

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

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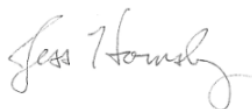
TestAmerica Job ID: 660-52783-1

Client Project/Site: Citrus County Landfill (MW-6)

For:

CDM Smith, Inc.
1715 North Westshore Blvd.
Suite 875
Tampa, Florida 33607

Attn: Mr. Aamod Sonawane



Authorized for release by:
3/6/2013 4:11:14 PM

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

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

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Sample Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-52783-1	MW-6	Water	02/20/13 11:38	02/20/13 13:31

Definitions/Glossary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Metals

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

General Chemistry

Qualifier	Qualifier Description
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.

Subcontract

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Job ID: 660-52783-1

Laboratory: TestAmerica Tampa

Narrative

Receipt

The sample was received on 2/20/2013 1:31 PM; the sample arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.1°C.

GC/MS VOA

Method 524.2: Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 267422. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No other analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

Method 6020: Due to the high concentration of Sodium, the matrix spike / matrix spike duplicate (MS/MSD) for batch 267417 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

Field Service / Mobile Lab

No analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

Subcontract Work

Method 9222D (Coliform, Fecal): This method was subcontracted to Environmental Conservation Laboratories, Inc., whose certification is different from those listed on the TestAmerica certification summary of this final report.

Detection Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Client Sample ID: MW-6

Lab Sample ID: 660-52783-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bromodichloromethane	1.3		0.50	0.10	ug/L	1			524.2	Total/NA
Chloroform	2.1		0.50	0.29	ug/L	1			524.2	Total/NA
Dibromochloromethane	1.3		0.50	0.43	ug/L	1			524.2	Total/NA
Trihalomethanes, Total	4.7		0.50	0.10	ug/L	1			524.2	Total/NA
1,4-Dichlorobenzene	0.57	I	1.0	0.52	ug/L	1			8260B	Total/NA
Benzene	0.64	I	1.0	0.50	ug/L	1			8260B	Total/NA
Bromodichloromethane	1.7		1.0	0.35	ug/L	1			8260B	Total/NA
Chloroform	2.5		1.0	0.90	ug/L	1			8260B	Total/NA
cis-1,2-Dichloroethene	0.81	I	1.0	0.65	ug/L	1			8260B	Total/NA
Dibromochloromethane	1.6		1.0	0.34	ug/L	1			8260B	Total/NA
Vinyl chloride	1.9		1.0	0.50	ug/L	1			8260B	Total/NA
Arsenic	1.8	I	2.5	1.3	ug/L	1			6020	Total Recoverable
Barium	72		5.0	1.3	ug/L	1			6020	Total Recoverable
Beryllium	0.40	I	0.50	0.25	ug/L	1			6020	Total Recoverable
Cadmium	0.27	I	0.50	0.095	ug/L	1			6020	Total Recoverable
Cobalt	1.7		0.50	0.15	ug/L	1			6020	Total Recoverable
Copper	5.8		5.0	1.1	ug/L	1			6020	Total Recoverable
Iron	1800		100	33	ug/L	1			6020	Total Recoverable
Lead	1.2	I	1.5	0.20	ug/L	1			6020	Total Recoverable
Nickel	16		5.0	2.0	ug/L	1			6020	Total Recoverable
Selenium	1.0	I	2.5	1.0	ug/L	1			6020	Total Recoverable
Silver	0.68	I	1.0	0.25	ug/L	1			6020	Total Recoverable
Sodium	120	J3	0.50	0.25	mg/L	1			6020	Total Recoverable
Thallium	0.60	I	1.0	0.50	ug/L	1			6020	Total Recoverable
Mercury	0.13	I	0.20	0.091	ug/L	1			7470A	Total/NA
Chloride	240		10	2.0	mg/L	10			300.0	Total/NA
Ammonia	1.9		0.10	0.052	mg/L	2			350.1	Total/NA
Nitrate as N	5.3		5.0	1.0	mg/L	10			353.2	Total/NA
Total Dissolved Solids	530		17	17	mg/L	1			SM 2540C	Total/NA
Color	Clear				Color Units	1			Field Sampling	Total/NA
Field pH	4.49				SU	1			Field Sampling	Total/NA
Field Temperature	23.2				Degrees C	1			Field Sampling	Total/NA
Oxygen, Dissolved	0.32				mg/L	1			Field Sampling	Total/NA
Sheen	No				SU	1			Field Sampling	Total/NA
Specific Conductance	810				umhos/cm	1			Field Sampling	Total/NA
Turbidity	1.03				NTU	1			Field Sampling	Total/NA
Water Level	110.53				ft	1			Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Client Sample ID: MW-6

Date Collected: 02/20/13 11:38

Date Received: 02/20/13 13:31

Lab Sample ID: 660-52783-1

Matrix: Water

Method: 524.2 - Total Trihalomethane Calculation

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	1.3		0.50	0.10	ug/L			02/25/13 13:58	1
Bromoform	0.39	U	0.50	0.39	ug/L			02/25/13 13:58	1
Chloroform	2.1		0.50	0.29	ug/L			02/25/13 13:58	1
Dibromochloromethane	1.3		0.50	0.43	ug/L			02/25/13 13:58	1
Trihalomethanes, Total	4.7		0.50	0.10	ug/L			02/25/13 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		70 - 130		02/25/13 13:58	1
1,2-Dichlorobenzene-d4	102		70 - 130		02/25/13 13:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/24/13 01:32	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			02/24/13 01:32	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			02/24/13 01:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/24/13 01:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/24/13 01:32	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			02/24/13 01:32	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			02/24/13 01:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/24/13 01:32	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			02/24/13 01:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/24/13 01:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/24/13 01:32	1
1,4-Dichlorobenzene	0.57	I	1.0	0.52	ug/L			02/24/13 01:32	1
2-Butanone	8.4	U	10	8.4	ug/L			02/24/13 01:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/24/13 01:32	1
Acetone	9.9	U	20	9.9	ug/L			02/24/13 01:32	1
Acrylonitrile	1.2	U	10	1.2	ug/L			02/24/13 01:32	1
Benzene	0.64	I	1.0	0.50	ug/L			02/24/13 01:32	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			02/24/13 01:32	1
Bromodichloromethane	1.7		1.0	0.35	ug/L			02/24/13 01:32	1
Bromoform	0.58	U	1.0	0.58	ug/L			02/24/13 01:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/24/13 01:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/24/13 01:32	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			02/24/13 01:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/24/13 01:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/24/13 01:32	1
Chloroform	2.5		1.0	0.90	ug/L			02/24/13 01:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/24/13 01:32	1
cis-1,2-Dichloroethene	0.81	I	1.0	0.65	ug/L			02/24/13 01:32	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			02/24/13 01:32	1
Dibromochloromethane	1.6		1.0	0.34	ug/L			02/24/13 01:32	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			02/24/13 01:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/24/13 01:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/24/13 01:32	1
Iodomethane	2.5	U	5.0	2.5	ug/L			02/24/13 01:32	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			02/24/13 01:32	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/24/13 01:32	1
Styrene	0.98	U	2.0	0.98	ug/L			02/24/13 01:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/24/13 01:32	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Client Sample ID: MW-6

