0	18.9	94	59 - 142	
Trichlorofluoromethane	20.0	17.9	89	62 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Lab Control Sample - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-88897/1

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/27/2009 1041

Date Prepared: 12/27/2009 1041

Analysis Batch: 660-88897

Prep Batch: N/A

Units: ug/L

Instrument ID: BVME GC/MS

Lab File ID: 1EL2704.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	20.0	19.2	96	62 - 130	
Vinyl acetate	37.1	28.0	76	10 - 166	
Vinyl chloride	20.0	12.9	65	48 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Matrix Spike - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33082-W-1 MS

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2711.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1301

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1301

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9 U	100	96.3	96	62 - 142	
Acrylonitrile	1.2 U	200	189	94	10 - 183	
Benzene	0.50 U	20.0	18.1	90	64 - 140	
Bromochloromethane	0.58 U	20.0	18.2	91	59 - 130	
Bromodichloromethane	0.35 U	20.0	20.4	102	70 - 130	
Bromoform	0.58 U	20.0	19.3	96	65 - 130	
Bromomethane	2.5 U	20.0	9.80	49	14 - 184	
2-Butanone (MEK)	8.4 U	100	106	106	63 - 140	
Carbon disulfide	0.85 U	10.0	6.94	69	30 - 184	
Carbon tetrachloride	0.42 U	20.0	17.6	88	53 - 145	
Chlorobenzene	0.63 U	20.0	19.0	95	70 - 130	
Chlorodibromomethane	0.34 U	20.0	20.0	100	70 - 130	
Chloroethane	2.5 U	20.0	18.3	91	39 - 174	
Chloroform	0.90 U	20.0	18.4	92	59 - 130	
Chloromethane	1.0 U	20.0	8.24	41	35 - 153	
cis-1,2-Dichloroethene	0.65 U	20.0	18.4	92	61 - 130	
cis-1,3-Dichloropropene	0.14 U	20.0	20.2	101	70 - 130	
Dibromomethane	0.41 U	20.0	19.6	98	70 - 130	
1,2-Dichlorobenzene	0.44 U	20.0	17.6	88	70 - 130	
1,4-Dichlorobenzene	0.52 U	20.0	18.0	90	70 - 130	
1,1-Dichloroethane	0.52 U	20.0	17.6	88	60 - 132	
1,2-Dichloroethane	0.57 U	20.0	18.4	92	70 - 130	
1,1-Dichloroethene	0.45 U	20.0	13.7	69	51 - 157	
1,2-Dichloropropane	0.52 U	20.0	20.1	101	70 - 130	
Ethylbenzene	0.44 U	20.0	20.2	101	69 - 131	
2-Hexanone	4.4 U	100	117	117	57 - 148	
Iodomethane	2.5 U	20.0	16.2	81	70 - 130	
Methylene Chloride	4.0 U	20.0	15.6	78	57 - 130	
4-Methyl-2-pentanone (MIBK)	3.8 U	100	115	115	64 - 137	
Styrene	0.98 U	20.0	20.7	104	62 - 136	
1,1,1,2-Tetrachloroethane	0.63 U	20.0	20.3	101	70 - 130	
1,1,2,2-Tetrachloroethane	0.15 U	20.0	19.7	98	67 - 130	
Tetrachloroethene	0.50 U	20.0	17.5	88	47 - 143	
Toluene	0.51 U	20.0	19.3	96	70 - 131	
trans-1,4-Dichloro-2-butene	2.5 U	20.0	21.6	108	70 - 130	
trans-1,2-Dichloroethene	0.44 U	20.0	15.2	76	55 - 145	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Matrix Spike - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33082-W-1 MS

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2711.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1301

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1301

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	0.14	U	20.0	19.8	99	62 - 130	
1,1,1-Trichloroethane	0.46	U	20.0	17.7	88	57 - 135	
1,1,2-Trichloroethane	0.47	U	20.0	20.7	103	69 - 130	
Trichloroethene	0.50	U	20.0	17.4	87	59 - 142	
Trichlorofluoromethane	2.5	U	20.0	14.7	74	62 - 147	
1,2,3-Trichloropropane	0.18	U	20.0	19.3	97	62 - 130	
Vinyl acetate	1.5	U	37.1	27.5	74	10 - 166	
Vinyl chloride	0.50	U	20.0	10.6	53	48 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Duplicate - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33081-1

Analysis Batch: 660-88897

Instrument ID: BVME GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1EL2710.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2009 1242

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2009 1242

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromochloromethane	0.58	U	0.58	NC	30	U
Bromodichloromethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U
Carbon disulfide	0.85	U	0.85	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U
Styrene	0.98	U	0.98	NC	30	U
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Duplicate - Batch: 660-88897

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33081-1

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/27/2009 1242

Date Prepared: 12/27/2009 1242

Analysis Batch: 660-88897

Prep Batch: N/A

Units: ug/L

Instrument ID: BVME GC/MS

Lab File ID: 1EL2710.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Trichloroethene	0.50	U	0.50	NC	30	U
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U

Surrogate	% Rec		Acceptance Limits			
4-Bromofluorobenzene	95		70	-	130	
Toluene-d8 (Surr)	101		70	-	130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: MB 660-88820/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1741
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U013.D
Initial Weight/Volume: 35.1456 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020
Surrogate	% Rec		Acceptance Limits	
1,1,1,2-Tetrachloroethane	86		60 - 140	

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 660-88820

Method: 8011

Preparation: 8011

LCS Lab Sample ID: LCS 660-88820/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1801
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U014.D
Initial Weight/Volume: 34.8849 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-88820/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1822
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U015.D
Initial Weight/Volume: 35.0821 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,2-Dibromo-3-Chloropropane	102	101	60 - 140	1	40		
Ethylene Dibromide	98	97	60 - 140	1	40		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Matrix Spike - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: 640-25259-A-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1903
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U017.D
Initial Weight/Volume: 37.2010 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0094	U	0.235	0.222	95	60 - 140	
Ethylene Dibromide	0.0094	U	0.235	0.204	87	60 - 140	

Duplicate - Batch: 660-88820

Method: 8011

Preparation: 8011

Lab Sample ID: 660-33070-J-1-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/22/2009 1944
Date Prepared: 12/22/2009 1330

Analysis Batch: 660-88825
Prep Batch: 660-88820
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L22U019.D
Initial Weight/Volume: 36.1996 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0099	U	0.0097	NC	40	U
Ethylene Dibromide	0.0099	U	0.0097	NC	40	U

Surrogate	% Rec		Acceptance Limits			
1,1,1,2-Tetrachloroethane	96		60 - 140			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 680-157391

Method: 6020A

Preparation: 3005A

Total Recoverable

Lab Sample ID: MB 680-157391/11-A

Analysis Batch: 680-157501

Instrument ID: ICP MS - B

Client Matrix: Water

Prep Batch: 680-157391

Lab File ID: N/A

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/31/2009 0854

Final Weight/Volume: 250 mL

Date Prepared: 12/30/2009 1123

Analyte	Result	Qual	MDL	PQL
Antimony	2.3	U	2.3	5.0
Arsenic	1.3	U	1.3	2.5
Barium	1.3	U	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	33	U	33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Lab Control Sample - Batch: 680-157391

Method: 6020A

Preparation: 3005A

Total Recoverable

Lab Sample ID: LCS 680-157391/12-A

Analysis Batch: 680-157501

Instrument ID: ICP MS - B

Client Matrix: Water

Prep Batch: 680-157391

Lab File ID: N/A

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/31/2009 1127

Final Weight/Volume: 250 mL

Date Prepared: 12/30/2009 1123

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	46.8	94	75 - 125	
Arsenic	100	96.4	96	75 - 125	
Barium	100	94.7	95	75 - 125	
Beryllium	50.0	46.1	92	75 - 125	
Cadmium	50.0	48.1	96	75 - 125	
Chromium	100	89.1	89	75 - 125	
Cobalt	50.0	45.7	91	75 - 125	
Copper	100	91.2	91	75 - 125	
Iron	5000	4760	95	75 - 125	
Lead	50.0	47.7	95	75 - 125	
Nickel	100	89.6	90	75 - 125	
Selenium	100	93.5	94	75 - 125	
Silver	50.0	47.6	95	75 - 125	
Thallium	40.0	38.7	97	75 - 125	
Vanadium	100	91.8	92	75 - 125	
Zinc	100	98.0	98	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-157391**

**Method: 6020A
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 660-33082-D-1-C MS Analysis Batch: 680-157501
Client Matrix: Water Prep Batch: 680-157391
Dilution: 1.0
Date Analyzed: 12/31/2009 0959
Date Prepared: 12/30/2009 1123

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 660-33082-D-1-D MSD Analysis Batch: 680-157501
Client Matrix: Water Prep Batch: 680-157391
Dilution: 1.0
Date Analyzed: 12/31/2009 1022
Date Prepared: 12/30/2009 1123

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Antimony	118	117	75 - 125	1	20		
Arsenic	123	121	75 - 125	2	20		
Barium	120	120	75 - 125	0	20		
Beryllium	118	117	75 - 125	1	20		
Cadmium	121	119	75 - 125	2	20		
Chromium	115	113	75 - 125	2	20		
Cobalt	115	114	75 - 125	1	20		
Copper	117	115	75 - 125	2	20		
Iron	122	122	75 - 125	0	20		
Lead	121	119	75 - 125	1	20		
Nickel	116	114	75 - 125	2	20		
Selenium	120	120	75 - 125	1	20		
Silver	119	118	75 - 125	1	20		
Thallium	123	122	75 - 125	1	20		
Vanadium	118	115	75 - 125	2	20		
Zinc	121	120	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 680-157275

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 680-157275/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1352
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.091	U	0.091	0.20

Lab Control Sample - Batch: 680-157275

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 680-157275/17-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1355
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.37	95	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-157275

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 660-33081-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1402
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-33081-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2009 1405
Date Prepared: 12/29/2009 1024

Analysis Batch: 680-157533
Prep Batch: 680-157275

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	97	96	80 - 120	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 680-157690

Method: SM 2340B

Preparation: N/A

Lab Sample ID: MB 680-157690/2

Analysis Batch: 680-157690

Instrument ID: No Equipment Assigned

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume:

Date Analyzed: 12/30/2009 2054

Final Weight/Volume: 1.0 mL

Date Prepared: N/A

Analyte	Result	Qual	PQL	PQL
Ca	0.50	U	0.50	0.50
Hardness as calcium carbonate	3.3	U	3.3	3.3
Mg	0.50	U	0.50	0.50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 660-88985

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-88985/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1324
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Ammonia (as N)	0.010	U	0.010	0.020

Lab Control Sample - Batch: 660-88985

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-88985/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1326
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.498	100	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88985

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-33104-E-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1344
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-33104-E-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2009 1346
Date Prepared: N/A

Analysis Batch: 660-88985
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia (as N)	101	95	90 - 110	6	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 660-88940

Method: 351.2
Preparation: 351.2

Lab Sample ID: MB 660-88940/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1720
Date Prepared: 12/27/2009 1800

Analysis Batch: 660-88934
Prep Batch: 660-88940
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	PQL
Nitrogen, Kjeldahl	0.050	U	0.050	0.20

Lab Control Sample - Batch: 660-88940

Method: 351.2
Preparation: 351.2

Lab Sample ID: LCS 660-88940/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1721
Date Prepared: 12/27/2009 1800

Analysis Batch: 660-88934
Prep Batch: 660-88940
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	3.00	3.24	108	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88940

Method: 351.2
Preparation: 351.2

MS Lab Sample ID: 660-33019-B-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1724
Date Prepared: 12/27/2009 1800

Analysis Batch: 660-88934
Prep Batch: 660-88940

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

MSD Lab Sample ID: 660-33019-B-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1725
Date Prepared: 12/27/2009 1800

Analysis Batch: 660-88934
Prep Batch: 660-88940

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrogen, Kjeldahl	90	90	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 660-88822

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-88822/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrite as N	0.10	U	0.10	0.50
Nitrite as N	0.10	U	0.10	0.50
Nitrate as N	0.10	U	0.10	0.50

Lab Control Sample - Batch: 660-88822

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-88822/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.994	99	90 - 110	
Nitrite as N	1.00	0.949	95	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-88822**

**Method: 353.2
Preparation: N/A**

MS Lab Sample ID: 660-33082-R-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-33082-R-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0818
Date Prepared: N/A

Analysis Batch: 660-88822
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	106	102	90 - 110	2	30		
Nitrite as N	104	106	90 - 110	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 660-88821

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-88821/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0952
Date Prepared: N/A

Analysis Batch: 660-88821
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	PQL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Lab Control Sample - Batch: 660-88821

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-88821/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0952
Date Prepared: N/A

Analysis Batch: 660-88821
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9850	98	80 - 120	

Duplicate - Batch: 660-88821

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-33077-H-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 0954
Date Prepared: N/A

Analysis Batch: 660-88821
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	1400	1350	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 660-88907

Method: SM 2540D

Preparation: N/A

Lab Sample ID: MB 660-88907/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1016
Date Prepared: N/A

Analysis Batch: 660-88907
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	PQL	PQL
Total Suspended Solids	1.0	U	1.0	1.0

Lab Control Sample - Batch: 660-88907

Method: SM 2540D

Preparation: N/A

Lab Sample ID: LCS 660-88907/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1017
Date Prepared: N/A

Analysis Batch: 660-88907
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	100	92.0	92	80 - 120	

Duplicate - Batch: 660-88907

Method: SM 2540D

Preparation: N/A

Lab Sample ID: 660-33093-B-2 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/28/2009 1017
Date Prepared: N/A

Analysis Batch: 660-88907
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	21	12.8	48	20	J3

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 660-89023

Method: SM 4500 P E
Preparation: 365.2/365.3/365

Lab Sample ID: MB 660-89023/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1200
Date Prepared: 12/30/2009 0900

Analysis Batch: 660-89029
Prep Batch: 660-89023
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Phosphorus, Total	0.075	U	0.075	0.30

