

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

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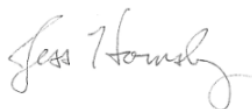
TestAmerica Job ID: 660-52271-1

Client Project/Site: Citrus County Landfill

For:

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

Attn: Mr. Aamod Sonawane



Authorized for release by:
2/6/2013 1:58:17 PM

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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

TestAmerica Job ID: 660-52271-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-52271-1	Field Blank	Water	01/22/13 08:50	01/22/13 16:23
660-52271-2	MW-3	Ground Water	01/22/13 10:30	01/22/13 16:23
660-52271-3	MW-7	Ground Water	01/22/13 11:58	01/22/13 16:23
660-52271-4	MW-20	Ground Water	01/22/13 13:10	01/22/13 16:23
660-52271-5	MW-21	Ground Water	01/22/13 16:00	01/22/13 16:23
660-52271-6	Trip Blank 01/22/13	Water	01/22/13 00:00	01/22/13 16:23
660-52297-1	MW-17	Ground Water	01/23/13 08:40	01/23/13 17:20
660-52297-2	MW-14	Ground Water	01/23/13 10:03	01/23/13 17:20
660-52297-3	MW-13	Ground Water	01/23/13 11:12	01/23/13 17:20
660-52297-4	MW-12	Ground Water	01/23/13 13:44	01/23/13 17:20
660-52297-5	MW-11	Ground Water	01/23/13 14:36	01/23/13 17:20
660-52323-1	MW-10	Ground Water	01/24/13 10:54	01/25/13 09:00
660-52323-2	MW-15	Ground Water	01/24/13 11:48	01/25/13 09:00
660-52323-3	Trip Blank 01/24/13	Water	01/24/13 00:00	01/25/13 09:00
660-52330-1	MW-18	Ground Water	01/24/13 09:20	01/25/13 09:00
660-52330-2	MW-19	Ground Water	01/23/13 16:50	01/25/13 09:00

Definitions/Glossary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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.
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.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
L	Off-scale high. Actual value is known to be greater than the value given.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Metals

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.

General Chemistry

Qualifier	Qualifier Description
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.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
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

TestAmerica Job ID: 660-52271-1

Job ID: 660-52271-1

Laboratory: TestAmerica Tampa

Narrative

Receipt

The samples were received on 1/22/2013 4:23 PM, 1/23/2013 5:20 PM and 1/25/2013 9:00 AM; the samples arrived in good condition, properly preserved and on ice. The temperatures of the four coolers at receipt time were 2.5°C, 3.3°C, 3.3°C and 4.2°C.

GC/MS VOA

Method 8260B: The continuing calibration verification (CCV) and laboratory control sample (LCS) for Dichlorodifluoromethane associated with batch 133743 recovered above the upper control limit. The affected analyte was not detected in the samples associated with this CCV; therefore, the data have been reported.

Method 8260B: The matrix spike (MS) recovery for batch 133743 was outside control limits for 2-Butanone, 4-Methyl-2-pentanone, Acetone, Dichlorodifluoromethane, and Methyl tert-butyl ether. The associated laboratory control sample (LCS) recovery met acceptance criteria for all analytes except Dichlorodifluoromethane.

Method 8260B: The matrix spike (MS) recoveries for batch 133905 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The matrix duplicate precision (%RPD) for vinyl chloride associated with batch 133949 was outside the control limits.

No other analytical or quality issues were noted.

GC Semi VOA

Method 8011: This method incorporates the use of second column confirmation. Corrective action for unacceptable percent recovery is not taken for surrogate or spike compounds unless the results from both columns are outside criteria. Any results which fall outside criteria are qualified and reported.

Method 8011: Surrogate recovery for the following sample(s) was outside the upper control limit: MW-21 (660-52271-5), MW-7 (660-52271-3). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8011: Due to column 1 detector malfunction this column is used for confirmation purposes only. All data reported from second column.

Method 8011: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 263944 were outside control limits. 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.

Field Service / Mobile Lab

No analytical or quality issues were noted.

General Chemistry

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 264718 were 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 265191 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 353.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Nitrite in batch 133756 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Detection Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: Field Blank

Lab Sample ID: 660-52271-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Sodium	1.6		0.50	0.25	mg/L	1			6020	Total Recoverable

Client Sample ID: MW-3

Lab Sample ID: 660-52271-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	17		5.0	1.3	ug/L	1			6020	Total Recoverable
Cadmium	0.27	I	0.50	0.095	ug/L	1			6020	Total Recoverable
Cobalt	0.43	I	0.50	0.15	ug/L	1			6020	Total Recoverable
Copper	34		5.0	1.1	ug/L	1			6020	Total Recoverable
Lead	3.9		1.5	0.20	ug/L	1			6020	Total Recoverable
Nickel	7.2		5.0	2.0	ug/L	1			6020	Total Recoverable
Silver	0.46	I	1.0	0.25	ug/L	1			6020	Total Recoverable
Sodium	6.8		0.50	0.25	mg/L	1			6020	Total Recoverable
Zinc	50		20	8.3	ug/L	1			6020	Total Recoverable
Chloride	9.5		1.0	0.20	mg/L	1			300.0	Total/NA
Nitrate as N	3.1		2.0	0.40	mg/L	4			353.2	Total/NA
Total Dissolved Solids	42		5.0	5.0	mg/L	1			SM 2540C	Total/NA
Color	Clear				Color Units	1			Field Sampling	Total/NA
Field pH	5.19				SU	1			Field Sampling	Total/NA
Field Temperature	20.2				Degrees C	1			Field Sampling	Total/NA
Oxygen, Dissolved	5.01				mg/L	1			Field Sampling	Total/NA
Specific Conductance	53				umhos/cm	1			Field Sampling	Total/NA
Turbidity	0.60				NTU	1			Field Sampling	Total/NA
Water Level	112.22				ft	1			Field Sampling	Total/NA
Sheen	No				SU	1			Field Sampling	Total/NA

Client Sample ID: MW-7

Lab Sample ID: 660-52271-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	0.97	I	1.0	0.50	ug/L	1			8260B	Total/NA
Ethylbenzene	5.9		1.0	0.44	ug/L	1			8260B	Total/NA
Vinyl chloride	0.90	I	1.0	0.50	ug/L	1			8260B	Total/NA
Xylenes, Total	1.4	I	3.0	0.50	ug/L	1			8260B	Total/NA
Arsenic	9.1		2.5	1.3	ug/L	1			6020	Total Recoverable
Barium	16		5.0	1.3	ug/L	1			6020	Total Recoverable
Cobalt	0.84		0.50	0.15	ug/L	1			6020	Total Recoverable
Iron	1400		100	33	ug/L	1			6020	Total Recoverable
Lead	0.39	I	1.5	0.20	ug/L	1			6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Tampa