Lab Sample ID: 660-52783-1

Date Collected: 02/20/13 11:38

Matrix: Water

Date Received: 02/20/13 13:31

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.51	U	1.0	0.51	ug/L			02/24/13 01:32	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			02/24/13 01:32	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			02/24/13 01:32	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			02/24/13 01:32	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			02/24/13 01:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/24/13 01:32	1
Vinyl acetate	1.5	U	10	1.5	ug/L			02/24/13 01:32	1
Vinyl chloride	1.9		1.0	0.50	ug/L			02/24/13 01:32	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			02/24/13 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		02/24/13 01:32	1
Dibromofluoromethane	102		70 - 130		02/24/13 01:32	1
Toluene-d8 (Surr)	102		70 - 130		02/24/13 01:32	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0057	U	0.019	0.0057	ug/L		02/26/13 09:56	02/26/13 15:16	1
Ethylene Dibromide	0.0061	U	0.019	0.0061	ug/L		02/26/13 09:56	02/26/13 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1, 1, 1, 2-Tetrachloroethane	108		56 - 144	02/26/13 09:56	02/26/13 15:16	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		02/26/13 07:49	02/26/13 15:25	1
Arsenic	1.8	I	2.5	1.3	ug/L		02/26/13 07:49	02/26/13 20:41	1
Barium	72		5.0	1.3	ug/L		02/26/13 07:49	02/26/13 20:41	1
Beryllium	0.40	I	0.50	0.25	ug/L		02/26/13 07:49	02/26/13 15:25	1
Cadmium	0.27	I	0.50	0.095	ug/L		02/26/13 07:49	02/26/13 20:41	1
Chromium	2.5	U	5.0	2.5	ug/L		02/26/13 07:49	02/26/13 20:41	1
Cobalt	1.7		0.50	0.15	ug/L		02/26/13 07:49	02/26/13 20:41	1
Copper	5.8		5.0	1.1	ug/L		02/26/13 07:49	02/26/13 20:41	1
Iron	1800		100	33	ug/L		02/26/13 07:49	02/26/13 20:41	1
Lead	1.2	I	1.5	0.20	ug/L		02/26/13 07:49	02/26/13 20:41	1
Nickel	16		5.0	2.0	ug/L		02/26/13 07:49	02/26/13 20:41	1
Selenium	1.0	I	2.5	1.0	ug/L		02/26/13 07:49	02/26/13 20:41	1
Silver	0.68	I	1.0	0.25	ug/L		02/26/13 07:49	02/26/13 20:41	1
Sodium	120	J3	0.50	0.25	mg/L		02/26/13 07:49	02/26/13 20:41	1
Thallium	0.60	I	1.0	0.50	ug/L		02/26/13 07:49	02/26/13 20:41	1
Vanadium	3.8	U	10	3.8	ug/L		02/26/13 07:49	02/26/13 20:41	1
Zinc	8.3	U	20	8.3	ug/L		02/26/13 07:49	02/26/13 20:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13	I	0.20	0.091	ug/L		02/22/13 10:09	02/26/13 13:37	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		10	2.0	mg/L			02/26/13 16:46	10
Ammonia	1.9		0.10	0.052	mg/L			02/22/13 18:35	2

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Client Sample ID: MW-6

Lab Sample ID: 660-52783-1

Date Collected: 02/20/13 11:38

Matrix: Water

Date Received: 02/20/13 13:31

General Chemistry (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	5.3		5.0	1.0	mg/L			02/22/13 07:44	10
Total Dissolved Solids	530		17	17	mg/L			02/25/13 10:20	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			02/20/13 11:38	1
Field pH	4.49				SU			02/20/13 11:38	1
Field Temperature	23.2				Degrees C			02/20/13 11:38	1
Oxygen, Dissolved	0.32				mg/L			02/20/13 11:38	1
Sheen	No				SU			02/20/13 11:38	1
Specific Conductance	810				umhos/cm			02/20/13 11:38	1
Turbidity	1.03				NTU			02/20/13 11:38	1
Water Level	110.53				ft			02/20/13 11:38	1

Method: Fecal Coliform (MF) - SM 9222D Fecal Coliform by MF

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	1	U	1	1	CFU/100 ml		02/20/13 15:12	02/21/13 15:12	1

Surrogate Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 524.2 - Total Trihalomethane Calculation

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB (70-130)	12DCB (70-130)
660-52783-1	MW-6	106	102
LCS 680-267422/3	Lab Control Sample	101	100
LCSD 680-267422/4	Lab Control Sample Dup	101	100
MB 680-267422/6	Method Blank	94	90
Surrogate Legend			
BFB = 4-Bromofluorobenzene			
12DCB = 1,2-Dichlorobenzene-d4			

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB (70-130)	DBFM (70-130)	TOL (70-130)
660-52783-1	MW-6	98	102	102
660-52843-B-6 MS	Matrix Spike	99	102	102
660-52843-C-3 DU	Duplicate	99	103	102
LCS 660-134791/5	Lab Control Sample	97	107	102
MB 660-134791/7	Method Blank	98	101	102
Surrogate Legend				
BFB = 4-Bromofluorobenzene				
DBFM = Dibromofluoromethane				
TOL = Toluene-d8 (Surr)				

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCEA2 (56-144)	
640-42380-J-1-A MS	Matrix Spike	85	
640-42380-J-1-B MSD	Matrix Spike Duplicate	90	
660-52783-1	MW-6	108	
LCS 640-99677/4-A	Lab Control Sample	91	
LCSD 640-99677/5-A	Lab Control Sample Dup	91	
MB 640-99677/3-A	Method Blank	87	
Surrogate Legend			
TCEA = 1,1,1,2-Tetrachloroethane			

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 524.2 - Total Trihalomethane Calculation