Lab Control Sample - Batch: 660-89023

Method: SM 4500 P E
Preparation: 365.2/365.3/365

Lab Sample ID: LCS 660-89023/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1200
Date Prepared: 12/30/2009 0900

Analysis Batch: 660-89029
Prep Batch: 660-89023
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phosphorus, Total	0.300	0.300	100	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-89023

Method: SM 4500 P E
Preparation: 365.2/365.3/365

MS Lab Sample ID: 660-32987-A-1-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1200
Date Prepared: 12/30/2009 0900

Analysis Batch: 660-89029
Prep Batch: 660-89023

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-32987-A-1-D MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2009 1200
Date Prepared: 12/30/2009 0900

Analysis Batch: 660-89029
Prep Batch: 660-89023

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phosphorus, Total	94	96	80 - 120	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 640-64236

Method: SM 5310C

Preparation: N/A

Lab Sample ID: MB 640-64236/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 1406
Date Prepared: N/A

Analysis Batch: 640-64236
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	PQL
Total Organic Carbon	0.10	U	0.10	1.0

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 640-64236

Method: SM 5310C

Preparation: N/A

LCS Lab Sample ID: LCS 640-64236/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 1507
Date Prepared: N/A

Analysis Batch: 640-64236
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 640-64236/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2009 1524
Date Prepared: N/A

Analysis Batch: 640-64236
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Total Organic Carbon	108	108	80 - 120	0	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 640-64236

Method: SM 5310C
Preparation: N/A

MS Lab Sample ID: 640-25347-A-1 MS
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 12/23/2009 1618
Date Prepared: N/A

Analysis Batch: 640-64236
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

MSD Lab Sample ID: 640-25347-A-1 MSD
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 12/23/2009 1636
Date Prepared: N/A

Analysis Batch: 640-64236
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Total Organic Carbon	108	107	80 - 120	0	25		

Duplicate - Batch: 640-64236

Method: SM 5310C
Preparation: N/A

Lab Sample ID: 640-25347-A-1 DU
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 12/23/2009 1600
Date Prepared: N/A

Analysis Batch: 640-64236
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Organic Carbon	14	14.7	2	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Method Blank - Batch: 660-88807

Method: SM 9222D
Preparation: N/A

Lab Sample ID: MB 660-88807/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2009 1658
Date Prepared: N/A

Analysis Batch: 660-88807
Prep Batch: N/A
Units: CFU/100mL

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	PQL	PQL
Coliform, Fecal	1.0	U	1.0	1.0

Duplicate - Batch: 660-88807

Method: SM 9222D
Preparation: N/A

Lab Sample ID: 660-33081-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2009 1658
Date Prepared: N/A

Analysis Batch: 660-88807
Prep Batch: N/A
Units: CFU/100mL

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Coliform, Fecal	74	73.0	1	50	

Calculations are performed before rounding to avoid round-off errors in calculated results.

12/30/2009 10:41:40AM

Client: TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Work Order: NSL2477
Project Name: Misc Analysis
Project Number: 660-33081
Date Received: 12/22/09

Attn: Nancy Robertson

SAMPLE IDENTIFICATION

LAB NUMBER

COLLECTION DATE AND TIME

Surface Water

NSL2477-01

12/21/09 14:05

Samples were received into laboratory at a temperature of 2.30 °C.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Results are reported on a wet weight basis unless otherwise noted

The reported results were obtained in compliance with 2003 NELAC standards unless otherwise noted.

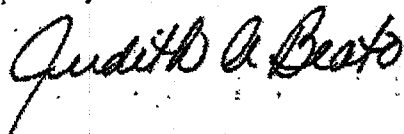
These results relate only to the items tested

Estimated uncertainty is available upon request.

Florida Certification Number: E87358

This report has been electronically signed.

Approved By:



TestAmerica Nashville
Judith A Beato
Project Manager

Client: TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Attn: Nancy Robertson

Work Order: NSL2477
Project: Misc Analysis
Project Number: 660-33081

Sampled: 12/21/09
Received: 12/22/09

LABORATORY REPORT

Sample ID: Surface Water - Lab Number: NSL2477-01 - Matrix: Water

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
BOD	BOD - 5 Day	4.53	34	mg/L	2.00	2.00	1	12/28/09 08:50	MXN	SM 5210B	9124341
								Prep Date: 12/23/09 13:08			
NA	Chlorophyll-a Uncorrected	2.70		mg/m3	0.500	0.500	1	12/24/09 10:01	MXN	SM 10200H	9124356
								Filtered Date: 12-23-09 9:37			

Client: TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Attn: Nancy Robertson

Work Order: NSL2477
Project: Misc Analysis
Project Number: 660-33081

Sampled: 12/21/09
Received: 12/22/09

SAMPLE EXTRACTION DATA

Parameter	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Method
General Chemistry Parameters	NSL2477-01	300.0 mL	300.0 mL	12/23/2009	MXN	*** DEFAULT PREF
General Chemistry Parameters	NSL2477-01	1.0 filter	1.0 filter	12/23/2009	MXN	Filtering

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
General Chemistry Parameters					
BOD - 5 Day	2.00	U	mg/L	9124341	9124341-BLK1
Chlorophyll-a Uncorrected	0.500	U	mg/m3	9124356	9124356-BLK2
Chlorophyll-a Uncorrected	0.500	U	mg/m3	9124356	9124356-BLK1

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
General Chemistry Parameters								
BOD - 5 Day	4.53	2.64	J4	mg/L	53	20	9124341	NSL2477-01
Chlorophyll-a Uncorrected	11.1	16.7		mg/m3	40	50	9124356	NSL2350-01
Chlorophyll-a Uncorrected	2.70	2.20		mg/m3	20	50	9124356	NSL2477-01

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
General Chemistry Parameters							
BOD - 5 Day	198	197		mg/L	99	85 - 115	9124341
Chlorophyll-a Uncorrected	200	188		mg/m3	94	80 - 120	9124356

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
General Chemistry Parameters										
Chlorophyll-a Uncorrected		188		mg/m3	200	94	0.05	50	9124356	

Client: TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Attn: Nancy Robertson

Work Order: NSL2477
Project: Misc Analysis
Project Number: 660-33081

Sampled: 12/21/09
Received: 12/22/09

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	A2LA	AIHA	Nelac	Florida
SM 10200H	Water			X	X
SM 5210B	Water		N/A	X	X

Subcontracted Laboratories

TestAmerica - Orlando, FL Florida Cert #E83012

8010 Sunport Drive Suite 116 - Orlando, FL 32809

Analysis Performed: BOD 5 Day SM 5210B
Samples: NSL2477-01

Analysis Performed: Chlorophyll-a Uncorrected SM10200H
Samples: NSL2477-01

DATA QUALIFIERS AND DEFINITIONS

J4 The sample matrix interfered with the ability to make an accurate determination.
U The compound was analyzed for but not detected

ADDITIONAL COMMENTS

When insufficient sample volume is received for Matrix Spike and Matrix Spike Duplicate, Laboratory Control Spike and Laboratory Control Spike Duplicate data is used for batch QC.

TestAmerica Nashville
Judith A Beato
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

4310 East Anderson Road * Orlando, FL 32812 * 407-851-2560 * Fax: 407-856-0886 * 800-851-

Client: TestAmerica Tampa

Project: NSL2477

Shipped By: Walk-in

Tracking Number:

Cooler Received On: 12/22/09 16:25

And Opened On (Date/time): 12-22-09 16:25

Received By: Mariana Nicula

Logged in by: Jennifer Batura

Were custody seals on the outside of cooler? YES ☐ NO ☒ If Yes # Location

Were custody seals intact? YES ☐ NO ☐ N/A ☒ (no seals present)

Chain of Custody Complete? YES ☒ NO ☐

Discrepancy Comments:

Cooler Temperature When Opened: 2.30 Degrees Celsius

Temperature Blank Included: YES ☐ NO ☒

Packing Material: Bubblewrap ☐ NONE ☒ Other:

Received on Ice: YES ☒ NO ☐ Other: Total # Of Containers: 2 # Vials

Any Bottles Broken? YES ☐ NO ☒ If Yes Which One(s)?

Any Missing Samples? YES ☐ NO ☒ If Yes Which One(s)?

pH Levels: H2SO4 <=2? HNO3 <=2? HCL <=2? NaOH >=10?

Of Containers Unpreserved between 6 and 8? 2

Any Air Bubbles in VOA Vials? YES ☐ NO ☐ N/A ☒ (no VOA vials received)

Was there enough sample shipped in each container? YES ☒ NO ☐ WMB
12-23-09

Correct Preservatives Used? YES ☒ NO ☐ If No, see comments:

Project Manager: Judith A Beato

Corrective Actions Taken

Basic Order Information

Bottle Order: Surface Waters
 Bottle Order #: 8459
 Date Order Posted: 12/10/2009 11:22:07AM
 Order Status: Ready To Process
 Prepared By: Nancy Robertson
 Deliver By Date: 12/11/2009 2:26:00PM
 Lab Project Number: 66003127

12-11-09

Order Completion Information

Filled by: *CS*
 Sent Date: 12/11/09
 Sent Via: *Carla Kelly*
 Tracking #:

SALES	BOTTLES/CONTAINER	BOTTLE TYPE/DESCRIPTION	PRESERVATIVE	MANUAL	SAMPLE INFO	COMMENT
2	1	2	Plastic 1 liter - unpreserved	None	5210B - Biochemical Oxygen Demand	Water Normal
2	3	6	Voa Vial 40ml Amber - with Sulfuric Acid	Sulfuric Acid	5310C - Total Organic Carbon	Water Normal
2	2	4	Plastic 500ml - with Sulfuric Acid	Sulfuric Acid	350.1 - Ammonia (as N)	Water Normal
					Unionized NH3 - Unionized Ammonia	Water Normal
					4500 P_E - Phosphorus, Total	Water Normal
					351.2 - Nitrogen, Kjeldahl	Water Normal
					Nitrogen, Total - Total Nitrogen	Water Normal
2	1	2	Plastic 250ml - with Nitric Acid	Nitric Acid	5010B - App 1 metals plus Cu, Fe, Zn	Water Normal
					7470A - Mercury	Water Normal
					HARD - Hardness	Water Normal
2	1	2	Plastic 250ml - unpreserved	None	353.2 - Nitrate	Water Normal
2	2	4	Plastic 1 liter - unpreserved	None	2540C - Total Dissolved Solids	Water Normal
					2540D - Total Suspended Solids	Water Normal
2	3	6	Voa Vial 40ml - unpreserved	None	8011 - EDB, DBCP	Water Normal
2	3	6	Voa Vial 40ml - unpreserved	None	8260B - VOCs	Water Normal
2	1	2	Amber Plastic 1L - unpreserved	None		Water Normal
						Chlorophyll a
2	1	2	Plastic 250ml - with Nitric Acid	Nitric Acid		Water Normal
1	2	2	Voa Vial 40ml - unpreserved	None	8260B - VOCs	Water Trip Blank

Health and Safety Notes

Preservative

Comment

Nitric Acid

CAUTION! STRONG OXIDIZER! CONTAINS 1:1 NITRIC ACID. Avoid skin and eye contact. If contact is made, FLUSH IMMEDIATELY with water.

Sulfuric Acid

CAUTION! CONTAINS 1:1 SULFURIC ACID. Avoid skin and eye contact. If contact is made, FLUSH IMMEDIATELY with water.

Surface Waters

Deliver Friday

Please notify us immediately if an error is found in shipment

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

1060-33081

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE

PROJECT NO.

PROJECT LOCATION

PROJECT SIGNATURE

PROJECT NO.

PROJECT SIGNATURE

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MATRIX TYPE

COMPOSITE (C) OR GRAB (G) INDICATE

AQUEOUS (WATER)

SOLID OR SEMISOLID

AIR

NONAQUEOUS LIQUID (OIL, SOLVENT,...)

PRESERVATIVE

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PAGE

OF

STANDARD REPORT

DELIVERY

DATE DUE

EXPEDITED REPORT

DELIVERY

(SURCHARGE)

DATE DUE

NUMBER OF COOLERS SUBMITTED

PER SHIPMENT

REMARKS

REMARKS

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Boiler Order Information

Bottle Order: Surface Waters
 Bottle Order #: 8459
 Date Order Posted: 12/10/2009 11:22:07AM
 Order Status: Ready To Process
 Prepared By: Nancy Robertson
 Deliver By Date: 12/11/2009 2:26:00PM
 Lab Project Number: 66003127

12-11-09

Filled by: *Gr*
 Sent Date: 12/11/09
 Sent Via:
 Tracking #: *66003127*

Order Completion Information

Sels	Bottles/Seal	Qty	Bottle Type/Description	Preservative	Method	Matrix	Sample Type	Comments
2	1	2	Plastic 1 liter - unpreserved	None	5210B - Biochemical Oxygen Demand	Water	Normal	
2	3	6	Voa Vial 40ml Amber - with Sulfuric Acid	Sulfuric Acid	5310C - Total Organic Carbon	Water	Normal	
2	2	4	Plastic 500ml - with Sulfuric Acid	Sulfuric Acid	350.1 - Ammonia (as N)	Water	Normal	
					Unionized NH ₃ - Unionized Ammonia	Water	Normal	
					4500 P_E - Phosphorus, Total	Water	Normal	
					351.2 - Nitrogen, Kjeldahl	Water	Normal	
					Nitrogen, Total - Total Nitrogen	Water	Normal	
2	1	2	Plastic 250ml - with Nitric Acid	Nitric Acid	6010B - App 1 metals plus Cu, Fe, Zn	Water	Normal	
					7470A - Mercury	Water	Normal	
					HARD - Hardness	Water	Normal	
2	1	2	Plastic 250ml - unpreserved	None	353.2 - Nitrate	Water	Normal	
2	2	4	Plastic 1 liter - unpreserved	None	2540C - Total Dissolved Solids	Water	Normal	
					2540D - Total Suspended Solids	Water	Normal	
2	3	6	Voa Vial 40ml - unpreserved	None	8011 - EDB, DBCP	Water	Normal	
2	3	6	Voa Vial 40ml - unpreserved	None	8260B - VOCs	Water	Normal	
2	1	2	Amber Plastic 1L - unpreserved	None		Water	Normal	Chlorophyll a
2	1	2	Plastic 250ml - with Nitric Acid	Nitric Acid		Water	Normal	
1	2	2	Voa Vial 40ml - unpreserved	None	8260B - VOCs	Water	Trip Blank	

Notes to Field Staff

Surface Waters

Deliver Friday

Health and Safety Notes

Preservative

Nitric Acid

Sulfuric Acid

Comment

CAUTION! STRONG OXIDIZER! CONTAINS 1:1 NITRIC ACID. Avoid skin and eye contact. If contact is made, FLUSH IMMEDIATELY with water.