Detection Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-7 (Continued)

Lab Sample ID: 660-52271-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Nickel	5.8		5.0	2.0	ug/L		1		6020	Total Recoverable
Sodium	10		0.50	0.25	mg/L		1		6020	Total Recoverable
Zinc	25		20	8.3	ug/L		1		6020	Total Recoverable
Chloride	4.9		1.0	0.20	mg/L		1		300.0	Total/NA
Ammonia	0.042	I	0.050	0.026	mg/L		1		350.1	Total/NA
Total Dissolved Solids	54		5.0	5.0	mg/L		1		SM 2540C	Total/NA
Color	Clear				Color Units		1		Field Sampling	Total/NA
Field pH	5.29				SU		1		Field Sampling	Total/NA
Field Temperature	23.5				Degrees C		1		Field Sampling	Total/NA
Oxygen, Dissolved	0.19				mg/L		1		Field Sampling	Total/NA
Specific Conductance	85				umhos/cm		1		Field Sampling	Total/NA
Turbidity	1.28				NTU		1		Field Sampling	Total/NA
Water Level	120.41				ft		1		Field Sampling	Total/NA
Sheen	No				SU		1		Field Sampling	Total/NA

Client Sample ID: MW-20

Lab Sample ID: 660-52271-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	7.9		2.5	1.3	ug/L		1		6020	Total Recoverable
Barium	32		5.0	1.3	ug/L		1		6020	Total Recoverable
Cobalt	3.8		0.50	0.15	ug/L		1		6020	Total Recoverable
Iron	85000		100	33	ug/L		1		6020	Total Recoverable
Lead	0.34	I	1.5	0.20	ug/L		1		6020	Total Recoverable
Sodium	12		0.50	0.25	mg/L		1		6020	Total Recoverable
Chloride	33		1.0	0.20	mg/L		1		300.0	Total/NA
Ammonia	0.66		0.050	0.026	mg/L		1		350.1	Total/NA
Total Dissolved Solids	280		10	10	mg/L		1		SM 2540C	Total/NA
Color	Clear				Color Units		1		Field Sampling	Total/NA
Field pH	6.15				SU		1		Field Sampling	Total/NA
Field Temperature	23.9				Degrees C		1		Field Sampling	Total/NA
Oxygen, Dissolved	0.15				mg/L		1		Field Sampling	Total/NA
Specific Conductance	523				umhos/cm		1		Field Sampling	Total/NA
Turbidity	4.18				NTU		1		Field Sampling	Total/NA
Water Level	112.12				ft		1		Field Sampling	Total/NA
Sheen	No				SU		1		Field Sampling	Total/NA

Client Sample ID: MW-21

Lab Sample ID: 660-52271-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.58	I	1.0	0.52	ug/L		1		8260B	Total/NA
1,4-Dichlorobenzene	15		1.0	0.52	ug/L		1		8260B	Total/NA
Acetone	17	I	20	9.9	ug/L		1		8260B	Total/NA
Benzene	2.5		1.0	0.50	ug/L		1		8260B	Total/NA
Chlorobenzene	2.0		1.0	0.63	ug/L		1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Tampa

Detection Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-21 (Continued)

Lab Sample ID: 660-52271-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.6		1.0	0.65	ug/L	1		8260B	Total/NA
Ethylbenzene	2.2		1.0	0.44	ug/L	1		8260B	Total/NA
Vinyl chloride	2.3		1.0	0.50	ug/L	1		8260B	Total/NA
Arsenic	3.0		2.5	1.3	ug/L	1		6020	Total Recoverable
Barium	27		5.0	1.3	ug/L	1		6020	Total Recoverable
Chromium	3.7	I	5.0	2.5	ug/L	1		6020	Total Recoverable
Cobalt	0.54		0.50	0.15	ug/L	1		6020	Total Recoverable
Iron	1200		100	33	ug/L	1		6020	Total Recoverable
Lead	1.4	I	1.5	0.20	ug/L	1		6020	Total Recoverable
Nickel	3.1	I	5.0	2.0	ug/L	1		6020	Total Recoverable
Silver	0.28	I	1.0	0.25	ug/L	1		6020	Total Recoverable
Sodium	2.0		0.50	0.25	mg/L	1		6020	Total Recoverable
Arsenic	2.9		2.5	1.3	ug/L	1		6020	Dissolved
Cobalt	0.49	I	0.50	0.15	ug/L	1		6020	Dissolved
Iron	820		100	33	ug/L	1		6020	Dissolved
Nickel	2.4	I	5.0	2.0	ug/L	1		6020	Dissolved
Sodium	2.0		0.50	0.25	mg/L	1		6020	Dissolved
Chloride	4.8		1.0	0.20	mg/L	1		300.0	Total/NA
Ammonia	1.6		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	28		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Color	Cloudy				Color Units	1		Field Sampling	Total/NA
Field pH	4.74				SU	1		Field Sampling	Total/NA
Field Temperature	23.0				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.32				mg/L	1		Field Sampling	Total/NA
Specific Conductance	62				umhos/cm	1		Field Sampling	Total/NA
Turbidity	21.8				NTU	1		Field Sampling	Total/NA
Water Level	108.22				ft	1		Field Sampling	Total/NA
Sheen	No				SU	1		Field Sampling	Total/NA

Client Sample ID: Trip Blank 01/22/13

Lab Sample ID: 660-52271-6

No Detections

Client Sample ID: MW-17

Lab Sample ID: 660-52297-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.65	I	1.0	0.52	ug/L	1		8260B	Total/NA
Arsenic	4.0		2.5	1.3	ug/L	1		6020	Total Recoverable
Barium	7.5		5.0	1.3	ug/L	1		6020	Total Recoverable
Cobalt	5.9		0.50	0.15	ug/L	1		6020	Total Recoverable
Iron	7700		100	33	ug/L	1		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Tampa

Detection Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-17 (Continued)

Lab Sample ID: 660-52297-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Sodium	2.5		0.50	0.25	mg/L	1			6020	Total Recoverable
Chloride	4.5		1.0	0.20	mg/L	1			300.0	Total/NA
Ammonia	0.23		0.050	0.026	mg/L	1			350.1	Total/NA
Total Dissolved Solids	16		5.0	5.0	mg/L	1			SM 2540C	Total/NA
Color	Clear				Color Units	1			Field Sampling	Total/NA
Field pH	4.95				SU	1			Field Sampling	Total/NA
Field Temperature	22.8				Degrees C	1			Field Sampling	Total/NA
Oxygen, Dissolved	0.45				mg/L	1			Field Sampling	Total/NA
Specific Conductance	61				umhos/cm	1			Field Sampling	Total/NA
Turbidity	2.99				NTU	1			Field Sampling	Total/NA
Water Level	104.80				ft	1			Field Sampling	Total/NA
Sheen	No				SU	1			Field Sampling	Total/NA