Lab Sample ID: MB 680-267422/6

Matrix: Water

Analysis Batch: 267422

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.10	U	0.50	0.10	ug/L			02/25/13 13:14	1
Bromoform	0.39	U	0.50	0.39	ug/L			02/25/13 13:14	1
Chloroform	0.29	U	0.50	0.29	ug/L			02/25/13 13:14	1
Dibromochloromethane	0.43	U	0.50	0.43	ug/L			02/25/13 13:14	1
Trihalomethanes, Total	0.10	U	0.50	0.10	ug/L			02/25/13 13:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130		02/25/13 13:14	1
1,2-Dichlorobenzene-d4	90		70 - 130		02/25/13 13:14	1

Lab Sample ID: LCS 680-267422/3

Matrix: Water

Analysis Batch: 267422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	20.0	16.4		ug/L		82	70 - 130
Bromoform	20.0	17.0		ug/L		85	70 - 130
Chloroform	20.0	19.2		ug/L		96	70 - 130
Dibromochloromethane	20.0	18.2		ug/L		91	70 - 130
Trihalomethanes, Total	80.0	70.8		ug/L		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		70 - 130
1,2-Dichlorobenzene-d4	100		70 - 130

Lab Sample ID: LCSD 680-267422/4

Matrix: Water

Analysis Batch: 267422

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromodichloromethane	20.0	16.9		ug/L		85	70 - 130	3	30
Bromoform	20.0	16.9		ug/L		85	70 - 130	0	30
Chloroform	20.0	19.9		ug/L		99	70 - 130	3	30
Dibromochloromethane	20.0	18.5		ug/L		93	70 - 130	2	30
Trihalomethanes, Total	80.0	72.2		ug/L		90	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	101		70 - 130
1,2-Dichlorobenzene-d4	100		70 - 130

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-134791/7

Matrix: Water

Analysis Batch: 134791

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/23/13 23:55	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			02/23/13 23:55	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			02/23/13 23:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/23/13 23:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/23/13 23:55	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			02/23/13 23:55	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			02/23/13 23:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/23/13 23:55	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			02/23/13 23:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/23/13 23:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/23/13 23:55	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			02/23/13 23:55	1
2-Butanone	8.4	U	10	8.4	ug/L			02/23/13 23:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/23/13 23:55	1
Acetone	9.9	U	20	9.9	ug/L			02/23/13 23:55	1
Acrylonitrile	1.2	U	10	1.2	ug/L			02/23/13 23:55	1
Benzene	0.50	U	1.0	0.50	ug/L			02/23/13 23:55	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			02/23/13 23:55	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			02/23/13 23:55	1
Bromoform	0.58	U	1.0	0.58	ug/L			02/23/13 23:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/23/13 23:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/23/13 23:55	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			02/23/13 23:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/23/13 23:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/23/13 23:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/23/13 23:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/23/13 23:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/23/13 23:55	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			02/23/13 23:55	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			02/23/13 23:55	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			02/23/13 23:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/23/13 23:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/23/13 23:55	1
Iodomethane	2.5	U	5.0	2.5	ug/L			02/23/13 23:55	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			02/23/13 23:55	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/23/13 23:55	1
Styrene	0.98	U	2.0	0.98	ug/L			02/23/13 23:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/23/13 23:55	1
Toluene	0.51	U	1.0	0.51	ug/L			02/23/13 23:55	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			02/23/13 23:55	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			02/23/13 23:55	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			02/23/13 23:55	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			02/23/13 23:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/23/13 23:55	1
Vinyl acetate	1.5	U	10	1.5	ug/L			02/23/13 23:55	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			02/23/13 23:55	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			02/23/13 23:55	1

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-134791/7

Matrix: Water

Analysis Batch: 134791

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		02/23/13 23:55	1
Dibromofluoromethane	101		70 - 130		02/23/13 23:55	1
Toluene-d8 (Surr)	102		70 - 130		02/23/13 23:55	1

Lab Sample ID: LCS 660-134791/5

Matrix: Water

Analysis Batch: 134791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	20.0	16.8		ug/L		84	70 - 130
1,1,1-Trichloroethane	20.0	17.1		ug/L		85	63 - 132
1,1,2,2-Tetrachloroethane	20.0	15.4		ug/L		77	70 - 130
1,1,2-Trichloroethane	20.0	18.1		ug/L		91	70 - 130
1,1-Dichloroethane	20.0	17.5		ug/L		87	66 - 130
1,1-Dichloroethene	20.0	15.0		ug/L		75	51 - 150
1,2,3-Trichloropropane	20.0	15.8		ug/L		79	66 - 130
1,2-Dibromo-3-Chloropropane	20.0	14.0		ug/L		70	63 - 130
1,2-Dichlorobenzene	20.0	17.1		ug/L		86	70 - 130
1,2-Dichloroethane	20.0	17.9		ug/L		89	70 - 130
1,2-Dichloropropane	20.0	18.5		ug/L		93	70 - 130
1,4-Dichlorobenzene	20.0	16.8		ug/L		84	70 - 130
2-Butanone	40.0	38.2		ug/L		96	63 - 140
2-Hexanone	40.0	39.1		ug/L		98	60 - 148
Acetone	40.0	44.3		ug/L		111	62 - 142
Acrylonitrile	40.0	38.8		ug/L		97	59 - 146
Benzene	20.0	18.0		ug/L		90	68 - 134
Bromochloromethane	20.0	18.2		ug/L		91	70 - 130
Bromodichloromethane	20.0	18.0		ug/L		90	70 - 130
Bromoform	20.0	15.5		ug/L		77	65 - 130
Bromomethane	20.0	14.7		ug/L		74	22 - 150
Carbon disulfide	40.0	40.3		ug/L		101	30 - 150
Carbon tetrachloride	20.0	17.6		ug/L		88	61 - 134
Chlorobenzene	20.0	16.9		ug/L		84	70 - 130
Chloroethane	20.0	24.5		ug/L		122	39 - 150
Chloroform	20.0	18.6		ug/L		93	68 - 130
Chloromethane	20.0	20.5		ug/L		102	35 - 150
cis-1,2-Dichloroethene	20.0	17.7		ug/L		89	66 - 130
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	70 - 130
Dibromochloromethane	20.0	18.0		ug/L		90	70 - 130
Dibromomethane	20.0	17.8		ug/L		89	70 - 130
Ethylbenzene	20.0	16.9		ug/L		85	70 - 130
Ethylene Dibromide	20.0	17.4		ug/L		87	66 - 130
Iodomethane	40.0	25.6		ug/L		64	50 - 150
Methyl isobutyl ketone (MIBK)	40.0	36.9		ug/L		92	64 - 137
Methylene Chloride	20.0	17.5		ug/L		87	57 - 130
Styrene	20.0	17.2		ug/L		86	68 - 131
Tetrachloroethene	20.0	17.7		ug/L		89	50 - 143
Toluene	20.0	17.6		ug/L		88	70 - 131