CAUTION! CONTAINS 1:1 SULFURIC ACID. Avoid skin and eye contact. If contact is made, FLUSH IMMEDIATELY with water.

Please notify us immediately if an error is found in shipment

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 660-33081 Logged In TALS By: Amanda Harrison

Cooler Received on (date) 12-21-09 And Opened By (full name): Charles Volz

1. Shipper (circle one) FEDEX UPS DHL WALK-IN COURIER OTHER: _____

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 2.2°C Degrees Celsius

4. Number of H₂SO₄ (sulfuric acid) preserved containers: 2

All containers pH < 2? yes If not please comment below:

5. Number of HCL (hydrochloric acid) preserved containers: _____

All containers pH < 2? _____ If not please comment below:

6. Number of HNO₃ (nitric acid) preserved containers: 1

All containers pH < 2? yes If not please comment below:

7. Number of NaOH (sodium hydroxide) preserved containers: _____

All containers pH > 12? _____ If not please comment below:

8. Number of Unpreserved containers: 5

All containers pH between 6 and 8? yes If not please comment below:

9. Was chlorine present in any of the unpreserved containers? NO

If yes, which samples? _____

Login Sample Receipt Check List

Company: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Login Number: 33081

List Source: TestAmerica Tampa

Creator: Harrison, Amanda

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	2.2 degrees C CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	no analysis, matrix, or number of bottles per analysis listed on COC
There are no discrepancies between the sample IDs on the containers and the COC.	False	Sample label not filled out
Samples are received within Holding Time.	True	
Sample containers have legible labels.	False	no ID, date, or time on sample labels
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	
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	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Company: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Login Number: 33081
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 12/23/09 08:58 AM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	
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	
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	False	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Company: EnviroSouth Technologies, Inc.

Job Number: 660-33081-1

Login Number: 33081

Creator: McGann, Timothy

List Number: 1

List Source: TestAmerica Tallahassee

List Creation: 12/23/09 10:49 AM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	
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	
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

ANALYTICAL REPORT

Job Number: 660-33001-1

Job Description: DeSoto County Landfill MW Wells

For:

EnviroSouth Technologies, Inc.
4330 Maine Avenue
Lakeland, FL 33801

Attention: David M Poe



Approved for release.
Nancy Robertson
Project Manager II
1/18/2010 2:41 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
01/18/2010

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Savannah E87052

These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

TestAmerica Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634
Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



Job Narrative
660-33001-1

Comments

additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: A full list spike was utilized for this method. 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 5 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 88716 had 2-Hexanone, MIBK and trans-1,4-Dichloro-2-butene outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified with J3

Method 8260B: The matrix spike (MS) recoveries for batch 88716 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria for all the compounds except the 3 mentioned above. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method 300.0: The matrix spike (MS) recovery for batch 88613 was outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 88650 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-33001-1 MW-7R					
Field pH		5.91		SU	Field Sampling
Field Temperature		54.5		Degrees C	Field Sampling
Oxygen, Dissolved		0.89		mg/L	Field Sampling
Specific Conductance		524		umhos/cm	Field Sampling
Turbidity		15		NTU	Field Sampling
Chloride		54	0.50	mg/L	300.0
Ammonia (as N)		0.10	0.020	mg/L	350.1
Nitrate as N		0.53	0.50	mg/L	353.2
Total Dissolved Solids		270	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		43	5.0	ug/L	6020A
Cadmium		0.15	0.50	ug/L	6020A
Iron		430	100	ug/L	6020A
Sodium		24	0.50	mg/L	6020A
660-33001-2 MW-5R					
Field pH		4.87		SU	Field Sampling
Field Temperature		26.7		Degrees C	Field Sampling
Oxygen, Dissolved		0.17		mg/L	Field Sampling
Specific Conductance		139		umhos/cm	Field Sampling
Turbidity		7		NTU	Field Sampling
Chloride		8.8	0.50	mg/L	300.0
Ammonia (as N)		0.044	0.020	mg/L	350.1
Nitrate as N		1.1	0.50	mg/L	353.2
Total Dissolved Solids		60	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		12	5.0	ug/L	6020A
Cadmium		0.25	0.50	ug/L	6020A
Iron		480	100	ug/L	6020A
Sodium		7.5	0.50	mg/L	6020A

EXECUTIVE SUMMARY - Detections

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-33001-3	MW-15				
Acetone		150	20	ug/L	8260B
2-Butanone (MEK)		13	10	ug/L	8260B
Mercury		0.11	0.20	ug/L	7470A
Field pH		5.54		SU	Field Sampling
Field Temperature		26.8		Degrees C	Field Sampling
Oxygen, Dissolved		0.05		mg/L	Field Sampling
Specific Conductance		766		umhos/cm	Field Sampling
Turbidity		10		NTU	Field Sampling
Chloride		8.1	0.50	mg/L	300.0
Ammonia (as N)		0.64	0.020	mg/L	350.1
Total Dissolved Solids		550	5.0	mg/L	SM 2540C
Total Recoverable					
Arsenic		8.0	2.5	ug/L	6020A
Barium		13	5.0	ug/L	6020A
Cobalt		0.39	0.50	ug/L	6020A
Copper		1.3	5.0	ug/L	6020A
Iron		1900	100	ug/L	6020A
Sodium		5.1	0.50	mg/L	6020A
660-33001-4	MW-8R				
Field pH		5.52		SU	Field Sampling
Field Temperature		28.7		Degrees C	Field Sampling
Oxygen, Dissolved		0.06		mg/L	Field Sampling
Specific Conductance		367		umhos/cm	Field Sampling
Turbidity		6		NTU	Field Sampling
Chloride		4.5	0.50	mg/L	300.0
Ammonia (as N)		1.8	0.020	mg/L	350.1
Total Dissolved Solids		200	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		3.6	5.0	ug/L	6020A
Cobalt		0.25	0.50	ug/L	6020A
Iron		1200	100	ug/L	6020A
Sodium		4.5	0.50	mg/L	6020A

EXECUTIVE SUMMARY - Detections

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-33001-5	MW-6AR				
Field pH		5.87		SU	Field Sampling
Field Temperature		28		Degrees C	Field Sampling
Oxygen, Dissolved		1.55		mg/L	Field Sampling
Specific Conductance		863		umhos/cm	Field Sampling
Turbidity		3		NTU	Field Sampling
Chloride		14	0.50	mg/L	300.0
Ammonia (as N)		0.024	0.020	mg/L	350.1
Nitrate as N		7.1	0.50	mg/L	353.2
Total Dissolved Solids		550	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		13	5.0	ug/L	6020A
Cadmium		0.14	0.50	ug/L	6020A
Cobalt		0.28	0.50	ug/L	6020A
Iron		100	100	ug/L	6020A
Sodium		6.9	0.50	mg/L	6020A
660-33001-6	MW-10R				
Benzene		0.87	1.0	ug/L	8260B
Field pH		4.97		SU	Field Sampling
Field Temperature		27.1		Degrees C	Field Sampling
Oxygen, Dissolved		0.06		mg/L	Field Sampling
Specific Conductance		173		umhos/cm	Field Sampling
Turbidity		8		NTU	Field Sampling
Chloride		8.4	0.50	mg/L	300.0
Ammonia (as N)		2.3	0.020	mg/L	350.1
Total Dissolved Solids		74	5.0	mg/L	SM 2540C
Total Recoverable					
Barium		17	5.0	ug/L	6020A
Iron		910	100	ug/L	6020A
Sodium		4.8	0.50	mg/L	6020A

EXECUTIVE SUMMARY - Detections

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-33001-7	MW-9					
Field pH		5.79			SU	Field Sampling
Field Temperature		26.1			Degrees C	Field Sampling
Oxygen, Dissolved		1.9			mg/L	Field Sampling
Specific Conductance		323			umhos/cm	Field Sampling
Turbidity		4			NTU	Field Sampling
Chloride		12	J3	0.50	mg/L	300.0
Ammonia (as N)		0.11		0.020	mg/L	350.1
Nitrate as N		0.20	I	0.50	mg/L	353.2
Total Dissolved Solids		190		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		10		5.0	ug/L	6020A
Cadmium		0.17	I	0.50	ug/L	6020A
Selenium		2.1	I	2.5	ug/L	6020A
Sodium		6.4		0.50	mg/L	6020A
660-33001-8	MW-1AR					
Field pH		6.07			SU	Field Sampling
Field Temperature		25.4			Degrees C	Field Sampling
Oxygen, Dissolved		0.44			mg/L	Field Sampling
Specific Conductance		177			umhos/cm	Field Sampling
Turbidity		16			NTU	Field Sampling
Chloride		4.0		0.50	mg/L	300.0
Ammonia (as N)		0.16		0.020	mg/L	350.1
Nitrate as N		0.22	I	0.50	mg/L	353.2
Total Dissolved Solids		100		5.0	mg/L	SM 2540C
Total Recoverable						
Arsenic		11		2.5	ug/L	6020A
Barium		8.2		5.0	ug/L	6020A
Cobalt		0.15	I	0.50	ug/L	6020A
Copper		2.1	I	5.0	ug/L	6020A
Iron		85	I	100	ug/L	6020A
Lead		1.4	I	1.5	ug/L	6020A
Selenium		1.0	I	2.5	ug/L	6020A
Sodium		1.9		0.50	mg/L	6020A
Vanadium		11		10	ug/L	6020A

METHOD SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
EDB, DBCP, and 1,2,3-TCP (GC)	TAL TAM	SW846 8011	
Microextraction	TAL TAM		SW846 8011
Metals (ICP/MS)	TAL SAV	SW846 6020A	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
Mercury (CVAA)	TAL SAV	SW846 7470A	
Preparation, Mercury	TAL SAV		SW846 7470A
Chloride	TAL TAM	40CFR136A 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrate	TAL TAM	MCAWW 353.2	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAM = TestAmerica Tampa

Method References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

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

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

METHOD / ANALYST SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method	Analyst	Analyst ID
SW846 8260B	Perrin, Todd	TP
SW846 8011	Myers, Randy	RM
SW846 6020A	Boyuk, Brian	BB
SW846 7470A	Hardy, Donnetta	DH
EPA Field Sampling	McNulty, Carol	CM
40CFR136A 300.0	Cerome, Saurel	SC
MCAWW 350.1	Martin, Randolph	RM
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2540C	Oonnoony, Thomas	TO

SAMPLE SUMMARY

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-33001-1	MW-7R	Water	12/14/2009 1619	12/15/2009 1100
660-33001-2	MW-5R	Water	12/14/2009 1102	12/15/2009 1100
660-33001-3	MW-15	Water	12/14/2009 1137	12/15/2009 1100
660-33001-4	MW-8R	Water	12/14/2009 1206	12/15/2009 1100
660-33001-5	MW-6aR	Water	12/14/2009 1306	12/15/2009 1100
660-33001-6	MW-10R	Water	12/14/2009 1343	12/15/2009 1100
660-33001-7	MW-9	Water	12/14/2009 1420	12/15/2009 1100
660-33001-8	MW-1aR	Water	12/14/2009 1519	12/15/2009 1100
660-33001-9TB	Trip Blank	Water	12/14/2009 0000	12/15/2009 1100

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-7R

Lab Sample ID: 660-33001-1

Date Sampled: 12/14/2009 1619

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/17/2009 1712
Date Prepared: 12/17/2009 1712

Analysis Batch: 660-88716

Instrument ID: BVMH5973
Lab File ID: 1HL1712.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U J3	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-7R

Lab Sample ID: 660-33001-1

Date Sampled: 12/14/2009 1619

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID: BVMH5973

Preparation: 5030B

Lab File ID: 1HL1712.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1712

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1712

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		70 - 130
Dibromofluoromethane	93		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-5R

Lab Sample ID: 660-33001-2

Date Sampled: 12/14/2009 1102

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/17/2009 1734
Date Prepared: 12/17/2009 1734

Analysis Batch: 660-88716

Instrument ID: BVMH5973
Lab File ID: 1HL1713.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U J3	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-5R

Lab Sample ID: 660-33001-2

Date Sampled: 12/14/2009 1102

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID: BVMH5973

Preparation: 5030B

Lab File ID: 1HL1713.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1734

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1734

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	106		70 - 130
Dibromofluoromethane	92		70 - 130
Toluene-d8 (Surr)	110		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-15

Lab Sample ID: 660-33001-3

Date Sampled: 12/14/2009 1137

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID: BVMH5973

Preparation: 5030B

Lab File ID: 1HL1715.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1818

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1818

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	150		9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	13		8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U J3	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-15

Lab Sample ID: 660-33001-3

Date Sampled: 12/14/2009 1137

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID: BVMH5973

Preparation: 5030B

Lab File ID: 1HL1715.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1818

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1818

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	105		70 - 130
Dibromofluoromethane	91		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-8R

Lab Sample ID: 660-33001-4

Client Matrix: Water

Date Sampled: 12/14/2009 1206

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/17/2009 1840
Date Prepared: 12/17/2009 1840

Analysis Batch: 660-88716

Instrument ID: BVMH5973
Lab File ID: 1HL1716.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U J3	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-8R

Lab Sample ID: 660-33001-4

Client Matrix: Water

Date Sampled: 12/14/2009 1206

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID: BVMH5973

Preparation: 5030B

Lab File ID: 1HL1716.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1840

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1840

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane	93		70 - 130
Toluene-d8 (Surr)	93		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-6aR