Client Sample ID: MW-14

Lab Sample ID: 660-52297-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	14		5.0	1.3	ug/L	1			6020	Total Recoverable
Cadmium	0.87		0.50	0.095	ug/L	1			6020	Total Recoverable
Cobalt	1.4		0.50	0.15	ug/L	1			6020	Total Recoverable
Iron	420		100	33	ug/L	1			6020	Total Recoverable
Nickel	2.4	I	5.0	2.0	ug/L	1			6020	Total Recoverable
Sodium	3.0		0.50	0.25	mg/L	1			6020	Total Recoverable
Mercury	0.58		0.20	0.091	ug/L	1			7470A	Total/NA
Chloride	3.6		1.0	0.20	mg/L	1			300.0	Total/NA
Ammonia	0.032	I	0.050	0.026	mg/L	1			350.1	Total/NA
Total Dissolved Solids	260		10	10	mg/L	1			SM 2540C	Total/NA
Color	Clear				Color Units	1			Field Sampling	Total/NA
Field pH	6.65				SU	1			Field Sampling	Total/NA
Field Temperature	21.6				Degrees C	1			Field Sampling	Total/NA
Oxygen, Dissolved	0.42				mg/L	1			Field Sampling	Total/NA
Specific Conductance	467				umhos/cm	1			Field Sampling	Total/NA
Turbidity	4.18				NTU	1			Field Sampling	Total/NA
Water Level	102.69				ft	1			Field Sampling	Total/NA
Sheen	No				SU	1			Field Sampling	Total/NA

Client Sample ID: MW-13

Lab Sample ID: 660-52297-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.57	I	1.0	0.52	ug/L	1			8260B	Total/NA
1,4-Dichlorobenzene	2.8		1.0	0.52	ug/L	1			8260B	Total/NA
cis-1,2-Dichloroethene	2.0		1.0	0.65	ug/L	1			8260B	Total/NA
Vinyl chloride	0.89	I	1.0	0.50	ug/L	1			8260B	Total/NA
Arsenic	3.6		2.5	1.3	ug/L	1			6020	Total Recoverable
Barium	5.4		5.0	1.3	ug/L	1			6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Tampa

Detection Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-13 (Continued)

Lab Sample ID: 660-52297-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.1		0.50	0.15	ug/L	1		6020	Total Recoverable
Iron	2700		100	33	ug/L	1		6020	Total Recoverable
Nickel	3.3	I	5.0	2.0	ug/L	1		6020	Total Recoverable
Sodium	3.0		0.50	0.25	mg/L	1		6020	Total Recoverable
Chloride	5.8		1.0	0.20	mg/L	1		300.0	Total/NA
Ammonia	0.029	I	0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	16		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Color	Clear				Color Units	1		Field Sampling	Total/NA
Field pH	5.03				SU	1		Field Sampling	Total/NA
Field Temperature	23.1				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.47				mg/L	1		Field Sampling	Total/NA
Specific Conductance	70				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.53				NTU	1		Field Sampling	Total/NA
Water Level	105.78				ft	1		Field Sampling	Total/NA
Sheen	No				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-12

Lab Sample ID: 660-52297-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.82	I	1.0	0.52	ug/L	1		8260B	Total/NA
Arsenic	2.2	I	2.5	1.3	ug/L	1		6020	Total Recoverable
Barium	16		5.0	1.3	ug/L	1		6020	Total Recoverable
Cobalt	0.54		0.50	0.15	ug/L	1		6020	Total Recoverable
Iron	2700		100	33	ug/L	1		6020	Total Recoverable
Sodium	2.8		0.50	0.25	mg/L	1		6020	Total Recoverable
Chloride	4.9		1.0	0.20	mg/L	1		300.0	Total/NA
Ammonia	0.16		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	240		10	10	mg/L	1		SM 2540C	Total/NA
Color	Clear				Color Units	1		Field Sampling	Total/NA
Field pH	6.76				SU	1		Field Sampling	Total/NA
Field Temperature	23.5				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.21				mg/L	1		Field Sampling	Total/NA
Specific Conductance	456				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.33				NTU	1		Field Sampling	Total/NA
Water Level	97.50				ft	1		Field Sampling	Total/NA
Sheen	No				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-11

Lab Sample ID: 660-52297-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	18		5.0	1.3	ug/L	1		6020	Total Recoverable
Sodium	3.3		0.50	0.25	mg/L	1		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Tampa

Detection Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-11 (Continued)

Lab Sample ID: 660-52297-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.89	I	1.0	0.50	ug/L	1		6020	Total Recoverable
Chloride	5.8		1.0	0.20	mg/L	1		300.0	Total/NA
Nitrate as N	0.46	I	0.50	0.10	mg/L	1		353.2	Total/NA
Total Dissolved Solids	220		10	10	mg/L	1		SM 2540C	Total/NA
Color	Clear				Color Units	1		Field Sampling	Total/NA
Field pH	6.79				SU	1		Field Sampling	Total/NA
Field Temperature	23.2				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.27				mg/L	1		Field Sampling	Total/NA
Specific Conductance	406				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.41				NTU	1		Field Sampling	Total/NA
Water Level	98.85				ft	1		Field Sampling	Total/NA
Sheen	No				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-10

Lab Sample ID: 660-52323-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dichlorobenzene	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
Benzene	1.6		1.0	0.50	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	5.2		1.0	0.65	ug/L	1		8260B	Total/NA
Vinyl chloride	1.7		1.0	0.50	ug/L	1		8260B	Total/NA
Xylenes, Total	5.4		3.0	0.50	ug/L	1		8260B	Total/NA
Arsenic	1.6	I	2.5	1.3	ug/L	1		6020	Total Recoverable
Barium	84		5.0	1.3	ug/L	1		6020	Total Recoverable
Cadmium	0.19	I	0.50	0.095	ug/L	1		6020	Total Recoverable
Chromium	7.9		5.0	2.5	ug/L	1		6020	Total Recoverable
Cobalt	0.50		0.50	0.15	ug/L	1		6020	Total Recoverable
Iron	3700		100	33	ug/L	1		6020	Total Recoverable
Lead	3.0		1.5	0.20	ug/L	1		6020	Total Recoverable
Nickel	4.2	I	5.0	2.0	ug/L	1		6020	Total Recoverable
Sodium	5.2		0.50	0.25	mg/L	1		6020	Total Recoverable
Barium	2.8	I	5.0	1.3	ug/L	1		6020	Dissolved
Cobalt	0.47	I	0.50	0.15	ug/L	1		6020	Dissolved
Iron	3000		100	33	ug/L	1		6020	Dissolved
Sodium	4.9		0.50	0.25	mg/L	1		6020	Dissolved
Zinc	9.0	I	20	8.3	ug/L	1		6020	Dissolved
Chloride	6.7		1.0	0.20	mg/L	1		300.0	Total/NA
Total Dissolved Solids	12		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Color	Cloudy				Color Units	1		Field Sampling	Total/NA
Field pH	4.36				SU	1		Field Sampling	Total/NA
Field Temperature	22.6				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.62				mg/L	1		Field Sampling	Total/NA
Specific Conductance	44				umhos/cm	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Tampa