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-134791/5

Matrix: Water

Analysis Batch: 134791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	20.0	16.6		ug/L		83	62 - 139
trans-1,3-Dichloropropene	20.0	17.3		ug/L		87	67 - 130
trans-1,4-Dichloro-2-butene	40.0	35.2		ug/L		88	70 - 130
Trichloroethene	20.0	18.2		ug/L		91	63 - 139
Trichlorofluoromethane	20.0	23.9		ug/L		119	62 - 146
Vinyl acetate	20.0	21.9		ug/L		110	31 - 146
Vinyl chloride	20.0	21.0		ug/L		105	48 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	97		70 - 130
Dibromofluoromethane	107		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: 660-52843-B-6 MS

Matrix: Water

Analysis Batch: 134791

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.63	U	20.0	19.9		ug/L		99	70 - 130
1,1,1-Trichloroethane	0.46	U	20.0	22.5		ug/L		112	63 - 132
1,1,2,2-Tetrachloroethane	0.15	U	20.0	18.6		ug/L		93	70 - 130
1,1,2-Trichloroethane	0.47	U	20.0	22.3		ug/L		111	70 - 130
1,1-Dichloroethane	0.52	U	20.0	23.7		ug/L		118	66 - 130
1,1-Dichloroethene	0.45	U	20.0	23.1		ug/L		116	51 - 150
1,2,3-Trichloropropane	0.18	U	20.0	18.4		ug/L		92	66 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	20.0	16.5		ug/L		83	63 - 130
1,2-Dichlorobenzene	0.44	U	20.0	19.7		ug/L		98	70 - 130
1,2-Dichloroethane	0.57	U	20.0	23.2		ug/L		116	70 - 130
1,2-Dichloropropane	0.52	U	20.0	23.3		ug/L		117	70 - 130
1,4-Dichlorobenzene	0.52	U	20.0	19.4		ug/L		97	70 - 130
2-Butanone	8.4	U	40.0	42.6		ug/L		107	63 - 140
2-Hexanone	4.4	U	40.0	42.6		ug/L		106	60 - 148
Acetone	9.9	U	40.0	39.3		ug/L		98	62 - 142
Acrylonitrile	1.2	U	40.0	47.8		ug/L		120	59 - 146
Benzene	0.50	U	20.0	23.5		ug/L		118	68 - 134
Bromochloromethane	0.58	U	20.0	23.2		ug/L		116	70 - 130
Bromodichloromethane	0.35	U	20.0	22.1		ug/L		111	70 - 130
Bromoform	0.58	U	20.0	18.0		ug/L		90	65 - 130
Bromomethane	2.5	U	20.0	8.86		ug/L		44	22 - 150
Carbon disulfide	1.0	U	40.0	59.9		ug/L		150	30 - 150
Carbon tetrachloride	0.42	U	20.0	22.7		ug/L		114	61 - 134
Chlorobenzene	0.63	U	20.0	20.8		ug/L		104	70 - 130
Chloroethane	2.5	U	20.0	22.5		ug/L		113	39 - 150
Chloroform	0.90	U	20.0	23.9		ug/L		120	68 - 130
Chloromethane	1.0	U	20.0	22.2		ug/L		111	35 - 150
cis-1,2-Dichloroethene	0.65	U	20.0	23.1		ug/L		115	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	21.5		ug/L		107	70 - 130
Dibromochloromethane	0.34	U	20.0	21.6		ug/L		108	70 - 130

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-52843-B-6 MS

Matrix: Water

Analysis Batch: 134791

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromomethane	0.41	U	20.0	22.4		ug/L		112	70 - 130
Ethylbenzene	0.44	U	20.0	20.4		ug/L		102	70 - 130
Ethylene Dibromide	0.50	U	20.0	21.8		ug/L		109	66 - 130
Iodomethane	2.5	U	40.0	29.6		ug/L		74	50 - 150
Methyl isobutyl ketone (MIBK)	3.8	U	40.0	44.5		ug/L		111	64 - 137
Methylene Chloride	4.0	U	20.0	22.6		ug/L		113	57 - 130
Styrene	0.98	U	20.0	20.8		ug/L		104	68 - 131
Tetrachloroethene	0.50	U	20.0	21.7		ug/L		108	50 - 143
Toluene	0.51	U	20.0	22.6		ug/L		113	70 - 131
trans-1,2-Dichloroethene	0.44	U	20.0	22.9		ug/L		115	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	21.3		ug/L		106	67 - 130
trans-1,4-Dichloro-2-butene	2.5	U	40.0	37.2		ug/L		93	70 - 130
Trichloroethene	0.50	U	20.0	22.5		ug/L		113	63 - 139
Trichlorofluoromethane	2.5	U	20.0	25.1		ug/L		126	62 - 146
Vinyl acetate	1.5	U	20.0	22.3		ug/L		111	31 - 146
Vinyl chloride	0.50	U	20.0	22.3		ug/L		111	48 - 147

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: 660-52843-C-3 DU

Matrix: Water

Analysis Batch: 134791

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,1-Trichloroethane	0.46	U	0.46	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.15	U	0.15	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,1-Dichloroethene	0.45	U	0.45	U	ug/L		NC	30
1,2,3-Trichloropropane	0.18	U	0.18	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
1,2-Dichlorobenzene	0.44	U	0.44	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,4-Dichlorobenzene	0.52	U	0.52	U	ug/L		NC	30
2-Butanone	8.4	U	8.4	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Acetone	9.9	U	9.9	U	ug/L		NC	30
Acrylonitrile	1.2	U	1.2	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromochloromethane	0.58	U	0.58	U	ug/L		NC	30
Bromodichloromethane	0.35	U	0.35	U	ug/L		NC	30
Bromoform	0.58	U	0.58	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-52843-C-3 DU

Matrix: Water

Analysis Batch: 134791

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.42	U	0.42	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
Dibromochloromethane	0.34	U	0.34	U	ug/L		NC	30
Dibromomethane	0.41	U	0.41	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Iodomethane	2.5	U	2.5	U	ug/L		NC	30
Methyl isobutyl ketone (MIBK)	3.8	U	3.8	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.51	U	0.51	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.44	U	0.44	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
trans-1,4-Dichloro-2-butene	2.5	U	2.5	U	ug/L		NC	30
Trichloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichlorofluoromethane	2.5	U	2.5	U	ug/L		NC	30
Vinyl acetate	1.5	U	1.5	U	ug/L		NC	30
Vinyl chloride	0.50	U	0.50	U	ug/L		NC	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8 (Surr)	102		70 - 130