Lab Sample ID: 660-33001-5

Client Matrix: Water

Date Sampled: 12/14/2009 1306

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/17/2009 1903
Date Prepared: 12/17/2009 1903

Analysis Batch: 660-88716

Instrument ID: BVMH5973
Lab File ID: 1HL1717.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U J3	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-6aR

Lab Sample ID: 660-33001-5

Client Matrix: Water

Date Sampled: 12/14/2009 1306

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID:

BVMH5973

Preparation: 5030B

Lab File ID:

1HL1717.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1903

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1903

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	103		70 - 130
Dibromofluoromethane	93		70 - 130
Toluene-d8 (Surr)	109		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-10R

Lab Sample ID: 660-33001-6

Client Matrix: Water

Date Sampled: 12/14/2009 1343

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID:

BVMH5973

Preparation: 5030B

Lab File ID:

1HL1718.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1925

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1925

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U J3	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.87	I	0.50	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U J3	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U J3	0.14	1.0
Dibromomethane	0.41	U J3	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U J3	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U J3	4.4	10
Iodomethane	2.5	U J3	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U J3	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U J3	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-10R

Lab Sample ID: 660-33001-6

Client Matrix: Water

Date Sampled: 12/14/2009 1343

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch:	660-88716	Instrument ID:	BVMH5973
Preparation:	5030B			Lab File ID:	1HL1718.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/17/2009 1925			Final Weight/Volume:	5 mL
Date Prepared:	12/17/2009 1925				

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	103		70 - 130
Dibromofluoromethane	94		70 - 130
Toluene-d8 (Surr)	110		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-9

Lab Sample ID: 660-33001-7

Date Sampled: 12/14/2009 1420

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 660-88716	Instrument ID:	BVMH5973
Preparation:	5030B		Lab File ID:	1HL1721.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/17/2009 2032		Final Weight/Volume:	5 mL
Date Prepared:	12/17/2009 2032			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U J3	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-9

Lab Sample ID: 660-33001-7

Date Sampled: 12/14/2009 1420

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID: BVMH5973

Preparation: 5030B

Lab File ID: 1HL1721.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 2032

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 2032

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane	93		70 - 130
Toluene-d8 (Surr)	91		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-1aR

Lab Sample ID: 660-33001-8

Date Sampled: 12/14/2009 1519

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID:

BVMH5973

Preparation: 5030B

Lab File ID:

1HL1722.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 2054

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 2054

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U J3	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-1aR

Lab Sample ID: 660-33001-8

Client Matrix: Water

Date Sampled: 12/14/2009 1519

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID: BVMH5973

Preparation: 5030B

Lab File ID: 1HL1722.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 2054

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 2054

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	105		70 - 130
Dibromofluoromethane	93		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-33001-9TB

Date Sampled: 12/14/2009 0000

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID:

BVMH5973

Preparation: 5030B

Lab File ID:

1HL1711.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1649

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1649

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U J3	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U J3	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: Trip Blank

Lab Sample ID: 660-33001-9TB

Date Sampled: 12/14/2009 0000

Client Matrix: Water

Date Received: 12/15/2009 1100

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 660-88716

Instrument ID: BVMH5973

Preparation: 5030B

Lab File ID: 1HL1711.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1649

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1649

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	105		70 - 130
Dibromofluoromethane	92		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-7R

Lab Sample ID: 660-33001-1

Date Sampled: 12/14/2009 1619

Client Matrix: Water

Date Received: 12/15/2009 1100

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch: 660-88695	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-88688	Initial Weight/Volume:	34.8642 mL
Dilution:	1.0		Final Weight/Volume:	2 mL
Date Analyzed:	12/17/2009 2145		Injection Volume:	4 uL
Date Prepared:	12/17/2009 1300		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	104		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-5R

Lab Sample ID: 660-33001-2

Date Sampled: 12/14/2009 1102

Client Matrix: Water

Date Received: 12/15/2009 1100

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-88695	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-88688	Initial Weight/Volume:	33.9042 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Date Analyzed:	12/17/2009 2247			Injection Volume:	4 uL
Date Prepared:	12/17/2009 1300			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.021
Ethylene Dibromide	0.010	U	0.010	0.021

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	99		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-15

Lab Sample ID: 660-33001-3

Date Sampled: 12/14/2009 1137

Client Matrix: Water

Date Received: 12/15/2009 1100

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch: 660-88695	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-88688	Initial Weight/Volume:	34.8172 mL
Dilution:	1.0		Final Weight/Volume:	2 mL
Date Analyzed:	12/17/2009 2328		Injection Volume:	4 uL
Date Prepared:	12/17/2009 1300		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	105		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-8R

Lab Sample ID: 660-33001-4

Date Sampled: 12/14/2009 1206

Client Matrix: Water

Date Received: 12/15/2009 1100

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-88695	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-88688	Initial Weight/Volume:	35.5091 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Date Analyzed:	12/18/2009 0009			Injection Volume:	4 uL
Date Prepared:	12/17/2009 1300			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0099	U	0.0099	0.020
Ethylene Dibromide	0.0099	U	0.0099	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	103		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-6aR

Lab Sample ID: 660-33001-5

Date Sampled: 12/14/2009 1306

Client Matrix: Water

Date Received: 12/15/2009 1100

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-88695	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-88688	Initial Weight/Volume:	34.7244 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Date Analyzed:	12/18/2009 0030			Injection Volume:	4 uL
Date Prepared:	12/17/2009 1300			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	102		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-10R

Lab Sample ID: 660-33001-6

Date Sampled: 12/14/2009 1343

Client Matrix: Water

Date Received: 12/15/2009 1100

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch: 660-88695	Instrument ID:	BSGU
Preparation:	8011	Prep Batch: 660-88688	Initial Weight/Volume:	32.6458 mL
Dilution:	1.0		Final Weight/Volume:	2 mL
Date Analyzed:	12/18/2009 0051		Injection Volume:	4 uL
Date Prepared:	12/17/2009 1300		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.011	U	0.011	0.021
Ethylene Dibromide	0.011	U	0.011	0.021

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	108		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-9

Lab Sample ID: 660-33001-7

Date Sampled: 12/14/2009 1420

Client Matrix: Water

Date Received: 12/15/2009 1100

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-88695	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-88688	Initial Weight/Volume:	32.4649 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Date Analyzed:	12/18/2009 0112			Injection Volume:	4 uL
Date Prepared:	12/17/2009 1300			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.011	U	0.011	0.022
Ethylene Dibromide	0.011	U	0.011	0.022

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	104		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-1aR

Lab Sample ID: 660-33001-8

Client Matrix: Water

Date Sampled: 12/14/2009 1519

Date Received: 12/15/2009 1100

8011 EDB, DBCP, and 1,2,3-TCP (GC)

Method:	8011	Analysis Batch:	660-88695	Instrument ID:	BSGU
Preparation:	8011	Prep Batch:	660-88688	Initial Weight/Volume:	33.8489 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Date Analyzed:	12/18/2009 0132			Injection Volume:	4 uL
Date Prepared:	12/17/2009 1300			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.021
Ethylene Dibromide	0.010	U	0.010	0.021

Surrogate	%Rec	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	104		60 - 140

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-7R

Lab Sample ID: 660-33001-1

Client Matrix: Water

Date Sampled: 12/14/2009 1619

Date Received: 12/15/2009 1100

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-156907	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/18/2009 2301		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Arsenic	1.3	U	1.3	2.5
Barium	43		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.15	I	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	430		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2232		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	24		0.25	0.50

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2232		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-156817	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-156448	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 1353		Final Weight/Volume:	50 mL
Date Prepared:	12/17/2009 1204			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-5R

Lab Sample ID: 660-33001-2

Date Sampled: 12/14/2009 1102

Client Matrix: Water

Date Received: 12/15/2009 1100

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-156907	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/18/2009 2308		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Arsenic	1.3	U	1.3	2.5
Barium	12		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.25	I	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	480		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2239		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	7.5		0.25	0.50

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2239		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-156817	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-156448	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 1356		Final Weight/Volume:	50 mL
Date Prepared:	12/17/2009 1204			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-15

Lab Sample ID: 660-33001-3

Client Matrix: Water

Date Sampled: 12/14/2009 1137

Date Received: 12/15/2009 1100

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch:	680-156907	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch:	680-156449	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/18/2009 2315			Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Arsenic	8.0		1.3	2.5
Barium	13		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.39	I	0.15	0.50
Copper	1.3	I	1.1	5.0
Iron	1900		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

Method:	6020A	Analysis Batch:	680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch:	680-156449	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2246			Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	5.1		0.25	0.50

Method:	6020A	Analysis Batch:	680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch:	680-156449	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2246			Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch:	680-156817	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch:	680-156448	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 1359			Final Weight/Volume:	50 mL
Date Prepared:	12/17/2009 1204				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.11	I	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-8R

Lab Sample ID: 660-33001-4
Client Matrix: Water

Date Sampled: 12/14/2009 1206
Date Received: 12/15/2009 1100

6020A Metals (ICP/MS)-Total Recoverable

Method: 6020A Analysis Batch: 680-156907 Instrument ID: ICPMSA
Preparation: 3005A Prep Batch: 680-156449 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 50 mL
Date Analyzed: 12/18/2009 2322 Final Weight/Volume: 250 mL
Date Prepared: 12/17/2009 1203

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Arsenic	1.3	U	1.3	2.5
Barium	3.6	I	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.25	I	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	1200		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

Method: 6020A Analysis Batch: 680-156912 Instrument ID: ICPMSA
Preparation: 3005A Prep Batch: 680-156449 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 50 mL
Date Analyzed: 12/21/2009 2253 Final Weight/Volume: 250 mL
Date Prepared: 12/17/2009 1203

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	4.5		0.25	0.50

Method: 6020A Analysis Batch: 680-156912 Instrument ID: ICPMSA
Preparation: 3005A Prep Batch: 680-156449 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 50 mL
Date Analyzed: 12/21/2009 2253 Final Weight/Volume: 250 mL
Date Prepared: 12/17/2009 1203

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0

7470A Mercury (CVAA)

Method: 7470A Analysis Batch: 680-156817 Instrument ID: LEEMAN1
Preparation: 7470A Prep Batch: 680-156448 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 50 mL
Date Analyzed: 12/21/2009 1402 Final Weight/Volume: 50 mL
Date Prepared: 12/17/2009 1204

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-6aRLab Sample ID: 660-33001-5
Client Matrix: WaterDate Sampled: 12/14/2009 1306
Date Received: 12/15/2009 1100**6020A Metals (ICP/MS)-Total Recoverable**

Method:	6020A	Analysis Batch: 680-156907	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/18/2009 2329		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Arsenic	1.3	U	1.3	2.5
Barium	13		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.14	I	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.28	I	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	100		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2259		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	6.9		0.25	0.50

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2259		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-156817	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-156448	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 1405		Final Weight/Volume:	50 mL
Date Prepared:	12/17/2009 1204			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-10R

Lab Sample ID: 660-33001-6

Client Matrix: Water

Date Sampled: 12/14/2009 1343

Date Received: 12/15/2009 1100

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-156907	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/18/2009 2335		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Arsenic	1.3	U	1.3	2.5
Barium	17		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	910		33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2306		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	4.8		0.25	0.50

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2306		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-156817	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-156448	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 1408		Final Weight/Volume:	50 mL
Date Prepared:	12/17/2009 1204			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-9

Lab Sample ID: 660-33001-7

Date Sampled: 12/14/2009 1420

Client Matrix: Water

Date Received: 12/15/2009 1100

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-156907	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/18/2009 2356		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Arsenic	1.3	U	1.3	2.5
Barium	10		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.17	I	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	33	U	33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	2.1	I	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2326		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	6.4		0.25	0.50

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2326		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-156817	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-156448	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 1412		Final Weight/Volume:	50 mL
Date Prepared:	12/17/2009 1204			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Client Sample ID: MW-1aR

Lab Sample ID: 660-33001-8

Client Matrix: Water

Date Sampled: 12/14/2009 1519

Date Received: 12/15/2009 1100

6020A Metals (ICP/MS)-Total Recoverable

Method:	6020A	Analysis Batch: 680-156907	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/19/2009 0001		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Arsenic	11		1.3	2.5
Barium	8.2		1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	I	0.15	0.50
Copper	2.1	I	1.1	5.0
Iron	85	I	33	100
Lead	1.4	I	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	I	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	11		3.8	10
Zinc	8.3	U	8.3	20

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2333		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	1.9		0.25	0.50

Method:	6020A	Analysis Batch: 680-156912	Instrument ID:	ICPMSA
Preparation:	3005A	Prep Batch: 680-156449	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 2333		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2009 1203			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Antimony	2.3	U	2.3	5.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 680-156817	Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-156448	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2009 1414		Final Weight/Volume:	50 mL
Date Prepared:	12/17/2009 1204			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.091	U	0.091	0.20

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

General Chemistry

Client Sample ID: MW-7R

Lab Sample ID: 660-33001-1

Client Matrix: Water

Date Sampled: 12/14/2009 1619

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	54		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-88613	Date Analyzed: 12/16/2009	1301				
Ammonia (as N)	0.10	J3	mg/L	0.010	0.020	1.0	350.1
	Analysis Batch: 660-88650	Date Analyzed: 12/17/2009	1402				
Nitrate as N	0.53		mg/L	0.10	0.50	1.0	353.2
	Analysis Batch: 660-88587	Date Analyzed: 12/16/2009	1047				
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	270		mg/L	5.0	5.0	1.0	SM 2540C
	Analysis Batch: 660-88629	Date Analyzed: 12/17/2009	1228				

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

General Chemistry

Client Sample ID: MW-5R

Lab Sample ID: 660-33001-2

Client Matrix: Water

Date Sampled: 12/14/2009 1102

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	8.8		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-88613 Date Analyzed: 12/16/2009 1318							
Ammonia (as N)	0.044		mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-88650 Date Analyzed: 12/17/2009 1405							
Nitrate as N	1.1		mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-88587 Date Analyzed: 12/16/2009 1047							
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	60		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 660-88629 Date Analyzed: 12/17/2009 1229							