Detection Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-10 (Continued)

Lab Sample ID: 660-52323-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Turbidity	31.2				NTU	1		Field Sampling	Total/NA
Water Level	105.88				ft	1		Field Sampling	Total/NA
Sheen	No				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 660-52323-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2		1.0	0.65	ug/L	1		8260B	Total/NA
Trichloroethene	0.68	I	1.0	0.50	ug/L	1		8260B	Total/NA
Arsenic	3.7		2.5	1.3	ug/L	1		6020	Total Recoverable
Barium	5.0		5.0	1.3	ug/L	1		6020	Total Recoverable
Cadmium	0.24	I	0.50	0.095	ug/L	1		6020	Total Recoverable
Cobalt	0.38	I	0.50	0.15	ug/L	1		6020	Total Recoverable
Iron	9000		100	33	ug/L	1		6020	Total Recoverable
Nickel	3.3	I	5.0	2.0	ug/L	1		6020	Total Recoverable
Sodium	1.6		0.50	0.25	mg/L	1		6020	Total Recoverable
Chloride	3.0		1.0	0.20	mg/L	1		300.0	Total/NA
Ammonia	0.10		0.050	0.026	mg/L	1		350.1	Total/NA
Total Dissolved Solids	36		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Color	Clear				Color Units	1		Field Sampling	Total/NA
Field pH	4.69				SU	1		Field Sampling	Total/NA
Field Temperature	22.1				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.39				mg/L	1		Field Sampling	Total/NA
Specific Conductance	48				umhos/cm	1		Field Sampling	Total/NA
Turbidity	1.47				NTU	1		Field Sampling	Total/NA
Water Level	117.10				ft	1		Field Sampling	Total/NA
Sheen	No				SU	1		Field Sampling	Total/NA

Client Sample ID: Trip Blank 01/24/13

Lab Sample ID: 660-52323-3

No Detections

Client Sample ID: MW-18

Lab Sample ID: 660-52330-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Color	Cloudy				Color Units	1		Field Sampling	Total/NA
Field pH	4.79				SU	1		Field Sampling	Total/NA
Field Temperature	20.3				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	1.57				mg/L	1		Field Sampling	Total/NA
Sheen	No				SU	1		Field Sampling	Total/NA
Specific Conductance	49				umhos/cm	1		Field Sampling	Total/NA
Turbidity	47.2				NTU	1		Field Sampling	Total/NA
Water Level	108.20				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-19

Lab Sample ID: 660-52330-2

This Detection Summary does not include radiochemical test results.

TestAmerica Tampa

Detection Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-19 (Continued)

Lab Sample ID: 660-52330-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.61	I	1.0	0.50	ug/L	1		8260B	Total/NA
Color	Clear				Color Units	1		Field Sampling	Total/NA
Field pH	5.69				SU	1		Field Sampling	Total/NA
Field Temperature	23.0				Degrees C	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.55				mg/L	1		Field Sampling	Total/NA
Sheen	No				SU	1		Field Sampling	Total/NA
Specific Conductance	71				umhos/cm	1		Field Sampling	Total/NA
Turbidity	3.45				NTU	1		Field Sampling	Total/NA
Water Level	105.96				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

TestAmerica Job ID: 660-52271-1

Client Sample ID: Field Blank

Lab Sample ID: 660-52271-1

Date Collected: 01/22/13 08:50

Matrix: Water

Date Received: 01/22/13 16:23

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			01/23/13 17:28	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/23/13 17:28	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/23/13 17:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/23/13 17:28	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/23/13 17:28	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/23/13 17:28	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/23/13 17:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/23/13 17:28	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/23/13 17:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/23/13 17:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/23/13 17:28	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/23/13 17:28	1
2-Butanone	8.4	U	10	8.4	ug/L			01/23/13 17:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/23/13 17:28	1
Acetone	9.9	U	20	9.9	ug/L			01/23/13 17:28	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/23/13 17:28	1
Benzene	0.50	U	1.0	0.50	ug/L			01/23/13 17:28	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/23/13 17:28	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/23/13 17:28	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/23/13 17:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/23/13 17:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/23/13 17:28	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/23/13 17:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/23/13 17:28	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/23/13 17:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/23/13 17:28	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/23/13 17:28	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/23/13 17:28	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 17:28	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/23/13 17:28	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/23/13 17:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/23/13 17:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/23/13 17:28	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/23/13 17:28	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/23/13 17:28	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/23/13 17:28	1
Styrene	0.98	U	2.0	0.98	ug/L			01/23/13 17:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 17:28	1
Toluene	0.51	U	1.0	0.51	ug/L			01/23/13 17:28	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/23/13 17:28	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 17:28	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/23/13 17:28	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 17:28	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/23/13 17:28	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/23/13 17:28	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/23/13 17:28	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/23/13 17:28	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: Field Blank