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

Lab Sample ID: MB 640-99677/3-A

Matrix: Water

Analysis Batch: 99755

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99677

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0058	U	0.019	0.0058	ug/L		02/26/13 09:56	02/26/13 13:41	1
Ethylene Dibromide	0.0061	U	0.019	0.0061	ug/L		02/26/13 09:56	02/26/13 13:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	87		56 - 144	02/26/13 09:56	02/26/13 13:41	1

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

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

Lab Sample ID: LCS 640-99677/4-A

Matrix: Water

Analysis Batch: 99755

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99677

			Spike	LCS	LCS					%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
1,2-Dibromo-3-Chloropropane			0.236	0.214		ug/L		91	89 - 132		
Ethylene Dibromide			0.236	0.203		ug/L		86	85 - 118		
	</										

Lab Sample ID: LCSD 640-99677/5-A

Matrix: Water

Analysis Batch: 99755

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99677

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,2-Dibromo-3-Chloropropane			0.236	0.217		ug/L		92	89 - 132	1	11
Ethylene Dibromide			0.236	0.210		ug/L		89	85 - 118	3	12
		LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits								
1,1,1,2-Tetrachloroethane	91		56 - 144								

Lab Sample ID: 640-42380-J-1-A MS

Matrix: Water

Analysis Batch: 99755

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 99677

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
1,2-Dibromo-3-Chloropropane	0.0057	U	0.473	0.455		ug/L		96	89 - 132		
Ethylene Dibromide	0.0061	U	0.473	0.426		ug/L		90	85 - 118		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1,1,1,2-Tetrachloroethane	85		56 - 144								

Lab Sample ID: 640-42380-J-1-B MSD

Matrix: Water

Analysis Batch: 99755

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 99677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0057	U	0.473	0.425		ug/L		90	89 - 132	7	11
Ethylene Dibromide	0.0061	U	0.473	0.407		ug/L		86	85 - 118	5	12
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
1,1,1,2-Tetrachloroethane	90		56 - 144								

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 680-267417/1-A

Matrix: Water

Analysis Batch: 268368

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		02/26/13 07:49	02/26/13 15:17	1

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-267417/1-A

Matrix: Water

Analysis Batch: 268368

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.25	U	0.50	0.25	ug/L		02/26/13 07:49	02/26/13 15:17	1

Lab Sample ID: MB 680-267417/1-A

Matrix: Water

Analysis Batch: 267614

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	U	2.5	1.3	ug/L		02/26/13 07:49	02/26/13 20:27	1
Barium	1.3	U	5.0	1.3	ug/L		02/26/13 07:49	02/26/13 20:27	1
Cadmium	0.095	U	0.50	0.095	ug/L		02/26/13 07:49	02/26/13 20:27	1
Chromium	2.5	U	5.0	2.5	ug/L		02/26/13 07:49	02/26/13 20:27	1
Cobalt	0.15	U	0.50	0.15	ug/L		02/26/13 07:49	02/26/13 20:27	1
Copper	1.1	U	5.0	1.1	ug/L		02/26/13 07:49	02/26/13 20:27	1
Iron	33	U	100	33	ug/L		02/26/13 07:49	02/26/13 20:27	1
Lead	0.20	U	1.5	0.20	ug/L		02/26/13 07:49	02/26/13 20:27	1
Nickel	2.0	U	5.0	2.0	ug/L		02/26/13 07:49	02/26/13 20:27	1
Selenium	1.0	U	2.5	1.0	ug/L		02/26/13 07:49	02/26/13 20:27	1
Silver	0.25	U	1.0	0.25	ug/L		02/26/13 07:49	02/26/13 20:27	1
Sodium	0.25	U	0.50	0.25	mg/L		02/26/13 07:49	02/26/13 20:27	1
Thallium	0.50	U	1.0	0.50	ug/L		02/26/13 07:49	02/26/13 20:27	1
Vanadium	3.8	U	10	3.8	ug/L		02/26/13 07:49	02/26/13 20:27	1
Zinc	8.3	U	20	8.3	ug/L		02/26/13 07:49	02/26/13 20:27	1

Lab Sample ID: LCS 680-267417/2-A

Matrix: Water

Analysis Batch: 268368

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	53.6		ug/L		107	75 - 125
Beryllium	50.0	50.3		ug/L		101	75 - 125

Lab Sample ID: LCS 680-267417/2-A

Matrix: Water

Analysis Batch: 267614

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	104		ug/L		104	75 - 125
Barium	100	100		ug/L		100	75 - 125
Cadmium	50.0	49.9		ug/L		100	75 - 125
Chromium	100	93.3		ug/L		93	75 - 125
Cobalt	50.0	46.9		ug/L		94	75 - 125
Copper	100	93.9		ug/L		94	75 - 125
Iron	5000	5490		ug/L		110	75 - 125
Lead	50.0	43.8		ug/L		88	75 - 125
Nickel	100	92.7		ug/L		93	75 - 125
Selenium	100	111		ug/L		111	75 - 125
Silver	50.0	48.8		ug/L		98	75 - 125
Sodium	5.00	5.32		mg/L		106	75 - 125
Thallium	40.0	38.9		ug/L		97	75 - 125

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-267417/2-A

Matrix: Water

Analysis Batch: 267614

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	100	92.3		ug/L		92	75 - 125
Zinc	100	111		ug/L		111	75 - 125

Lab Sample ID: 660-52783-1 MS

Matrix: Water

Analysis Batch: 268368

Client Sample ID: MW-6

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.3	U	50.0	52.4		ug/L		105	75 - 125
Beryllium	0.40	I	50.0	49.6		ug/L		98	75 - 125

Lab Sample ID: 660-52783-1 MS

Matrix: Water

Analysis Batch: 267614

Client Sample ID: MW-6

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.8	I	100	102		ug/L		101	75 - 125
Barium	72		100	168		ug/L		97	75 - 125
Cadmium	0.27	I	50.0	50.0		ug/L		99	75 - 125
Chromium	2.5	U	100	91.8		ug/L		92	75 - 125
Cobalt	1.7		50.0	47.5		ug/L		92	75 - 125
Copper	5.8		100	116		ug/L		110	75 - 125
Iron	1800		5000	6690		ug/L		98	75 - 125
Lead	1.2	I	50.0	46.1		ug/L		90	75 - 125
Nickel	16		100	107		ug/L		91	75 - 125
Selenium	1.0	I	100	103		ug/L		102	75 - 125
Silver	0.68	I	50.0	48.6		ug/L		96	75 - 125
Sodium	120	J3	5.00	126		mg/L		86	75 - 125
Thallium	0.60	I	40.0	39.2		ug/L		97	75 - 125
Vanadium	3.8	U	100	91.1		ug/L		91	75 - 125
Zinc	8.3	U	100	114		ug/L		114	75 - 125