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

General Chemistry

Client Sample ID: MW-15

Lab Sample ID: 660-33001-3

Date Sampled: 12/14/2009 1137

Client Matrix: Water

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	8.1		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-88613 Date Analyzed: 12/16/2009 1336							
Ammonia (as N)	0.64		mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-88650 Date Analyzed: 12/17/2009 1406							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-88587 Date Analyzed: 12/16/2009 1047							
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	550		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 660-88629 Date Analyzed: 12/17/2009 1229							

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

General Chemistry

Client Sample ID: MW-8R

Lab Sample ID: 660-33001-4

Date Sampled: 12/14/2009 1206

Client Matrix: Water

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	4.5		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-88613 Date Analyzed: 12/16/2009 1353							
Ammonia (as N)	1.8		mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-88650 Date Analyzed: 12/17/2009 1408							
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-88587 Date Analyzed: 12/16/2009 1047							
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	200		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 660-88629 Date Analyzed: 12/17/2009 1230							

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

General Chemistry

Client Sample ID: MW-6aR

Lab Sample ID: 660-33001-5

Client Matrix: Water

Date Sampled: 12/14/2009 1306

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	14		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-88613 Date Analyzed: 12/16/2009 1411						
Ammonia (as N)	0.024		mg/L	0.010	0.020	1.0	350.1
	Analysis Batch: 660-88650 Date Analyzed: 12/17/2009 1409						
Nitrate as N	7.1		mg/L	0.10	0.50	1.0	353.2
	Analysis Batch: 660-88587 Date Analyzed: 12/16/2009 1047						
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	550		mg/L	5.0	5.0	1.0	SM 2540C
	Analysis Batch: 660-88629 Date Analyzed: 12/17/2009 1230						

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

General Chemistry

Client Sample ID: MW-10R

Lab Sample ID: 660-33001-6

Client Matrix: Water

Date Sampled: 12/14/2009 1343

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	8.4		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-88613	Date Analyzed: 12/16/2009	1428				
Ammonia (as N)	2.3		mg/L	0.010	0.020	1.0	350.1
	Analysis Batch: 660-88650	Date Analyzed: 12/17/2009	1410				
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0	353.2
	Analysis Batch: 660-88587	Date Analyzed: 12/16/2009	1047				
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	74		mg/L	5.0	5.0	1.0	SM 2540C
	Analysis Batch: 660-88629	Date Analyzed: 12/17/2009	1231				

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

General Chemistry

Client Sample ID: MW-9

Lab Sample ID: 660-33001-7

Date Sampled: 12/14/2009 1420

Client Matrix: Water

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	12	J3	mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-88613 Date Analyzed: 12/16/2009 1446							
Ammonia (as N)	0.11		mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-88650 Date Analyzed: 12/17/2009 1411							
Nitrate as N	0.20	I	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-88587 Date Analyzed: 12/16/2009 1047							
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	190		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 660-88629 Date Analyzed: 12/17/2009 1231							

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

General Chemistry

Client Sample ID: MW-1aR

Lab Sample ID: 660-33001-8

Client Matrix: Water

Date Sampled: 12/14/2009 1519

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	4.0		mg/L	0.20	0.50	1.0	300.0
Analysis Batch: 660-88613 Date Analyzed: 12/16/2009 1503							
Ammonia (as N)	0.16		mg/L	0.010	0.020	1.0	350.1
Analysis Batch: 660-88650 Date Analyzed: 12/17/2009 1412							
Nitrate as N	0.22	I	mg/L	0.10	0.50	1.0	353.2
Analysis Batch: 660-88587 Date Analyzed: 12/16/2009 1047							
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Total Dissolved Solids	100		mg/L	5.0	5.0	1.0	SM 2540C
Analysis Batch: 660-88629 Date Analyzed: 12/17/2009 1232							

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Field Service / Mobile Lab

Client Sample ID: MW-7R

Lab Sample ID: 660-33001-1

Client Matrix: Water

Date Sampled: 12/14/2009 1619

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	5.91		SU	1.0	Field Sampling	660-88966	12/14/2009 1619
Field Temperature	54.5		Degrees C	1.0	Field Sampling	660-88966	12/14/2009 1619
Oxygen, Dissolved	0.89		mg/L	1.0	Field Sampling	660-88966	12/14/2009 1619
Specific Conductance	524		umhos/cm	1.0	Field Sampling	660-88966	12/14/2009 1619
Turbidity	15		NTU	1.0	Field Sampling	660-88966	12/14/2009 1619

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Field Service / Mobile Lab

Client Sample ID: MW-5R

Lab Sample ID: 660-33001-2

Client Matrix: Water

Date Sampled: 12/14/2009 1102

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	4.87		SU	1.0	Field Sampling	660-88966	12/14/2009 1102
Field Temperature	26.7		Degrees C	1.0	Field Sampling	660-88966	12/14/2009 1102
Oxygen, Dissolved	0.17		mg/L	1.0	Field Sampling	660-88966	12/14/2009 1102
Specific Conductance	139		umhos/cm	1.0	Field Sampling	660-88966	12/14/2009 1102
Turbidity	7		NTU	1.0	Field Sampling	660-88966	12/14/2009 1102

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Field Service / Mobile LabClient Sample ID: **MW-15**

Lab Sample ID: 660-33001-3

Client Matrix: Water

Date Sampled: 12/14/2009 1137

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	5.54		SU	1.0	Field Sampling	660-88966	12/14/2009 1137
Field Temperature	26.8		Degrees C	1.0	Field Sampling	660-88966	12/14/2009 1137
Oxygen, Dissolved	0.05		mg/L	1.0	Field Sampling	660-88966	12/14/2009 1137
Specific Conductance	766		umhos/cm	1.0	Field Sampling	660-88966	12/14/2009 1137
Turbidity	10		NTU	1.0	Field Sampling	660-88966	12/14/2009 1137

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Field Service / Mobile Lab

Client Sample ID: MW-8R

Lab Sample ID: 660-33001-4

Client Matrix: Water

Date Sampled: 12/14/2009 1206

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	5.52		SU	1.0	Field Sampling	660-88966	12/14/2009 1206
Field Temperature	28.7		Degrees C	1.0	Field Sampling	660-88966	12/14/2009 1206
Oxygen, Dissolved	0.06		mg/L	1.0	Field Sampling	660-88966	12/14/2009 1206
Specific Conductance	367		umhos/cm	1.0	Field Sampling	660-88966	12/14/2009 1206
Turbidity	6		NTU	1.0	Field Sampling	660-88966	12/14/2009 1206

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Field Service / Mobile Lab

Client Sample ID: MW-6aR

Lab Sample ID: 660-33001-5

Client Matrix: Water

Date Sampled: 12/14/2009 1306

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	5.87		SU	1.0	Field Sampling	660-88966	12/14/2009 1306
Field Temperature	28		Degrees C	1.0	Field Sampling	660-88966	12/14/2009 1306
Oxygen, Dissolved	1.55		mg/L	1.0	Field Sampling	660-88966	12/14/2009 1306
Specific Conductance	863		umhos/cm	1.0	Field Sampling	660-88966	12/14/2009 1306
Turbidity	3		NTU	1.0	Field Sampling	660-88966	12/14/2009 1306

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Field Service / Mobile Lab

Client Sample ID: MW-10R

Lab Sample ID: 660-33001-6

Date Sampled: 12/14/2009 1343

Client Matrix: Water

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	4.97		SU	1.0	Field Sampling	660-88966	12/14/2009 1343
Field Temperature	27.1		Degrees C	1.0	Field Sampling	660-88966	12/14/2009 1343
Oxygen, Dissolved	0.06		mg/L	1.0	Field Sampling	660-88966	12/14/2009 1343
Specific Conductance	173		umhos/cm	1.0	Field Sampling	660-88966	12/14/2009 1343
Turbidity	8		NTU	1.0	Field Sampling	660-88966	12/14/2009 1343

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Field Service / Mobile Lab

Client Sample ID: MW-9

Lab Sample ID: 660-33001-7

Client Matrix: Water

Date Sampled: 12/14/2009 1420

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	5.79		SU	1.0	Field Sampling	660-88966	12/14/2009 1420
Field Temperature	26.1		Degrees C	1.0	Field Sampling	660-88966	12/14/2009 1420
Oxygen, Dissolved	1.9		mg/L	1.0	Field Sampling	660-88966	12/14/2009 1420
Specific Conductance	323		umhos/cm	1.0	Field Sampling	660-88966	12/14/2009 1420
Turbidity	4		NTU	1.0	Field Sampling	660-88966	12/14/2009 1420

Analytical Data

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Field Service / Mobile Lab

Client Sample ID: MW-1aR

Lab Sample ID: 660-33001-8

Client Matrix: Water

Date Sampled: 12/14/2009 1519

Date Received: 12/15/2009 1100

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	6.07		SU	1.0	Field Sampling	660-88966	12/14/2009 1519
Field Temperature	25.4		Degrees C	1.0	Field Sampling	660-88966	12/14/2009 1519
Oxygen, Dissolved	0.44		mg/L	1.0	Field Sampling	660-88966	12/14/2009 1519
Specific Conductance	177		umhos/cm	1.0	Field Sampling	660-88966	12/14/2009 1519
Turbidity	16		NTU	1.0	Field Sampling	660-88966	12/14/2009 1519

DATA REPORTING QUALIFIERS

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Lab Section	Qualifier	Description
GC/MS VOA	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
GC Semi VOA	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Metals	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method Blank - Batch: 660-88716

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 660-88716/4

Analysis Batch: 660-88716

Instrument ID: BVMH GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1HL1710.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1303

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1303

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.50	U	0.50	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone (MEK)	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method Blank - Batch: 660-88716

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 660-88716/4

Analysis Batch: 660-88716

Instrument ID: BVMH GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1HL1710.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1303

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1303

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	107	70 - 130
Dibromofluoromethane	92	70 - 130
Toluene-d8 (Surr)	107	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Lab Control Sample - Batch: 660-88716

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-88716/3

Analysis Batch: 660-88716

Instrument ID: BVMH GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1HL1704.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1049

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1049

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	128	128	62 - 142	
Acrylonitrile	200	252	126	10 - 183	
Benzene	20.0	19.1	96	64 - 140	
Bromoform	20.0	19.6	98	65 - 130	
Bromomethane	20.0	12.1	61	14 - 184	
2-Butanone (MEK)	100	140	140	63 - 140	
Carbon disulfide	10.0	12.8	128	30 - 184	
Carbon tetrachloride	20.0	20.2	101	53 - 145	
Chlorobenzene	20.0	21.7	109	70 - 130	
Chlorobromomethane	20.0	19.3	97	59 - 130	
Chlorodibromomethane	20.0	22.0	110	70 - 130	
Chloroethane	20.0	12.5	62	39 - 174	
Chloroform	20.0	20.0	100	59 - 130	
Chloromethane	20.0	16.1	81	35 - 153	
cis-1,2-Dichloroethene	20.0	20.9	105	61 - 130	
cis-1,3-Dichloropropene	20.0	22.5	113	70 - 130	
Dibromomethane	20.0	23.4	117	70 - 130	
1,2-Dichlorobenzene	20.0	22.4	112	70 - 130	
1,4-Dichlorobenzene	20.0	21.0	105	70 - 130	
Dichlorobromomethane	20.0	22.8	114	70 - 130	
1,1-Dichloroethane	20.0	19.8	99	60 - 132	
1,2-Dichloroethane	20.0	20.8	104	70 - 130	
1,1-Dichloroethene	20.0	18.4	92	51 - 157	
1,2-Dichloropropane	20.0	24.5	122	70 - 130	
Ethylbenzene	20.0	22.1	110	69 - 131	
2-Hexanone	100	170	170	57 - 148	J3
Iodomethane	20.0	18.5	92	70 - 130	
Methylene Chloride	20.0	18.6	93	57 - 130	
4-Methyl-2-pentanone (MIBK)	100	174	174	64 - 137	J3
Styrene	20.0	23.2	116	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	21.6	108	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	23.3	117	67 - 130	
Tetrachloroethene	20.0	23.0	115	47 - 143	
Toluene	20.0	23.0	115	70 - 131	
trans-1,4-Dichloro-2-butene	20.0	33.5	167	70 - 130	J3
trans-1,2-Dichloroethene	20.0	19.5	98	55 - 145	
trans-1,3-Dichloropropene	20.0	23.0	115	62 - 130	
1,1,1-Trichloroethane	20.0	20.1	100	57 - 135	
1,1,2-Trichloroethane	20.0	23.6	118	69 - 130	
Trichloroethene	20.0	20.1	100	59 - 142	
Trichlorofluoromethane	20.0	20.3	102	62 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Lab Control Sample - Batch: 660-88716

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 660-88716/3

Analysis Batch: 660-88716

Instrument ID: BVMH GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1HL1704.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1049

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1049

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	20.0	23.2	116	62 - 130	
Vinyl acetate	37.1	41.9	113	10 - 166	
Vinyl chloride	20.0	18.3	91	48 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Matrix Spike - Batch: 660-88716

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33001-6

Analysis Batch: 660-88716

Instrument ID: BVMH GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1HL1719.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1948