Lab Sample ID: 660-52271-1

Date Collected: 01/22/13 08:50

Matrix: Water

Date Received: 01/22/13 16:23

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		70 - 130		01/23/13 17:28	1
Dibromofluoromethane	112		70 - 130		01/23/13 17:28	1
Toluene-d8 (Surr)	105		70 - 130		01/23/13 17:28	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0021	U	0.019	0.0021	ug/L		01/24/13 18:02	01/24/13 23:16	1
1,2-Dibromo-3-Chloropropane	0.0049	U	0.019	0.0049	ug/L		01/24/13 18:02	01/24/13 23:16	1
1,2,3-Trichloropropane	0.088	U	0.19	0.088	ug/L		01/24/13 18:02	01/24/13 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	124		60 - 144	01/24/13 18:02	01/24/13 23:16	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		01/30/13 15:34	01/31/13 18:44	1
Arsenic	1.3	U	2.5	1.3	ug/L		01/30/13 15:34	01/31/13 18:44	1
Barium	1.3	U	5.0	1.3	ug/L		01/30/13 15:34	01/31/13 18:44	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/30/13 15:34	01/31/13 18:44	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/30/13 15:34	01/31/13 18:44	1
Chromium	2.5	U	5.0	2.5	ug/L		01/30/13 15:34	01/31/13 18:44	1
Cobalt	0.15	U	0.50	0.15	ug/L		01/30/13 15:34	01/31/13 18:44	1
Copper	1.1	U	5.0	1.1	ug/L		01/30/13 15:34	01/31/13 18:44	1
Iron	33	U	100	33	ug/L		01/30/13 15:34	01/31/13 18:44	1
Lead	0.20	U	1.5	0.20	ug/L		01/30/13 15:34	01/31/13 18:44	1
Nickel	2.0	U	5.0	2.0	ug/L		01/30/13 15:34	01/31/13 18:44	1
Selenium	1.0	U	2.5	1.0	ug/L		01/30/13 15:34	01/31/13 18:44	1
Silver	0.25	U	1.0	0.25	ug/L		01/30/13 15:34	01/31/13 18:44	1
Sodium	1.6		0.50	0.25	mg/L		01/30/13 15:34	01/31/13 18:44	1
Thallium	0.50	U	1.0	0.50	ug/L		01/30/13 15:34	01/31/13 18:44	1
Vanadium	3.8	U	10	3.8	ug/L		01/30/13 15:34	01/31/13 18:44	1
Zinc	8.3	U	20	8.3	ug/L		01/30/13 15:34	01/31/13 18:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/25/13 13:25	01/25/13 18:01	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	1.0	0.20	mg/L			01/24/13 19:49	1
Ammonia	0.026	U	0.050	0.026	mg/L			01/31/13 15:03	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			01/23/13 19:57	1
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			01/29/13 13:14	1

Client Sample ID: MW-3

Lab Sample ID: 660-52271-2

Date Collected: 01/22/13 10:30

Matrix: Ground Water

Date Received: 01/22/13 16:23

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			01/23/13 17:50	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-3

Lab Sample ID: 660-52271-2

Date Collected: 01/22/13 10:30

Matrix: Ground Water

Date Received: 01/22/13 16:23

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/23/13 17:50	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/23/13 17:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/23/13 17:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/23/13 17:50	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/23/13 17:50	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/23/13 17:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/23/13 17:50	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/23/13 17:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/23/13 17:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/23/13 17:50	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/23/13 17:50	1
2-Butanone	8.4	U	10	8.4	ug/L			01/23/13 17:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/23/13 17:50	1
Acetone	9.9	U	20	9.9	ug/L			01/23/13 17:50	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/23/13 17:50	1
Benzene	0.50	U	1.0	0.50	ug/L			01/23/13 17:50	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/23/13 17:50	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/23/13 17:50	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/23/13 17:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/23/13 17:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/23/13 17:50	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/23/13 17:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/23/13 17:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/23/13 17:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/23/13 17:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/23/13 17:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/23/13 17:50	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 17:50	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/23/13 17:50	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/23/13 17:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/23/13 17:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/23/13 17:50	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/23/13 17:50	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/23/13 17:50	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/23/13 17:50	1
Styrene	0.98	U	2.0	0.98	ug/L			01/23/13 17:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 17:50	1
Toluene	0.51	U	1.0	0.51	ug/L			01/23/13 17:50	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/23/13 17:50	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 17:50	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/23/13 17:50	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 17:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/23/13 17:50	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/23/13 17:50	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/23/13 17:50	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/23/13 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	118		70 - 130		01/23/13 17:50	1
Dibromofluoromethane	105		70 - 130		01/23/13 17:50	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-3

Date Collected: 01/22/13 10:30

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-2

Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		70 - 130		01/23/13 17:50	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0021	U	0.019	0.0021	ug/L		01/24/13 18:02	01/24/13 23:24	1
1,2-Dibromo-3-Chloropropane	0.0048	U	0.019	0.0048	ug/L		01/24/13 18:02	01/24/13 23:24	1
1,2,3-Trichloropropane	0.087	U	0.19	0.087	ug/L		01/24/13 18:02	01/24/13 23:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	116		60 - 144	01/24/13 18:02	01/24/13 23:24	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		01/30/13 15:34	01/31/13 18:51	1
Arsenic	1.3	U	2.5	1.3	ug/L		01/30/13 15:34	01/31/13 18:51	1
Barium	17		5.0	1.3	ug/L		01/30/13 15:34	01/31/13 18:51	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/30/13 15:34	01/31/13 18:51	1
Cadmium	0.27	I	0.50	0.095	ug/L		01/30/13 15:34	01/31/13 18:51	1
Chromium	2.5	U	5.0	2.5	ug/L		01/30/13 15:34	01/31/13 18:51	1
Cobalt	0.43	I	0.50	0.15	ug/L		01/30/13 15:34	01/31/13 18:51	1
Copper	34		5.0	1.1	ug/L		01/30/13 15:34	01/31/13 18:51	1
Iron	33	U	100	33	ug/L		01/30/13 15:34	01/31/13 18:51	1
Lead	3.9		1.5	0.20	ug/L		01/30/13 15:34	01/31/13 18:51	1
Nickel	7.2		5.0	2.0	ug/L		01/30/13 15:34	01/31/13 18:51	1
Selenium	1.0	U	2.5	1.0	ug/L		01/30/13 15:34	01/31/13 18:51	1
Silver	0.46	I	1.0	0.25	ug/L		01/30/13 15:34	01/31/13 18:51	1
Sodium	6.8		0.50	0.25	mg/L		01/30/13 15:34	01/31/13 18:51	1
Thallium	0.50	U	1.0	0.50	ug/L		01/30/13 15:34	01/31/13 18:51	1
Vanadium	3.8	U	10	3.8	ug/L		01/30/13 15:34	01/31/13 18:51	1
Zinc	50		20	8.3	ug/L		01/30/13 15:34	01/31/13 18:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/25/13 13:25	01/25/13 18:03	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.5		1.0	0.20	mg/L			01/24/13 20:13	1
Ammonia	0.026	U	0.050	0.026	mg/L			01/31/13 15:03	1
Nitrate as N	3.1		2.0	0.40	mg/L			01/23/13 19:57	4
Total Dissolved Solids	42		5.0	5.0	mg/L			01/29/13 13:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			01/22/13 10:30	1
Field pH	5.19				SU			01/22/13 10:30	1
Field Temperature	20.2				Degrees C			01/22/13 10:30	1
Oxygen, Dissolved	5.01				mg/L			01/22/13 10:30	1
Specific Conductance	53				umhos/cm			01/22/13 10:30	1
Turbidity	0.60				NTU			01/22/13 10:30	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-3

Date Collected: 01/22/13 10:30

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-2

Matrix: Ground Water

Method: Field Sampling - Field Sampling (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Water Level	112.22				ft			01/22/13 10:30	1
Sheen	No				SU			01/22/13 10:30	1