Lab Sample ID: 660-52783-1 MSD

Matrix: Water

Analysis Batch: 268368

Client Sample ID: MW-6

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	2.3	U	50.0	55.4		ug/L		111	75 - 125	6	20
Beryllium	0.40	I	50.0	52.2		ug/L		104	75 - 125	5	20

Lab Sample ID: 660-52783-1 MSD

Matrix: Water

Analysis Batch: 267614

Client Sample ID: MW-6

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.8	I	100	102		ug/L		100	75 - 125	0	20
Barium	72		100	165		ug/L		94	75 - 125	2	20
Cadmium	0.27	I	50.0	49.9		ug/L		99	75 - 125	0	20
Chromium	2.5	U	100	91.9		ug/L		92	75 - 125	0	20

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 660-52783-1 MSD

Matrix: Water

Analysis Batch: 267614

Client Sample ID: MW-6

Prep Type: Total Recoverable

Prep Batch: 267417

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	1.7		50.0	46.8		ug/L		90	75 - 125	2	20
Copper	5.8		100	97.5		ug/L		92	75 - 125	17	20
Iron	1800		5000	6860		ug/L		102	75 - 125	3	20
Lead	1.2	I	50.0	45.2		ug/L		88	75 - 125	2	20
Nickel	16		100	107		ug/L		91	75 - 125	0	20
Selenium	1.0	I	100	103		ug/L		102	75 - 125	1	20
Silver	0.68	I	50.0	47.6		ug/L		94	75 - 125	2	20
Sodium	120	J3	5.00	131	J3	mg/L		190	75 - 125	4	20
Thallium	0.60	I	40.0	38.4		ug/L		94	75 - 125	2	20
Vanadium	3.8	U	100	91.2		ug/L		91	75 - 125	0	20
Zinc	8.3	U	100	113		ug/L		113	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-267091/1-A

Matrix: Water

Analysis Batch: 267505

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 267091

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		02/22/13 10:09	02/26/13 12:50	1

Lab Sample ID: LCS 680-267091/2-A

Matrix: Water

Analysis Batch: 267505

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 267091

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.53		ug/L		101	80 - 120

Lab Sample ID: 660-52811-C-1-D MS

Matrix: Water

Analysis Batch: 267505

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 267091

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.091	U	1.00	0.988		ug/L		99	80 - 120

Lab Sample ID: 660-52811-C-1-E MSD

Matrix: Water

Analysis Batch: 267505

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 267091

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.091	U	1.00	0.981		ug/L		98	80 - 120	1	20

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-267644/2

Matrix: Water

Analysis Batch: 267644

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	1.0	0.20	mg/L			02/26/13 15:01	1

Lab Sample ID: LCS 680-267644/3

Matrix: Water

Analysis Batch: 267644

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.97		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-267644/4

Matrix: Water

Analysis Batch: 267644

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.97		mg/L		100	90 - 110	0	30

Lab Sample ID: 680-87512-B-1 MS

Matrix: Water

Analysis Batch: 267644

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7.1		10.0	17.2		mg/L		101	90 - 110

Lab Sample ID: 680-87512-B-1 MSD

Matrix: Water

Analysis Batch: 267644

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7.1		10.0	17.0		mg/L		99	90 - 110	1	30

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-267205/15

Matrix: Water

Analysis Batch: 267205

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.026	U	0.050	0.026	mg/L			02/22/13 17:56	1

Lab Sample ID: LCS 680-267205/1

Matrix: Water

Analysis Batch: 267205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.00	1.08		mg/L		108	90 - 110

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 660-52783-1 MS

Matrix: Water

Analysis Batch: 267205

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1.9		1.00	2.87		mg/L		92	90 - 110

Lab Sample ID: 660-52783-1 MSD

Matrix: Water

Analysis Batch: 267205

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	1.9		1.00	2.85		mg/L		90	90 - 110	1	30

Lab Sample ID: 640-42348-B-2 DU

Matrix: Water

Analysis Batch: 267205

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia	0.11		0.110		mg/L		0.06	30

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 660-134759/5

Matrix: Water

Analysis Batch: 134759

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.10	U	0.50	0.10	mg/L			02/22/13 07:44	1

Lab Sample ID: LCS 660-134759/6

Matrix: Water

Analysis Batch: 134759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	1.00	0.954		mg/L		95	90 - 110
Nitrite as N	0.500	0.495	I	mg/L		99	90 - 110

Lab Sample ID: 660-52810-U-1 MS

Matrix: Water

Analysis Batch: 134759

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.10	U	1.00	0.950		mg/L		95	90 - 110
Nitrite as N	0.10	U	0.500	0.520		mg/L		104	90 - 110

Lab Sample ID: 660-52810-U-1 MSD

Matrix: Water

Analysis Batch: 134759

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.10	U	1.00	0.949		mg/L		95	90 - 110	0	30
Nitrite as N	0.10	U	0.500	0.524		mg/L		105	90 - 110	1	30

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 660-134802/1

Matrix: Water

Analysis Batch: 134802

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L	-		02/25/13 10:20	1

Lab Sample ID: LCS 660-134802/2

Matrix: Water

Analysis Batch: 134802

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	10000		mg/L	-	100	80 - 120

Lab Sample ID: 660-52771-A-1 DU

Matrix: Water

Analysis Batch: 134802

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	680		780		mg/L	-	14	20

Method: Fecal Coliform (MF) - SM 9222D Fecal Coliform by MF

Lab Sample ID: 3B20024-BLK1

Matrix: Water

Analysis Batch: 3B20024

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3B20024_P

Analyte	Blank Result	Blank Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	Absent		1	1	CFU/100 ml	-	02/20/13 13:18	02/21/13 13:18	1

Lab Sample ID: 3B20024-DUP1

Matrix: Water

Analysis Batch: 3B20024

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 3B20024_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Coliform, Fecal	ND		1	U	CFU/100 ml	-		25

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

GC/MS VOA

Analysis Batch: 134791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52783-1	MW-6	Total/NA	Water	8260B	
660-52843-B-6 MS	Matrix Spike	Total/NA	Water	8260B	
660-52843-C-3 DU	Duplicate	Total/NA	Water	8260B	
LCS 660-134791/5	Lab Control Sample	Total/NA	Water	8260B	
MB 660-134791/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 267422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52783-1	MW-6	Total/NA	Water	524.2	
LCS 680-267422/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-267422/4	Lab Control Sample Dup	Total/NA	Water	524.2	
MB 680-267422/6	Method Blank	Total/NA	Water	524.2	