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1948

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9 U	100	154	154	62 - 142	J3
Acrylonitrile	1.2 U	200	283	142	10 - 183	
Benzene	0.87 I	20.0	22.8	110	64 - 140	
Bromoform	0.58 U	20.0	20.5	103	65 - 130	
Bromomethane	2.5 U	20.0	7.33	37	14 - 184	
2-Butanone (MEK)	8.4 U	100	164	164	63 - 140	J3
Carbon disulfide	0.85 U	10.0	14.3	143	30 - 184	
Carbon tetrachloride	0.42 U	20.0	23.4	117	53 - 145	
Chlorobenzene	0.63 U	20.0	24.8	124	70 - 130	
Chlorobromomethane	0.58 U	20.0	21.3	106	59 - 130	
Chlorodibromomethane	0.34 U	20.0	23.8	119	70 - 130	
Chloroethane	2.5 U	20.0	16.3	82	39 - 174	
Chloroform	0.90 U	20.0	22.9	115	59 - 130	
Chloromethane	1.0 U	20.0	21.6	108	35 - 153	
cis-1,2-Dichloroethene	0.65 U	20.0	24.2	121	61 - 130	
cis-1,3-Dichloropropene	0.14 U	20.0	28.0	140	70 - 130	J3
Dibromomethane	0.41 U	20.0	26.2	131	70 - 130	J3
1,2-Dichlorobenzene	0.44 U	20.0	24.4	122	70 - 130	
1,4-Dichlorobenzene	0.52 U	20.0	23.2	116	70 - 130	
Dichlorobromomethane	0.35 U	20.0	25.0	125	70 - 130	
1,1-Dichloroethane	0.52 U	20.0	22.9	115	60 - 132	
1,2-Dichloroethane	0.57 U	20.0	23.4	117	70 - 130	
1,1-Dichloroethene	0.45 U	20.0	21.8	109	51 - 157	
1,2-Dichloropropane	0.52 U	20.0	26.6	133	70 - 130	J3
Ethylbenzene	0.44 U	20.0	24.9	125	69 - 131	
2-Hexanone	4.4 U	100	195	195	57 - 148	J3
Iodomethane	2.5 U	20.0	12.9	65	70 - 130	J3
Methylene Chloride	4.0 U	20.0	19.2	96	57 - 130	
4-Methyl-2-pentanone (MIBK)	3.8 U	100	201	201	64 - 137	J3
Styrene	0.98 U	20.0	26.1	130	62 - 136	
1,1,1,2-Tetrachloroethane	0.63 U	20.0	24.2	121	70 - 130	
1,1,2,2-Tetrachloroethane	0.15 U	20.0	26.5	132	67 - 130	J3
Tetrachloroethene	0.50 U	20.0	24.3	121	47 - 143	
Toluene	0.51 U	20.0	26.2	131	70 - 131	
trans-1,4-Dichloro-2-butene	2.5 U	20.0	32.2	161	70 - 130	J3
trans-1,2-Dichloroethene	0.44 U	20.0	22.5	112	55 - 145	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Matrix Spike - Batch: 660-88716

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33001-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 1948
Date Prepared: 12/17/2009 1948

Analysis Batch: 660-88716
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HL1719.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	0.14	U	20.0	24.5	122	62 - 130	
1,1,1-Trichloroethane	0.46	U	20.0	23.1	115	57 - 135	
1,1,2-Trichloroethane	0.47	U	20.0	26.1	131	69 - 130	J3
Trichloroethene	0.50	U	20.0	22.2	111	59 - 142	
Trichlorofluoromethane	2.5	U	20.0	26.5	132	62 - 147	
1,2,3-Trichloropropane	0.18	U	20.0	24.9	124	62 - 130	
Vinyl acetate	1.5	U	37.1	43.0	116	10 - 166	
Vinyl chloride	0.50	U	20.0	23.4	117	48 - 147	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Duplicate - Batch: 660-88716

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33001-2

Analysis Batch: 660-88716

Instrument ID: BVMH GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1HL1714.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1756

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1756

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U
Carbon disulfide	0.85	U	0.85	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chlorobromomethane	0.58	U	0.58	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
Dichlorobromomethane	0.35	U	0.35	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U J3
Iodomethane	2.5	U	2.5	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U J3
Styrene	0.98	U	0.98	NC	30	U
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U J3
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Duplicate - Batch: 660-88716

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-33001-2

Analysis Batch: 660-88716

Instrument ID: BVMH GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: 1HL1714.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 12/17/2009 1756

Final Weight/Volume: 5 mL

Date Prepared: 12/17/2009 1756

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Trichloroethene	0.50	U	0.50	NC	30	U
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U
Surrogate	% Rec		Acceptance Limits			
4-Bromofluorobenzene	106		70 - 130			
Dibromofluoromethane	92		70 - 130			
Toluene-d8 (Surr)	95		70 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method Blank - Batch: 660-88688

Method: 8011

Preparation: 8011

Lab Sample ID: MB 660-88688/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 2104
Date Prepared: 12/17/2009 1300

Analysis Batch: 660-88695
Prep Batch: 660-88688
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L17U013.D
Initial Weight/Volume: 34.2377 mL
Final Weight/Volume: 2 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020
Surrogate	% Rec		Acceptance Limits	
1,1,1,2-Tetrachloroethane	98		60 - 140	

Lab Control Sample - Batch: 660-88688

Method: 8011

Preparation: 8011

Lab Sample ID: LCS 660-88688/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 2124
Date Prepared: 12/17/2009 1300

Analysis Batch: 660-88695
Prep Batch: 660-88688
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L17U014.D
Initial Weight/Volume: 34.1945 mL
Final Weight/Volume: 2 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.256	0.261	102	60 - 140	
Ethylene Dibromide	0.256	0.250	98	60 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-88688

Method: 8011

Preparation: 8011

MS Lab Sample ID: 660-33001-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 2206
Date Prepared: 12/17/2009 1300

Analysis Batch: 660-88695
Prep Batch: 660-88688

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L17U016.D
Initial Weight/Volume: 33.5523 mL
Final Weight/Volume: 2 mL
Injection Volume: 4 uL
Column ID: PRIMARY

MSD Lab Sample ID: 660-33001-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 2226
Date Prepared: 12/17/2009 1300

Analysis Batch: 660-88695
Prep Batch: 660-88688

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L17U017.D
Initial Weight/Volume: 35.2644 mL
Final Weight/Volume: 2 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2-Dibromo-3-Chloropropane	113	112	60 - 140	6	40		
Ethylene Dibromide	114	109	60 - 140	10	40		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Duplicate - Batch: 660-88688

Method: 8011

Preparation: 8011

Lab Sample ID: 660-33001-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 2307
Date Prepared: 12/17/2009 1300

Analysis Batch: 660-88695
Prep Batch: 660-88688
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L17U019.D
Initial Weight/Volume: 36.0987 mL
Final Weight/Volume: 2 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.010	U	0.0097	NC	40	U
Ethylene Dibromide	0.010	U	0.0097	NC	40	U
Surrogate	% Rec		Acceptance Limits			
1,1,1,2-Tetrachloroethane	103		60 - 140			

Duplicate - Batch: 660-88688

Method: 8011

Preparation: 8011

Lab Sample ID: 660-33001-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 2349
Date Prepared: 12/17/2009 1300

Analysis Batch: 660-88695
Prep Batch: 660-88688
Units: ug/L

Instrument ID: HP 5890 DUAL ECD
Lab File ID: 1L17U021.D
Initial Weight/Volume: 34.3144 mL
Final Weight/Volume: 2 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	NC	40	U
Ethylene Dibromide	0.010	U	0.010	NC	40	U
Surrogate	% Rec		Acceptance Limits			
1,1,1,2-Tetrachloroethane	123		60 - 140			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method Blank - Batch: 680-156449

Lab Sample ID: MB 680-156449/18-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/18/2009 2234
Date Prepared: 12/17/2009 1203

Analysis Batch: 680-156907
Prep Batch: 680-156449
Units: ug/L

Method: 6020A Preparation: 3005A Total Recoverable

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Arsenic	1.3	U	1.3	2.5
Barium	1.3	U	1.3	5.0
Beryllium	0.25	U	0.25	0.50
Cadmium	0.095	U	0.095	0.50
Chromium	2.5	U	2.5	5.0
Cobalt	0.15	U	0.15	0.50
Copper	1.1	U	1.1	5.0
Iron	33	U	33	100
Lead	0.20	U	0.20	1.5
Nickel	2.0	U	2.0	4.0
Selenium	1.0	U	1.0	2.5
Silver	0.25	U	0.25	1.0
Thallium	0.50	U	0.50	1.0
Vanadium	3.8	U	3.8	10
Zinc	8.3	U	8.3	20

Method Blank - Batch: 680-156449

Lab Sample ID: MB 680-156449/18-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2009 2205
Date Prepared: 12/17/2009 1203

Analysis Batch: 680-156912
Prep Batch: 680-156449
Units: mg/L

Method: 6020A Preparation: 3005A Total Recoverable

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.25	U	0.25	0.50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method Blank - Batch: 680-156449

Lab Sample ID: MB 680-156449/18-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/21/2009 2205

Date Prepared: 12/17/2009 1203

Analysis Batch: 680-156912

Prep Batch: 680-156449

Units: ug/L

Method: 6020A

Preparation: 3005A

Total Recoverable

Instrument ID: ICP MS - A

Lab File ID: N/A

Initial Weight/Volume: 50 mL

Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Antimony	2.3	U	2.3	5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Lab Control Sample - Batch: 680-156449

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-156449/19-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/18/2009 2241
Date Prepared: 12/17/2009 1203

Analysis Batch: 680-156907
Prep Batch: 680-156449
Units: ug/L

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	100	102	102	75 - 125	
Barium	100	96.4	96	75 - 125	
Beryllium	50.0	50.2	100	75 - 125	
Cadmium	50.0	49.7	99	75 - 125	
Chromium	100	95.4	95	75 - 125	
Cobalt	50.0	48.5	97	75 - 125	
Copper	100	96.9	97	75 - 125	
Iron	5000	4770	95	75 - 125	
Lead	50.0	47.8	96	75 - 125	
Nickel	100	97.0	97	75 - 125	
Selenium	100	96.7	97	75 - 125	
Silver	50.0	48.7	97	75 - 125	
Thallium	40.0	37.8	94	75 - 125	
Vanadium	100	98.8	99	75 - 125	
Zinc	100	103	103	75 - 125	

Lab Control Sample - Batch: 680-156449

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-156449/19-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2009 2212
Date Prepared: 12/17/2009 1203

Analysis Batch: 680-156912
Prep Batch: 680-156449
Units: mg/L

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	5.00	5.30	106	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Lab Control Sample - Batch: 680-156449

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-156449/19-A

Analysis Batch: 680-156912

Instrument ID: ICP MS - A

Client Matrix: Water

Prep Batch: 680-156449

Lab File ID: N/A

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 50 mL

Date Analyzed: 12/21/2009 2212

Final Weight/Volume: 250 mL

Date Prepared: 12/17/2009 1203

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	51.1	102	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-156449

Method: 6020A

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 680-53435-E-1-E MS Analysis Batch: 680-156907
Client Matrix: Water Prep Batch: 680-156449
Dilution: 1.0
Date Analyzed: 12/19/2009 0027
Date Prepared: 12/17/2009 1203

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 680-53435-E-1-F MSD Analysis Batch: 680-156907
Client Matrix: Water Prep Batch: 680-156449
Dilution: 1.0
Date Analyzed: 12/19/2009 0034
Date Prepared: 12/17/2009 1203

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	100	102	75 - 125	2	20		
Barium	97	96	75 - 125	1	20		
Beryllium	101	101	75 - 125	0	20		
Cadmium	97	100	75 - 125	4	20		
Chromium	94	95	75 - 125	1	20		
Cobalt	91	93	75 - 125	2	20		
Copper	92	93	75 - 125	1	20		
Iron	92	90	75 - 125	2	20		
Lead	89	93	75 - 125	4	20		
Nickel	91	93	75 - 125	2	20		
Selenium	92	94	75 - 125	3	20		
Silver	93	95	75 - 125	2	20		
Thallium	89	92	75 - 125	3	20		
Vanadium	99	100	75 - 125	1	20		
Zinc	101	102	75 - 125	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-156449

Method: 6020A

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 680-53435-E-1-E MS Analysis Batch: 680-156912
Client Matrix: Water Prep Batch: 680-156449
Dilution: 1.0
Date Analyzed: 12/22/2009 0000
Date Prepared: 12/17/2009 1203

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 680-53435-E-1-F MSD Analysis Batch: 680-156912
Client Matrix: Water Prep Batch: 680-156449
Dilution: 1.0
Date Analyzed: 12/22/2009 0007
Date Prepared: 12/17/2009 1203

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	106	96	75 - 125	1	20		

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-156449

Method: 6020A

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 680-53435-E-1-E MS Analysis Batch: 680-156912
Client Matrix: Water Prep Batch: 680-156449
Dilution: 1.0
Date Analyzed: 12/22/2009 0000
Date Prepared: 12/17/2009 1203

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 680-53435-E-1-F MSD Analysis Batch: 680-156912
Client Matrix: Water Prep Batch: 680-156449
Dilution: 1.0
Date Analyzed: 12/22/2009 0007
Date Prepared: 12/17/2009 1203

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Antimony	102	106	75 - 125	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method Blank - Batch: 680-156448

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 680-156448/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2009 1255
Date Prepared: 12/17/2009 1204

Analysis Batch: 680-156817
Prep Batch: 680-156448
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.091	U	0.091	0.20

Lab Control Sample - Batch: 680-156448

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 680-156448/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2009 1258
Date Prepared: 12/17/2009 1204

Analysis Batch: 680-156817
Prep Batch: 680-156448
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.45	98	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-156448

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 680-53550-H-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2009 1311
Date Prepared: 12/17/2009 1204

Analysis Batch: 680-156817
Prep Batch: 680-156448

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 680-53550-H-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2009 1314
Date Prepared: 12/17/2009 1204

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	98	110	80 - 120	11	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method Blank - Batch: 660-88613

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-88613/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/16/2009 1055
Date Prepared: N/A

Analysis Batch: 660-88613
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-88613

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-88613/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/16/2009 1241
Date Prepared: N/A

Analysis Batch: 660-88613
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.3	103	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88613

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-33001-7
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/16/2009 1619
Date Prepared: N/A

Analysis Batch: 660-88613
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 660-33001-7
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 12/16/2009 1636
Date Prepared: N/A

Analysis Batch: 660-88613
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	116	101	90 - 110	7	30	J3	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method Blank - Batch: 660-88650