Client Sample ID: MW-7

Date Collected: 01/22/13 11:58

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-3

Matrix: Ground Water

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			01/23/13 18:12	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/23/13 18:12	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/23/13 18:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/23/13 18:12	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/23/13 18:12	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/23/13 18:12	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/23/13 18:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/23/13 18:12	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/23/13 18:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/23/13 18:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/23/13 18:12	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/23/13 18:12	1
2-Butanone	8.4	U	10	8.4	ug/L			01/23/13 18:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/23/13 18:12	1
Acetone	9.9	U	20	9.9	ug/L			01/23/13 18:12	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/23/13 18:12	1
Benzene	0.97	I	1.0	0.50	ug/L			01/23/13 18:12	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/23/13 18:12	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/23/13 18:12	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/23/13 18:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/23/13 18:12	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/23/13 18:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/23/13 18:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/23/13 18:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/23/13 18:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/23/13 18:12	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 18:12	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/23/13 18:12	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/23/13 18:12	1
Ethylbenzene	5.9		1.0	0.44	ug/L			01/23/13 18:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/23/13 18:12	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:12	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/23/13 18:12	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/23/13 18:12	1
Styrene	0.98	U	2.0	0.98	ug/L			01/23/13 18:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 18:12	1
Toluene	0.51	U	1.0	0.51	ug/L			01/23/13 18:12	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/23/13 18:12	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 18:12	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-7

Lab Sample ID: 660-52271-3

Date Collected: 01/22/13 11:58

Matrix: Ground Water

Date Received: 01/22/13 16:23

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/23/13 18:12	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 18:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:12	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/23/13 18:12	1
Vinyl chloride	0.90	I	1.0	0.50	ug/L			01/23/13 18:12	1
Xylenes, Total	1.4	I	3.0	0.50	ug/L			01/23/13 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	112		70 - 130		01/23/13 18:12	1
Dibromofluoromethane	104		70 - 130		01/23/13 18:12	1
Toluene-d8 (Surr)	103		70 - 130		01/23/13 18:12	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		01/24/13 18:02	01/24/13 23:33	1
1,2-Dibromo-3-Chloropropane	0.0049	U	0.020	0.0049	ug/L		01/24/13 18:02	01/24/13 23:33	1
1,2,3-Trichloropropane	0.088	U	0.20	0.088	ug/L		01/24/13 18:02	01/24/13 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	125		60 - 144	01/24/13 18:02	01/24/13 23:33	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		01/30/13 15:34	01/31/13 18:59	1
Arsenic	9.1		2.5	1.3	ug/L		01/30/13 15:34	01/31/13 18:59	1
Barium	16		5.0	1.3	ug/L		01/30/13 15:34	01/31/13 18:59	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/30/13 15:34	01/31/13 18:59	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/30/13 15:34	01/31/13 18:59	1
Chromium	2.5	U	5.0	2.5	ug/L		01/30/13 15:34	01/31/13 18:59	1
Cobalt	0.84		0.50	0.15	ug/L		01/30/13 15:34	01/31/13 18:59	1
Copper	1.1	U	5.0	1.1	ug/L		01/30/13 15:34	01/31/13 18:59	1
Iron	1400		100	33	ug/L		01/30/13 15:34	01/31/13 18:59	1
Lead	0.39	I	1.5	0.20	ug/L		01/30/13 15:34	01/31/13 18:59	1
Nickel	5.8		5.0	2.0	ug/L		01/30/13 15:34	01/31/13 18:59	1
Selenium	1.0	U	2.5	1.0	ug/L		01/30/13 15:34	01/31/13 18:59	1
Silver	0.25	U	1.0	0.25	ug/L		01/30/13 15:34	01/31/13 18:59	1
Sodium	10		0.50	0.25	mg/L		01/30/13 15:34	01/31/13 18:59	1
Thallium	0.50	U	1.0	0.50	ug/L		01/30/13 15:34	01/31/13 18:59	1
Vanadium	3.8	U	10	3.8	ug/L		01/30/13 15:34	01/31/13 18:59	1
Zinc	25		20	8.3	ug/L		01/30/13 15:34	01/31/13 18:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/25/13 13:25	01/25/13 18:06	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.9		1.0	0.20	mg/L			01/24/13 20:26	1
Ammonia	0.042	I	0.050	0.026	mg/L			01/31/13 15:03	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			01/23/13 19:57	1
Total Dissolved Solids	54		5.0	5.0	mg/L			01/29/13 13:14	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-7

Date Collected: 01/22/13 11:58

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-3

Matrix: Ground Water

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			01/22/13 11:58	1
Field pH	5.29				SU			01/22/13 11:58	1
Field Temperature	23.5				Degrees C			01/22/13 11:58	1
Oxygen, Dissolved	0.19				mg/L			01/22/13 11:58	1
Specific Conductance	85				umhos/cm			01/22/13 11:58	1
Turbidity	1.28				NTU			01/22/13 11:58	1
Water Level	120.41				ft			01/22/13 11:58	1
Sheen	No				SU			01/22/13 11:58	1

Client Sample ID: MW-20

Date Collected: 01/22/13 13:10

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-4

Matrix: Ground Water

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			01/23/13 18:35	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/23/13 18:35	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/23/13 18:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/23/13 18:35	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/23/13 18:35	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/23/13 18:35	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/23/13 18:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/23/13 18:35	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/23/13 18:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/23/13 18:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/23/13 18:35	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/23/13 18:35	1
2-Butanone	8.4	U	10	8.4	ug/L			01/23/13 18:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/23/13 18:35	1
Acetone	9.9	U	20	9.9	ug/L			01/23/13 18:35	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/23/13 18:35	1
Benzene	0.50	U	1.0	0.50	ug/L			01/23/13 18:35	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/23/13 18:35	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/23/13 18:35	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/23/13 18:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/23/13 18:35	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/23/13 18:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/23/13 18:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/23/13 18:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/23/13 18:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/23/13 18:35	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 18:35	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/23/13 18:35	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/23/13 18:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/23/13 18:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/23/13 18:35	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:35	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/23/13 18:35	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-20