GC Semi VOA

Prep Batch: 99677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42380-J-1-A MS	Matrix Spike	Total/NA	Water	8011	
640-42380-J-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8011	
660-52783-1	MW-6	Total/NA	Water	8011	
LCS 640-99677/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 640-99677/5-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 640-99677/3-A	Method Blank	Total/NA	Water	8011	

Analysis Batch: 99755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42380-J-1-A MS	Matrix Spike	Total/NA	Water	8011	99677
640-42380-J-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8011	99677
660-52783-1	MW-6	Total/NA	Water	8011	99677
LCS 640-99677/4-A	Lab Control Sample	Total/NA	Water	8011	99677
LCSD 640-99677/5-A	Lab Control Sample Dup	Total/NA	Water	8011	99677
MB 640-99677/3-A	Method Blank	Total/NA	Water	8011	99677

Metals

Prep Batch: 267091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52783-1	MW-6	Total/NA	Water	7470A	
660-52811-C-1-D MS	Matrix Spike	Total/NA	Water	7470A	
660-52811-C-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
LCS 680-267091/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-267091/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 267417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52783-1	MW-6	Total Recoverable	Water	3005A	
660-52783-1 MS	MW-6	Total Recoverable	Water	3005A	
660-52783-1 MSD	MW-6	Total Recoverable	Water	3005A	
LCS 680-267417/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-267417/1-A	Method Blank	Total Recoverable	Water	3005A	

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Metals (Continued)

Analysis Batch: 267505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52783-1	MW-6	Total/NA	Water	7470A	267091
660-52811-C-1-D MS	Matrix Spike	Total/NA	Water	7470A	267091
660-52811-C-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	267091
LCS 680-267091/2-A	Lab Control Sample	Total/NA	Water	7470A	267091
MB 680-267091/1-A	Method Blank	Total/NA	Water	7470A	267091

Analysis Batch: 267614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52783-1	MW-6	Total Recoverable	Water	6020	267417
660-52783-1 MS	MW-6	Total Recoverable	Water	6020	267417
660-52783-1 MSD	MW-6	Total Recoverable	Water	6020	267417
LCS 680-267417/2-A	Lab Control Sample	Total Recoverable	Water	6020	267417
MB 680-267417/1-A	Method Blank	Total Recoverable	Water	6020	267417

Analysis Batch: 268368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52783-1	MW-6	Total Recoverable	Water	6020	267417
660-52783-1 MS	MW-6	Total Recoverable	Water	6020	267417
660-52783-1 MSD	MW-6	Total Recoverable	Water	6020	267417
LCS 680-267417/2-A	Lab Control Sample	Total Recoverable	Water	6020	267417
MB 680-267417/1-A	Method Blank	Total Recoverable	Water	6020	267417

General Chemistry

Analysis Batch: 134759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52783-1	MW-6	Total/NA	Water	353.2	
660-52810-U-1 MS	Matrix Spike	Total/NA	Water	353.2	
660-52810-U-1 MSD	Matrix Spike Duplicate	Total/NA	Water	353.2	
LCS 660-134759/6	Lab Control Sample	Total/NA	Water	353.2	
MB 660-134759/5	Method Blank	Total/NA	Water	353.2	

Analysis Batch: 134802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52771-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	
660-52783-1	MW-6	Total/NA	Water	SM 2540C	
LCS 660-134802/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-134802/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 267205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42348-B-2 DU	Duplicate	Total/NA	Water	350.1	
660-52783-1	MW-6	Total/NA	Water	350.1	
660-52783-1 MS	MW-6	Total/NA	Water	350.1	
660-52783-1 MSD	MW-6	Total/NA	Water	350.1	
LCS 680-267205/1	Lab Control Sample	Total/NA	Water	350.1	
MB 680-267205/15	Method Blank	Total/NA	Water	350.1	

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

General Chemistry (Continued)

Analysis Batch: 267644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52783-1	MW-6	Total/NA	Water	300.0	
680-87512-B-1 MS	Matrix Spike	Total/NA	Water	300.0	
680-87512-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
LCS 680-267644/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-267644/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-267644/2	Method Blank	Total/NA	Water	300.0	

Field Service / Mobile Lab

Analysis Batch: 134812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52783-1	MW-6	Total/NA	Water	Field Sampling	

Subcontract

Analysis Batch: 3B20024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
3B20024-BLK1	Method Blank	Total/NA	Water	Fecal Coliform (MF)	3B20024_P
3B20024-DUP1	Duplicate	Total/NA	Water	Fecal Coliform (MF)	3B20024_P
660-52783-1	MW-6	Total/NA	Water	Fecal Coliform (MF)	3B20024_P

Prep Batch: 3B20024_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
3B20024-BLK1	Method Blank	Total/NA	Water	NO PREP	
3B20024-DUP1	Duplicate	Total/NA	Water	NO PREP	
660-52783-1	MW-6	Total/NA	Water	NO PREP	

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Client Sample ID: MW-6

Date Collected: 02/20/13 11:38

Date Received: 02/20/13 13:31

Lab Sample ID: 660-52783-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	134791	02/24/13 01:32	EC	TAL TAM
Total/NA	Analysis	524.2		1	267422	02/25/13 13:58	AGM	TAL SAV
Total/NA	Prep	8011			99677	02/26/13 09:56	AMR	TAL TAL
Total/NA	Analysis	8011		1	99755	02/26/13 15:16	RD	TAL TAL
Total/NA	Prep	7470A			267091	02/22/13 10:09	UU	TAL SAV
Total/NA	Analysis	7470A		1	267505	02/26/13 13:37	BCB	TAL SAV
Total Recoverable	Prep	3005A			267417	02/26/13 07:49	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	267614	02/26/13 20:41	BR	TAL SAV
Total Recoverable	Analysis	6020		1	268368	02/26/13 15:25	CE	TAL SAV
Total/NA	Analysis	353.2		10	134759	02/22/13 07:44	RWF	TAL TAM
Total/NA	Analysis	SM 2540C		1	134802	02/25/13 10:20	TO	TAL TAM
Total/NA	Analysis	350.1		2	267205	02/22/13 18:35	RW	TAL SAV
Total/NA	Analysis	300.0		10	267644	02/26/13 16:46	PAT	TAL SAV
Total/NA	Analysis	Field Sampling		1	134812	02/20/13 11:38		TAL TAM
Total/NA	Prep	NO PREP		1	3B20024_P	02/20/13 15:12		ENCO
Total/NA	Analysis	Fecal Coliform (MF)		1	3B20024	02/21/13 15:12	M1N	ENCO

Laboratory References:

ENCO = ENCO-Orlando, 10775 Central Port Drive, Orlando, FL 32824, TEL (407)826-5314

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Method	Method Description	Protocol	Laboratory
524.2	Total Trihalomethane Calculation	EPA-DW	TAL SAV
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	TAL TAL
6020	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
350.1	Nitrogen, Ammonia	MCAWW	TAL SAV
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL TAM
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM
Field Sampling	Field Sampling	EPA	TAL TAM
Fecal Coliform (MF)	SM 9222D Fecal Coliform by MF	NONE	ENCO

Protocol References:

EPA = US Environmental Protection Agency

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

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

NONE = NONE

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.