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-88650/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 1343
Date Prepared: N/A

Analysis Batch: 660-88650
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Ammonia (as N)	0.010	U	0.010	0.020

Lab Control Sample - Batch: 660-88650

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-88650/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 1344
Date Prepared: N/A

Analysis Batch: 660-88650
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.502	100	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-88650

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-33001-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 1403
Date Prepared: N/A

Analysis Batch: 660-88650
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-33001-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 1404
Date Prepared: N/A

Analysis Batch: 660-88650
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia (as N)	81	82	90 - 110	1	30	J3	J3

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method Blank - Batch: 660-88587

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-88587/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/16/2009 1047
Date Prepared: N/A

Analysis Batch: 660-88587
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrite as N	0.10	U	0.10	0.50
Nitrite as N	0.10	U	0.10	0.50
Nitrate as N	0.10	U	0.10	0.50

Lab Control Sample - Batch: 660-88587

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-88587/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/16/2009 1047
Date Prepared: N/A

Analysis Batch: 660-88587
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.969	97	90 - 110	
Nitrite as N	1.00	0.958	96	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-88587

Method: 353.2

Preparation: N/A

MS Lab Sample ID: 660-33001-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/16/2009 1047
Date Prepared: N/A

Analysis Batch: 660-88587
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-33001-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/16/2009 1047
Date Prepared: N/A

Analysis Batch: 660-88587
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	98	99	90 - 110	1	30		
Nitrite as N	95	97	90 - 110	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Method Blank - Batch: 660-88629

Method: SM 2540C
Preparation: N/A

Lab Sample ID: MB 660-88629/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 1223
Date Prepared: N/A

Analysis Batch: 660-88629
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	PQL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Lab Control Sample - Batch: 660-88629

Method: SM 2540C
Preparation: N/A

Lab Sample ID: LCS 660-88629/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 1224
Date Prepared: N/A

Analysis Batch: 660-88629
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9910	99	80 - 120	

Duplicate - Batch: 660-88629

Method: SM 2540C
Preparation: N/A

Lab Sample ID: 660-32990-A-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/17/2009 1226
Date Prepared: N/A

Analysis Batch: 660-88629
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	2500	2440	2	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Serial Number

06712

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

10600-33001

☐ TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

☐ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE		PROJECT NO.	PROJECT LOCATION (STATE)	MATRIX TYPE	REQUIRED ANALYSIS		PAGE	OF
SAMPLE'S SIGNATURE		P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT....)	8260 API 8011 EDB 6020 (SAL) Ammonia chloride nitrate TDS PRESERVATIVE		STANDARD REPORT DELIVERY ☐	
CLIENT (SITE) PM		CLIENT PHONE	CLIENT FAX				EXPEDITED REPORT DELIVERY (SURCHARGE) ☐	
CLIENT NAME		CLIENT E-MAIL				DATE DUE		
CLIENT ADDRESS						DATE DUE		
COMPANY CONTRACTING THIS WORK (if applicable)						NUMBER OF COOLERS SUBMITTED PER SHIPMENT:		
SAMPLE		SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS SUBMITTED		REMARKS		
DATE	TIME							
12/14	16:19	MU-7R		33		1		
12/14	11:02	MU-5R		33		1		
12/14	11:37	MU-15		33		1		
12/14	12:04	MU-8R		33		1		
12/14	13:06	MU-6R		33		1		
12/14	13:43	MU-10R		33		1		
12/14	14:20	MU-9		33		1		
12/14	05:19	MU-6R		33		1		
12/14		Top Blank		33		1		
RELINQUISHED BY (SIGNATURE)		DATE	TIME	RELINQUISHED BY (SIGNATURE)		DATE	TIME	
RECEIVED BY (SIGNATURE)		DATE	TIME	RECEIVED BY (SIGNATURE)		DATE	TIME	
CONTAINERS		DATE	TIME	CONTAINERS		DATE	TIME	
RECEIVED FOR LABORATORY BY (SIGNATURE)		DATE	TIME	RECEIVED FOR LABORATORY BY (SIGNATURE)		DATE	TIME	
CUSTODY YES ☐ NO ☐		CUSTODY SEAL NO.		TAMPA LOG NO.		COOLER TEMP. UPON RECEIPT		LABORATORY/REMARKS
				33001		10941.2		1402

JOB NUMBER: 6600-33001 Logged in TALS By: Amanda Harrison

Cooler Received on (date) 12/15/09 And Opened By (full name): Amanda Harrison

1. Shipper (circle one) FEDEX UPS DHL WALK-IN COURIER OTHER: _____

2. Tracking #: _____

3. Temperature of rep. sample or temp blank when opened: 1.2 & 1.4 Degrees Celsius CU-07

4. Number of H2SO4 (sulfuric acid) preserved containers: 8

All containers pH < 2? yes If not please comment below:

5. Number of HCL (hydrochloric acid) preserved containers: _____

All containers pH < 2? _____ If not please comment below:

6. Number of HNO3 (nitric acid) preserved containers: 16

All containers pH < 2? yes If not please comment below:

7. Number of NaOH (sodium hydroxide) preserved containers: _____

All containers pH > 12? _____ If not please comment below:

8. Number of Unpreserved containers: 16

All containers pH between 6 and 8? NO If not please comment below:

MW-SR pH=5.5

9. Was chlorine present in any of the unpreserved containers? NO

If yes, which samples? _____

Login Sample Receipt Check List

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Login Number: 33001

List Source: TestAmerica Tampa

Creator: Harrison, Amanda

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	1.4 and 1.2 degrees C CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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.	False	no vials are labeled, 1 label was placed on the outside of each baggie.
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	no dates or times provided on sample labels
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	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	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: EnviroSouth Technologies, Inc.

Job Number: 660-33001-1

Login Number: 33001

Creator: Conner, Keaton

List Number: 1

List Source: TestAmerica Savannah

List Creation: 12/17/09 08:39 AM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	
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	
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	False	
Sample Preservation Verified	True	

ATTACHMENT B

Groundwater Elevation Data

Table 1: Groundwater Elevation Summary
Desoto County Section 16 Class I Landfill
FDEP Permit No. 42019-004-SO

Well No.	MW-A		MW-AR		MW-Ba		MW-1a		MW-1aR	
Screen (ngvd)	21.16-11.16		27.04-17.04		25.28-15.28		38.6-28.6		42.38-32.38	
TOC (ngvd)	31.76		32.58		45.86		48.84		49.96	
Date	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
09/25/03			22.58	10.00	24.16	21.70	42.92	5.92		
12/22/03			22.66	9.92	24.16	21.70	41.34	7.50		
03/29/04			22.98	9.60	24.26	21.60	41.74	7.10		
06/28/04	21.51	10.25	21.13	11.45	22.26	23.60	41.39	7.45		
09/28/04			24.58	8.00	24.16	21.70	Damaged			
12/14/04			16.70	15.88	23.29	22.57			40.81	9.15
03/22/05			22.14	10.44	23.31	22.55			37.30	12.66
06/29/05			23.72	8.86	28.76	17.10			43.11	6.85
11/08/05			23.73	8.85	28.86	17.00			43.16	6.80
02/06/06	22.93	8.83	22.85	9.73	23.38	22.48			41.39	8.57
06/06/06			21.37	11.21	22.07	23.79			39.49	10.47
09/29/06			23.63	8.95	24.22	21.64			43.00	6.96
12/28/06			22.73	9.85	23.36	22.50			40.89	9.07
04/27/07			22.00	10.58	22.64	23.22			40.15	9.81
06/25/07			21.64	10.94	22.46	23.40			39.85	10.11
12/04/07			20.70	11.88	21.44	24.42			39.78	10.18
01/17/08			21.25	11.33	22.01	23.85			38.53	11.43
04/17/08			21.37	11.21	22.07	23.79			38.69	11.27
06/10/08			20.97	11.61	21.38	24.48			38.74	11.22
09/04/08			21.62	10.96	22.01	23.85			39.43	10.53
12/03/08			21.95	10.63	22.82	23.04			40.16	9.8
03/10/09			21.45	11.13					39.09	10.87
06/18/09			21.38	11.20	22.02	23.84			39.49	10.47
09/25/09			21.72	10.86	22.46	23.40			39.97	9.99
12/14/09			22.58	10.00	23.26	22.60			40.99	8.97

Well No.	MW-4		MW-4R		MW-5		MW-5R		MW-6a	
Screen (ngvd)	37.19-27.19		45.56-35.56		41.75-31.75		41.89-31.89		45.05-35.05	
TOC (ngvd)	49.86		49.75		55.23		56.38		55.05	
Date	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
09/25/03							43.40	12.98		
12/22/03					40.90	14.33	41.05	15.33	40.86	14.19
03/29/04			40.95	8.80			41.48	14.90		
06/28/04					41.03	14.20	44.48	11.90	41.07	13.98
09/28/04							43.40	12.98		
12/14/04							40.03	16.35		
03/22/05							39.50	16.88		
06/29/05							43.28	13.10		
11/08/05							43.38	13.00		
02/06/06	41.51	8.35	40.79	8.96	39.51	15.72	39.14	17.24	39.59	15.46
06/06/06			39.24	10.51			37.26	19.12		
09/29/06			42.61	7.14			41.82	14.56		
12/28/06			38.74	11.01			38.15	18.23		
04/27/07			37.96	11.79			37.42	18.96		
06/25/07			37.97	11.78			37.27	19.11		
12/04/07			39.14	10.61			37.54	18.84		
01/17/08			DRY				35.52	20.86		
04/17/08			DRY				35.66	20.72		
06/10/08			DRY				34.60	21.78		
09/04/08			39.12	10.63			35.35	21.03		
12/03/08			39.92	9.83			38.60	17.78		
03/10/09			38.82	10.93			37.04	19.34		
06/18/09			38.53	11.22			36.80	19.58		
09/25/09			39.02	10.73			37.27	19.11		
12/14/09			39.67	10.08			39.27	17.11		

Table 1: Groundwater Elevation Summary
Desoto County Section 16 Class I Landfill
FDEP Permit No. 42019-004-SO

Well No.	MW-6aR		MW-7		MW-7R		MW-8		MW-8R	
Screen (ngvd)	44.77-29.77		39.83-29.83		46.13-36.13		48.53-33.53		55.27	
TOC (ngvd)	57.02		51.23		51.26		56.25			
Date	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
09/25/03	44.48	12.54	44.51	6.72	43.42	7.84			39.87	15.40
12/22/03	43.48	13.54	44.14	7.09	44.91	6.35			39.87	15.40
03/29/04	40.77	16.25			45.56	5.70			43.37	11.90
06/28/04	44.12	12.90	44.51	6.72	42.71	8.55	42.07	14.18	38.27	17.00
09/28/04	43.02	14.00			45.86	5.40			43.02	12.25
12/14/04	39.66	17.36			47.26	4.00			39.02	16.25
03/22/05	39.66	17.36			44.82	6.44			38.87	16.40
06/29/05	42.17	14.85			45.16	6.10			43.33	11.94
11/08/05	42.27	14.75			45.16	6.10			43.32	11.95
02/06/06	41.36	15.66	42.92	8.31	43.76	7.50	39.37	16.88	39.19	16.08
06/06/06	37.45	19.57			42.45	8.81			37.53	17.74
09/29/06		NR				NR			41.63	13.64
12/28/06	39.84	17.18							38.72	16.55
04/27/07	39.08	17.94			43.30	7.96			37.91	17.36
06/25/07	37.21	19.81			42.79	8.47			37.79	17.48
12/04/07	39.73	17.29			42.20	9.06			37.64	17.63
01/17/08	34.19	22.83			DRY				36.44	18.83
04/17/08	34.26	22.76			DRY				36.58	18.69
06/10/08	32.65	24.37			DRY				35.92	19.35
09/04/08	33.40	23.62			42.37	8.89			36.64	18.63
12/03/08	38.05	18.97			42.70	8.56			38.45	16.82
03/10/09	34.63	22.39			42.43	8.83			37.36	17.91
06/18/09	34.62	22.40			45.83	5.43			37.27	18
09/25/09	35.28	21.76			46.14	5.12			37.92	17.35
12/14/09	40.13	16.89			44.25	7.01			39.34	15.93

Well No.	MW-9		MW-10		MW-10R		MW-11		MW-15	
Screen (ngvd)	44.07-34.07		47.67-32.67		59.15		30.47-15.47		46.53-36.53	
TOC (ngvd)	51.50		56.77				38.46		54.57	
Date	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
09/25/03	41.00	10.50			41.77	17.38	23.46	15.00		
12/22/03	43.50	8.00	41.63	15.14	41.77	17.38	22.81	15.65		
03/29/04	43.95	7.55			40.70	18.45	21.91	16.55		
06/28/04	40.20	11.30	41.77	15.00	40.95	18.20	22.61	15.85		
09/28/04	41.00	10.50			41.77	17.38	23.46	15.00		
12/14/04	41.80	9.70			39.58	19.57	17.86	20.60		
03/22/05	41.70	9.80			39.58	19.57	17.46	21.00		
06/29/05	43.59	7.91			41.83	17.32	23.66	14.80		
11/08/05	43.62	7.88			41.86	17.29	23.78	14.68		
02/06/06	42.44	9.06	40.00	16.77	39.52	19.63	23.09	15.37		
06/06/06	39.69	11.81			37.47	21.68	22.32	16.14		
09/29/06	44.08	7.42			41.49	17.66	NR		42.14	12.43
12/28/06	41.51	9.99			38.92	20.23	22.95	15.51	38.99	15.58
04/27/07	40.70	10.80			38.17	20.98	22.17	16.29	38.16	16.41
06/25/07	39.93	11.57			37.48	21.67	22.15	16.31	37.98	16.59
12/04/07	40.78	10.72			37.88	21.27	21.44	17.02	37.60	16.97
01/17/08	38.60	12.90			36.09	23.06	21.99	16.47	DRY	
04/17/08	38.64	12.86			36.17	22.98	22.05	16.41	DRY	
06/10/08	37.69	13.81			35.31	23.84	21.71	16.75	DRY	
09/04/08	38.36	13.14			36.19	22.96	22.36	16.10	38.38	16.19
12/03/08	40.78	10.72			38.18	20.97	22.65	15.81	38.25	16.32
03/10/09	39.57	11.93			37.05	22.10	22.31	16.15	36.87	17.70
06/18/09	39.38	12.12			36.66	22.49	22.24	16.22	37.51	17.06
09/25/09	39.97	11.53			38.19	20.96	22.84	15.62	37.78	16.79
12/14/09	41.90	9.60			38.77	20.38	23.16	15.30	39.81	14.76