Date Collected: 01/22/13 13:10

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-4

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/23/13 18:35	1
Styrene	0.98	U	2.0	0.98	ug/L			01/23/13 18:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 18:35	1
Toluene	0.51	U	1.0	0.51	ug/L			01/23/13 18:35	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/23/13 18:35	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 18:35	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/23/13 18:35	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 18:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:35	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/23/13 18:35	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/23/13 18:35	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/23/13 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		70 - 130		01/23/13 18:35	1
Dibromofluoromethane	114		70 - 130		01/23/13 18:35	1
Toluene-d8 (Surr)	104		70 - 130		01/23/13 18:35	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0021	U	0.019	0.0021	ug/L		01/24/13 18:02	01/24/13 23:41	1
1,2-Dibromo-3-Chloropropane	0.0048	U	0.019	0.0048	ug/L		01/24/13 18:02	01/24/13 23:41	1
1,2,3-Trichloropropane	0.086	U	0.19	0.086	ug/L		01/24/13 18:02	01/24/13 23:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	123		60 - 144	01/24/13 18:02	01/24/13 23:41	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		01/30/13 15:34	01/31/13 19:06	1
Arsenic	7.9		2.5	1.3	ug/L		01/30/13 15:34	01/31/13 19:06	1
Barium	32		5.0	1.3	ug/L		01/30/13 15:34	01/31/13 19:06	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/30/13 15:34	01/31/13 19:06	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/30/13 15:34	01/31/13 19:06	1
Chromium	2.5	U	5.0	2.5	ug/L		01/30/13 15:34	01/31/13 19:06	1
Cobalt	3.8		0.50	0.15	ug/L		01/30/13 15:34	01/31/13 19:06	1
Copper	1.1	U	5.0	1.1	ug/L		01/30/13 15:34	01/31/13 19:06	1
Iron	85000		100	33	ug/L		01/30/13 15:34	01/31/13 19:06	1
Lead	0.34	I	1.5	0.20	ug/L		01/30/13 15:34	01/31/13 19:06	1
Nickel	2.0	U	5.0	2.0	ug/L		01/30/13 15:34	01/31/13 19:06	1
Selenium	1.0	U	2.5	1.0	ug/L		01/30/13 15:34	01/31/13 19:06	1
Silver	0.25	U	1.0	0.25	ug/L		01/30/13 15:34	01/31/13 19:06	1
Sodium	12		0.50	0.25	mg/L		01/30/13 15:34	01/31/13 19:06	1
Thallium	0.50	U	1.0	0.50	ug/L		01/30/13 15:34	01/31/13 19:06	1
Vanadium	3.8	U	10	3.8	ug/L		01/30/13 15:34	01/31/13 19:06	1
Zinc	8.3	U	20	8.3	ug/L		01/30/13 15:34	01/31/13 19:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/25/13 13:25	01/25/13 18:08	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-20

Date Collected: 01/22/13 13:10

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-4

Matrix: Ground Water

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33		1.0	0.20	mg/L			01/24/13 20:38	1
Ammonia	0.66		0.050	0.026	mg/L			02/05/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			01/23/13 19:57	1
Total Dissolved Solids	280		10	10	mg/L			01/28/13 13:09	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			01/22/13 13:10	1
Field pH	6.15				SU			01/22/13 13:10	1
Field Temperature	23.9				Degrees C			01/22/13 13:10	1
Oxygen, Dissolved	0.15				mg/L			01/22/13 13:10	1
Specific Conductance	523				umhos/cm			01/22/13 13:10	1
Turbidity	4.18				NTU			01/22/13 13:10	1
Water Level	112.12				ft			01/22/13 13:10	1
Sheen	No				SU			01/22/13 13:10	1

Client Sample ID: MW-21

Date Collected: 01/22/13 16:00

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-5

Matrix: Ground Water

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			01/23/13 18:57	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/23/13 18:57	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/23/13 18:57	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/23/13 18:57	1
1,1-Dichloroethane	0.58	I	1.0	0.52	ug/L			01/23/13 18:57	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/23/13 18:57	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/23/13 18:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/23/13 18:57	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/23/13 18:57	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/23/13 18:57	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/23/13 18:57	1
1,4-Dichlorobenzene	15		1.0	0.52	ug/L			01/23/13 18:57	1
2-Butanone	8.4	U	10	8.4	ug/L			01/23/13 18:57	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/23/13 18:57	1
Acetone	17	I	20	9.9	ug/L			01/23/13 18:57	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/23/13 18:57	1
Benzene	2.5		1.0	0.50	ug/L			01/23/13 18:57	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/23/13 18:57	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/23/13 18:57	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/23/13 18:57	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:57	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/23/13 18:57	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/23/13 18:57	1
Chlorobenzene	2.0		1.0	0.63	ug/L			01/23/13 18:57	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:57	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/23/13 18:57	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/23/13 18:57	1
cis-1,2-Dichloroethene	2.6		1.0	0.65	ug/L			01/23/13 18:57	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-21

Date Collected: 01/22/13 16:00

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 18:57	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/23/13 18:57	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/23/13 18:57	1
Ethylbenzene	2.2		1.0	0.44	ug/L			01/23/13 18:57	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/23/13 18:57	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:57	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/23/13 18:57	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/23/13 18:57	1
Styrene	0.98	U	2.0	0.98	ug/L			01/23/13 18:57	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 18:57	1
Toluene	0.51	U	1.0	0.51	ug/L			01/23/13 18:57	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/23/13 18:57	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 18:57	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/23/13 18:57	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 18:57	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/23/13 18:57	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/23/13 18:57	1
Vinyl chloride	2.3		1.0	0.50	ug/L			01/23/13 18:57	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/23/13 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		70 - 130		01/23/13 18:57	1
Dibromofluoromethane	110		70 - 130		01/23/13 18:57	1
Toluene-d8 (Surr)	102		70 - 130		01/23/13 18:57	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0021	U	0.019	0.0021	ug/L		01/24/13 18:02	01/24/13 23:49	1
1,2-Dibromo-3-Chloropropane	0.0048	U	0.019	0.0048	ug/L		01/24/13 18:02	01/24/13 23:49	1
1,2,3-Trichloropropane	0.086	U	0.19	0.086	ug/L		01/24/13 18:02	01/24/13 23:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	131		60 - 144	01/24/13 18:02	01/24/13 23:49	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		01/30/13 15:34	01/31/13 19:13	1
Arsenic	3.0		2.5	1.3	ug/L		01/30/13 15:34	01/31/13 19:13	1
Barium	27		5.0	1.3	ug/L		01/30/13 15:34	01/31/13 19:13	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/30/13 15:34	01/31/13 19:13	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/30/13 15:34	01/31/13 19:13	1
Chromium	3.7	I	5.0	2.5	ug/L		01/30/13 15:34	01/31/13 19:13	1
Cobalt	0.54		0.50	0.15	ug/L		01/30/13 15:34	01/31/13 19:13	1
Copper	1.1	U	5.0	1.1	ug/L		01/30/13 15:34	01/31/13 19:13	1
Iron	1200		100	33	ug/L		01/30/13 15:34	01/31/13 19:13	1
Lead	1.4	I	1.5	0.20	ug/L		01/30/13 15:34	01/31/13 19:13	1
Nickel	3.1	I	5.0	2.0	ug/L		01/30/13 15:34	01/31/13 19:13	1
Selenium	1.0	U	2.5	1.0	ug/L		01/30/13 15:34	01/31/13 19:13	1
Silver	0.28	I	1.0	0.25	ug/L		01/30/13 15:34	01/31/13 19:13	1
Sodium	2.0		0.50	0.25	mg/L		01/30/13 15:34	01/31/13 19:13	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-21