Laboratory References:

ENCO = ENCO-Orlando, 10775 Central Port Drive, Orlando, FL 32824, TEL (407)826-5314

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Laboratory: TestAmerica Tampa

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40610	06-30-13
Florida	NELAP	4	E84282	06-30-13
Georgia	State Program	4	905	06-30-13
USDA	Federal		P330-11-00177	04-20-14

Laboratory: TestAmerica Savannah

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

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		0399-01	03-31-13
A2LA	ISO/IEC 17025		399.01	03-31-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
California	NELAP	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-13
Connecticut	State Program	1	PH-0161	03-31-13
Florida	NELAP	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-13
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Guam	State Program	9	09-005r	04-17-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAP	5	200022	11-30-12
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13
Kentucky	State Program	4	90084	12-31-12
Kentucky (UST)	State Program	4	18	03-31-13
Louisiana	NELAP	6	30690	06-30-13
Louisiana	NELAP	6	LA100015	12-31-13
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-13
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	01-01-14
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13
New Jersey	NELAP	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAP	2	10842	04-01-13
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAP	3	68-00474	06-30-13
Puerto Rico	State Program	2	GA00006	01-01-14
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-13
Washington	State Program	10	C1794	06-10-13
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	06-30-13

TestAmerica Tampa

Certification Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill (MW-6)

TestAmerica Job ID: 660-52783-1

Laboratory: TestAmerica Savannah (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999819810	08-31-13
Wyoming	State Program	8	8TMS-Q	06-30-13

Laboratory: TestAmerica Tallahassee

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-13
Louisiana	NELAP	6	30663	06-30-13
New Jersey	NELAP	2	FL012	06-30-13
Texas	NELAP	6	T104704459-11-2	03-31-13
USDA	Federal		P330-08-00158	08-05-14

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945



www.encolabs.com

Wednesday, February 27, 2013

Test America - Tampa (TE022)

Attn: Jess Hornsby

6712 Benjamin Road, Suite 100

Tampa, FL 33634

RE: Laboratory Results for

Project Number: 660-52783-01, Project Name/Desc: Test America

ENCO Workorder(s): A301020

Dear Jess Hornsby,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, February 20, 2013.

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

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

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

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

Sincerely,

A handwritten signature in black ink that reads "David M. Camacho". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

David Camacho

Project Manager

Enclosure(s)



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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-6 (660-52783-01) Lab ID: A301020-01 Sampled: 02/20/13 11:38 Received: 02/20/13 13:55

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
SM 9222D-1997	02/20/13	17:38	02/21/13	15:12	02/20/13 15:12
					2/21/2013 15:12

SAMPLE DETECTION SUMMARY

No positive results detected.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16



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ANALYTICAL RESULTS

Description: MW-6 (660-52783-01)

Lab Sample ID: A301020-01

Received: 02/20/13 13:55

Matrix: Water

Sampled: 02/20/13 11:38

Work Order: A301020

Project: Test America

Sampled By:

Microbiological Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Coliform, Fecal [ECL-0038]^	<1	U	CFU/100 ml	1	1	1	3B20024	SM 9222D-1997	02/21/13 15:12	M1N	

QUALITY CONTROL DATA

Microbiological Parameters - Quality Control

Batch 3B20024 - NO PREP

Blank (3B20024-BLK1)

Prepared: 02/20/2013 13:18 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-------

Coliform, Fecal Absent U 1 CFU/100 ml

Duplicate (3B20024-DUP1)

Prepared: 02/20/2013 13:18 Analy

Source: A301019-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-------

Coliform, Fecal <1 U 1 CFU/100 ml 1 U 25

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.



Phone (813) 885-7427 Fax (813) 885-7049

THE LEADER IN ENVIRONMENTAL TESTING

Other:	Preservation Cogens:
L-Eth	M-Hexam
J-Di-Water	N-None
K-EDTA	O-Ashin2
L-EDA	P-Nick245
	Q-Nick203
	R-Nick2503
	S-HSDA
	T-TSP Diethylenhydrate
	U-Acetic
	V-MCA
	W-pH-4.5
	Z-Other (specify)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Chain of Custody Record

TestAmerica

2014年12月10日

Client Information		Sample: <u>Shawn Victory</u>		Lab PM: <u>Hornby, Jess</u>		Carrier Tracking No(s):	
Client Contact: <u>Mr. Aamod Sonawane</u>		Phone: <u>407-399-3348</u>		E-Mail: <u>jess.hornby@testamericainc.com</u>		Page: <u>660-45783-12680.1</u>	
Company: <u>CDM Smith, Inc.</u>		Address: <u>1715 North Westshore Blvd. Suite 875</u>		Due Date Requested:		Page 1 of 1	
City: <u>Tampa</u>		State, Zip: <u>FL 33607</u>		TAT Requested (days):		Job #:	
Phone: <u>713 33607</u>		PO #: <u>7138-94426-GROUNDWATER</u>		Purchase Order Requested		Preservation Codes:	
Email: <u>sonawane@cdmsmith.com</u>		WO #: <u>7138-94426-GROUNDWATER</u>		Project #: <u>66003335</u>		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Ammonia H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecylsulfate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Site: <u>Florida</u>		SSOW#:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	
Sample Identification		Sample Date		Sample Type		Matrix	
<u>MW-6</u>		<u>2-20-13 1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>2-20-13</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Type		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	
<u>5</u>		<u>1138</u>		<u>5</u>		<u>Water</u>	
Sample Date		Sample Time		Preservation Code		Field Filtered Sample (Yes or No)	

PAGE: 1 of 1

PURGING DATA

SAMPLING DATA

3/6/2013

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 660-52783-1

Login Number: 52783

List Source: TestAmerica Tampa

List Number: 1

Creator: Williams, Jennifer

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 660-52783-1

Login Number: 52783

List Source: TestAmerica Savannah

List Number: 1

List Creation: 02/22/13 08:33 AM

Creator: Barnett, Eddie T

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	9 containers listed on the ICOC - - 7 were received
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	