Table 1: Groundwater Elevation Summary
Desoto County Section 16 Class I Landfill
FDEP Permit No. 42019-004-SO

Well No. Screen (ngvd) TOC (ngvd)	CMW-12 44.9-34.9 49.20		CMW-13 16.97-6.97 37.56		CMW-14 25.1-15.1 27.56		PZ-1 31.39-26.39 31.39		PZ-2 24.05-19.05 24.05	
Date	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
09/25/03	41.40	7.80	20.41	17.15	17.01	10.55				
12/22/03	41.40	7.80	20.41	17.15	17.16	10.40				
03/29/04	37.80	11.40	18.11	19.45	15.06	12.50				
06/28/04	42.10	7.10	19.66	17.90	14.56	13.00				
09/28/04	39.00	10.20	21.06	16.50	19.06	8.50				
12/14/04	38.00	11.20	19.51	18.05	15.71	11.85				
03/22/05	32.90	16.30	20.22	17.34	16.21	11.35				
06/29/05	41.59	7.61	19.66	17.90	17.15	10.41				
11/08/05	41.85	7.35	19.79	17.77	17.18	10.38				
02/06/06	37.70	11.50	20.17	17.39	16.06	11.50				
06/06/06	40.66	8.54	20.60	16.96	17.38	10.18				
09/29/06	39.83	9.37	20.49	17.07	17.14	10.42				
12/28/06	37.24	11.96	19.80	17.76	16.86	10.70				
04/27/07	36.42	12.78	19.35	18.21	16.67	10.89				
06/25/07	36.96	12.24	18.93	18.63	16.60	10.96				
12/04/07	35.46	13.74	18.53	19.03	16.65	10.91				
01/17/08	DRY		18.80	18.76	16.93	10.63				
04/17/08	35.90	13.30	18.84	18.72	16.70	10.86				
06/10/08	34.87	14.33	18.45	19.11	16.59	10.97	22.70	8.69	18.52	5.53
09/04/08	38.71	10.49	19.86	17.70	13.46	14.10	24.45	6.94	19.86	4.19
12/03/08	36.87	12.33	19.27	18.29	16.72	10.84	26.73	4.66	20.76	3.29
03/10/09	35.81	13.39	18.96	18.60	16.61	10.95	23.50	7.89	19.03	5.02
06/18/09	35.66	13.54	18.78	18.78	16.56	11.00	23.19	8.20	18.81	5.24
09/25/09	38.36	10.84	20.12	17.44	16.96	10.60	23.63	7.76	19.14	4.91
12/14/09	37.55	11.65	19.67	17.89	16.78	10.78	23.38	8.01	19.06	4.99

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME:	DCLF	SITE LOCATION:	Aracantha, FL
WELL NO:	MW-AR	SAMPLE ID:	MW-AR
		DATE:	12-21-09

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME:	DCLF	SITE LOCATION:	Ascension, FL
WELL NO:	MW-BA	SAMPLE ID:	MW-BA
		DATE:	12-21-09

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCLF		SITE LOCATION: Arcadia, FL	
WELL NO: mw-1aR		DATE: 12/14/09	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCLF		SITE LOCATION: Arcadia	
WELL NO: MW-5R	SAMPLE ID: MW-5R	DATE: 12/14/09	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 2):**
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2);
 optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
 Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCLF		SITE LOCATION: Arcadia	
WELL NO: MW-6aP	SAMPLE ID: MW-6aR	DATE: 12/14/09	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. The above do not constitute all of the information required by Chapter 62-100, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCLF		SITE LOCATION: Arcadia	
WELL NO: MW-7R	SAMPLE ID: MW-7R	DATE: 12/14/29	

PURGING DATA

PURGING DATA					
WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to 10.5 feet	STATIC DEPTH TO WATER (feet): 7.01	PURGE PUMP TYPE OR BAILER: PP	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)					
= (		feet -	feet) X	gallons/foot = 5584 gallons	
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)					
=		gallons + (	gallons/foot X	feet) +	gallons = gallons
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	PURGING INITIATED AT: 15:49	PURGING ENDED AT: 15:59	TOTAL VOLUME PURGED (gallons): 1.0	

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 6.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; S = Sump (Pump)

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3):**
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2);
 optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCLF		SITE LOCATION: Arcadia	
WELL NO: MW-82		DATE: 12/14/09	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCLF		SITE LOCATION: Arcadia	
WELL NO: MW-9	SAMPLE ID: MW-9	DATE: 12/14/09	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLING DATA										
SAMPLED BY (PRINT) / AFFILIATION: <i>Jon Drott / ENSR</i>				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>14:10</i>		SAMPLING ENDED AT: <i>14:20</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>PE</i>				TUBING MATERIAL CODE: <i>PE</i>			FIELD-FILTERED: Y <i>(N)</i>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <i>(N)</i>				TUBING Y <i>(N (replace))</i>			DUPLICATE: Y <i>(N)</i>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 9):**
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
 Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCLF		SITE LOCATION: Arcadia	
WELL NO: MW-10R	SAMPLE ID: MW-10R	DATE: 12/14/09	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. The above do not constitute all of the information required by Chapter 62-100, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCF		SITE LOCATION: Arcadia, FL	
WELL NO: MW-11		DATE: 12-21-09	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLING DATA						SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
SAMPLED BY (PRINT) / AFFILIATION: Brantley Poe / Ensworth				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		11:38		12:12	
PUMP OR TUBING DEPTH IN WELL (feet): 23				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y <u>N</u> Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <u>N</u> TUBING Y <u>N (replaced)</u>						DUPLICATE: Y <u>N</u>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
As Specified									
REMARKS: After both VOC's (packages) were filled, well went dry @ ~ 11:42. (Let Recharge) 12:01									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCLF		SITE LOCATION: Arcadia	
WELL NO: MW-15		DATE: 12/14/85	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCLF		SITE LOCATION: Arcadia, FL	
WELL NO: CMW-12		DATE: 12/21/08	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: <u>NLF</u>		SITE LOCATION: <u>Arcadia, FL</u>	
WELL NO: <u>CMU-13</u>		DATE: <u>12/21/09</u>	

PURGING DATA

PURGING DATA						
WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	1/4	WELL SCREEN INTERVAL DEPTH: feet to 30 feet	STATIC DEPTH TO WATER (feet): 17.87	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)						
		= (		feet -	feet) X	gallons/foot = 1.9536 gallons
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)						
		=		gallons + (	gallons/foot X	feet) + gallons = gallons
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	13.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	18.5	PURGING INITIATED AT: 10:58	PURGING ENDED AT: 11:22	TOTAL VOLUME PURGED (gallons): 2.4
				DISSOLVED		

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. The above do not constitute all of the information required by Chapter 62-100, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: DCLF		SITE LOCATION:	
WELL NO: CMW-14	SAMPLE ID: CMW-14		DATE: 12/21/09

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

ATTACHMENT C

Landfill Gas Monitoring Data

TABLE 2: GAS MONITORING WELL DATA
 DESOTO COUNTY SECTION 16 LANDFILL
 3268 DISHONG ROAD, ARCADIA, FLORIDA

Sample		Time	Ambient Reading Outside Wellhead					Recorded Reading from Wellhead				
Location	Date	Collected	%LEL	%O2	CO ppm	H2S ppm	CH4	%LEL	%O2	CO ppm	H2S ppm	CH4
GMW-1	12/17/04	8:25	0.0	20.9	0.0	0.0		0.0	20.9	0.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06	14:59	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/22/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/28/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/17/08	11:08	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/10/08	8:15	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	10:48	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	8:19	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:05	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:05	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09	11:25	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/14/09	10:08	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
GMW-2	12/17/04	9:45	0.0	20.9	0.0	0.0		0.0	20.0	0.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06	13:35	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/22/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/28/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/17/08	11:15	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/10/08	8:23	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	10:54	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	7:20	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:12	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:09	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09	11:29	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/14/09	9:02	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
GMW-3	12/17/04	9:30	0.0	20.9	0.0	0.0		0.0	20.9	0.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06	13:17	0.0	20.3	0.0	0.0	0.0	0.0	15.6	4.2	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/22/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	12/28/06		0.0	20.8	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/17/08	8:35	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/10/08	8:30	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	10:59	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	7:36	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:16	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:15	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09	11:34	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/14/09	9:20	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
GMW-4	12/17/04	7:32	0.0	20.9	0.0	0.0		>100	11.7	4.0	2.0	
	02/06/06		0.0	20.8	0.0	0.0	0.0	884.0	2.1	28.0	0.0	49.2
	03/08/06	13:01	0.0	20.4	0.0	0.0	0.0	968.0	1.6	24.2	0.0	48.6
	06/20/06		0.0	20.8	0.0	0.0	0.0	>100	1.5	23.5	0.0	48.4
	09/22/06		0.0	20.9	0.0	0.0	0.0	>100	1.6	23.4	0.0	48.5
	12/28/06		0.0	20.9	0.0	0.0	0.0	>100	2.0	24.5	0.0	49.7
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/17/08	8:25	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/10/08	8:41	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	11:06	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	7:40	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:19	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:21	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09	11:37	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/14/09	9:26	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0

TABLE 2: GAS MONITORING WELL DATA
 DESOTO COUNTY SECTION 16 LANDFILL
 3268 DISHONG ROAD, ARCADIA, FLORIDA

Sample		Time	Ambient Reading Outside Wellhead					Recorded Reading from Wellhead				
Location	Date	Collected	%LEL	%O2	CO ppm	H2S ppm	CH4	%LEL	%O2	CO ppm	H2S ppm	CH4
GWM-4 EAST	12/17/04	7:40	0.0	20.9	0.0	0.0		0.0	20.9	0.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06	13:09	0.0	20.7	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/22/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	12/28/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/17/08	8:27	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/10/08	8:50	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	11:03	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	7:46	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:21	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:23	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09											
	12/14/09	9:29	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
GMW-4 WEST	12/17/04	7:50	0.0	20.9	0.0	0.0		0.0	20.9	0.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06	13:12	0.0	20.7	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/22/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	12/28/06		0.0	20.8	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/17/08	8:32	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/10/08	8:44	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	11:12	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	7:49	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:22	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:26	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09	11:49	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/14/09	9:32	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
GMW-5	12/17/04	8:00	0.0	20.9	1.0	0.0		>100	0.7	6.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06	14:40	0.0	20.6	0.0	0.0	0.0	642.0	0.1	19.9	0.0	32.1
	06/20/06		0.0	20.6	0.0	0.0	0.0	>100	0.3	19.8	0.0	28.4
	09/22/06		0.0	20.7	0.0	0.0	0.0	>100	0.5	19.6	0.0	33.1
	12/28/06		0.0	20.8	0.0	0.0	0.0	0.0	0.3	19.9	0.0	32.2
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/17/08	11:50	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/10/08	9:13	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	11:30	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	7:55	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:26	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:32	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09	11:57	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/14/09	9:38	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
GMW-5 EAST	12/17/04	8:05	0.0	20.9	0.0	0.0		0.0	20.9	0.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06	14:45	0.0	20.7	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/22/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	12/28/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08	11:55	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/10/08	9:22	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	11:34	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	7:59	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:29	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:36	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09											
	12/14/09	9:45	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0

TABLE 2: GAS MONITORING WELL DATA
 DESOTO COUNTY SECTION 16 LANDFILL
 3268 DISHONG ROAD, ARCADIA, FLORIDA

Sample		Time Collected	Ambient Reading Outside Wellhead					Recorded Reading from Wellhead				
Location	Date		%LEL	%O2	CO ppm	H2S ppm	CH4	%LEL	%O2	CO ppm	H2S ppm	CH4
GMW-5 WEST	12/17/04	8:15	0.0	20.9	0.0	0.0		0.0	20.9	0.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06	14:53	0.0	20.7	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/22/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	12/28/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/17/08	11:53	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/10/08	9:07	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	11:43	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	8:03	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:33	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:39	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09	12:06	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/14/09	9:51	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
GMW-6	12/17/04	8:55	0.0	20.9	0.0	0.0		0.0	20.9	0.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06	14:55	0.0	20.6	0.0	0.0	0.0	0.0	17.6	2.5	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	20.1	0.4	0.0	0.0
	09/22/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	12/28/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/17/08	11:05	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	06/10/08	9:32	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	11:50	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	8:10	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:01	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:46	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09	12:28	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/14/09	10:02	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
GMW-7	12/17/04	9:10	0.0	20.9	0.0	0.0		0.0	19.4	1.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06	13:30	0.0	20.4	0.0	0.0	0.0	0.0	18.4	2.3	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	19.9	0.7	0.0	0.0
	09/22/06		0.0	20.9	0.0	0.0	0.0	0.0	19.6	1.1	0.0	0.0
	12/28/06		0.0	20.8	0.0	0.0	0.0	0.0	19.9	0.6	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	01/17/08		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/17/08	11:22	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/10/08	9:40	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/04/08	11:57	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/08	7:28	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	03/10/09	10:18	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/18/09	8:57	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/25/09	12:35	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/14/09	9:11	0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
OFFICE	12/17/04	10:05	0.0	20.9	0.0	0.0		0.0	20.9	0.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/22/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	12/28/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
Scale H.	12/17/04	10:15	0.0	20.9	0.0	0.0		0.0	20.9	0.0	0.0	
	02/06/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	03/08/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/20/06		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	09/22/06		0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0
	12/28/06		0.0	20.3	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	04/27/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	06/25/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0
	12/04/07		0.0	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0