Date Collected: 01/22/13 16:00

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.50	U	1.0	0.50	ug/L		01/30/13 15:34	01/31/13 19:13	1
Vanadium	3.8	U	10	3.8	ug/L		01/30/13 15:34	01/31/13 19:13	1
Zinc	8.3	U	20	8.3	ug/L		01/30/13 15:34	01/31/13 19:13	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		01/30/13 15:34	01/31/13 19:21	1
Arsenic	2.9		2.5	1.3	ug/L		01/30/13 15:34	01/31/13 19:21	1
Barium	1.3	U	5.0	1.3	ug/L		01/30/13 15:34	01/31/13 19:21	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/30/13 15:34	01/31/13 19:21	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/30/13 15:34	01/31/13 19:21	1
Chromium	2.5	U	5.0	2.5	ug/L		01/30/13 15:34	01/31/13 19:21	1
Cobalt	0.49	I	0.50	0.15	ug/L		01/30/13 15:34	01/31/13 19:21	1
Copper	1.1	U	5.0	1.1	ug/L		01/30/13 15:34	01/31/13 19:21	1
Iron	820		100	33	ug/L		01/30/13 15:34	01/31/13 19:21	1
Lead	0.20	U	1.5	0.20	ug/L		01/30/13 15:34	01/31/13 19:21	1
Nickel	2.4	I	5.0	2.0	ug/L		01/30/13 15:34	01/31/13 19:21	1
Selenium	1.0	U	2.5	1.0	ug/L		01/30/13 15:34	01/31/13 19:21	1
Silver	0.25	U	1.0	0.25	ug/L		01/30/13 15:34	01/31/13 19:21	1
Sodium	2.0		0.50	0.25	mg/L		01/30/13 15:34	01/31/13 19:21	1
Thallium	0.50	U	1.0	0.50	ug/L		01/30/13 15:34	01/31/13 19:21	1
Vanadium	3.8	U	10	3.8	ug/L		01/30/13 15:34	01/31/13 19:21	1
Zinc	8.3	U	20	8.3	ug/L		01/30/13 15:34	01/31/13 19:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/25/13 13:25	01/25/13 18:15	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/25/13 13:25	01/25/13 18:18	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.8		1.0	0.20	mg/L			01/24/13 20:51	1
Ammonia	1.6		0.050	0.026	mg/L			02/05/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			01/23/13 19:57	1
Total Dissolved Solids	28		5.0	5.0	mg/L			01/29/13 13:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Cloudy				Color Units			01/22/13 16:00	1
Field pH	4.74				SU			01/22/13 16:00	1
Field Temperature	23.0				Degrees C			01/22/13 16:00	1
Oxygen, Dissolved	0.32				mg/L			01/22/13 16:00	1
Specific Conductance	62				umhos/cm			01/22/13 16:00	1
Turbidity	21.8				NTU			01/22/13 16:00	1
Water Level	108.22				ft			01/22/13 16:00	1
Sheen	No				SU			01/22/13 16:00	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: Trip Blank 01/22/13

Lab Sample ID: 660-52271-6

Date Collected: 01/22/13 00:00

Matrix: Water

Date Received: 01/22/13 16:23

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			01/23/13 19:19	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/23/13 19:19	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/23/13 19:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/23/13 19:19	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/23/13 19:19	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/23/13 19:19	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/23/13 19:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/23/13 19:19	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/23/13 19:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/23/13 19:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/23/13 19:19	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/23/13 19:19	1
2-Butanone	8.4	U	10	8.4	ug/L			01/23/13 19:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/23/13 19:19	1
Acetone	9.9	U	20	9.9	ug/L			01/23/13 19:19	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/23/13 19:19	1
Benzene	0.50	U	1.0	0.50	ug/L			01/23/13 19:19	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/23/13 19:19	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/23/13 19:19	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/23/13 19:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/23/13 19:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/23/13 19:19	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/23/13 19:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/23/13 19:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/23/13 19:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/23/13 19:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/23/13 19:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/23/13 19:19	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 19:19	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/23/13 19:19	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/23/13 19:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/23/13 19:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/23/13 19:19	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/23/13 19:19	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/23/13 19:19	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/23/13 19:19	1
Styrene	0.98	U	2.0	0.98	ug/L			01/23/13 19:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 19:19	1
Toluene	0.51	U	1.0	0.51	ug/L			01/23/13 19:19	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/23/13 19:19	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 19:19	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/23/13 19:19	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 19:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/23/13 19:19	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/23/13 19:19	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/23/13 19:19	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/23/13 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		70 - 130		01/23/13 19:19	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: Trip Blank 01/22/13

Lab Sample ID: 660-52271-6

Date Collected: 01/22/13 00:00

Matrix: Water

Date Received: 01/22/13 16:23

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	114		70 - 130		01/23/13 19:19	1
Toluene-d8 (Surr)	104		70 - 130		01/23/13 19:19	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0025	U	0.023	0.0025	ug/L		01/31/13 17:03	01/31/13 23:23	1
1,2-Dibromo-3-Chloropropane	0.0056	U	0.023	0.0056	ug/L		01/31/13 17:03	01/31/13 23:23	1
1,2,3-Trichloropropane	0.10	U	0.23	0.10	ug/L		01/31/13 17:03	01/31/13 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Pentachloroethane	130		60 - 144				01/31/13 17:03	01/31/13 23:23	1
Pentachloroethane	436	L J1	60 - 144				01/31/13 17:03	01/31/13 23:23	1

Client Sample ID: MW-17

Lab Sample ID: 660-52297-1

Date Collected: 01/23/13 08:40

Matrix: Ground Water

Date Received: 01/23/13 17:20

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			01/29/13 11:21	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/29/13 11:21	1
1,1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/29/13 11:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/29/13 11:21	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/29/13 11:21	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/29/13 11:21	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/29/13 11:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/29/13 11:21	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/29/13 11:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/29/13 11:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/29/13 11:21	1
1,4-Dichlorobenzene	0.65	I	1.0	0.52	ug/L			01/29/13 11:21	1
2-Butanone	8.4	U	10	8.4	ug/L			01/29/13 11:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/29/13 11:21	1
Acetone	9.9	U	20	9.9	ug/L			01/29/13 11:21	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/29/13 11:21	1
Benzene	0.50	U	1.0	0.50	ug/L			01/29/13 11:21	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/29/13 11:21	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/29/13 11:21	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/29/13 11:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/29/13 11:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/29/13 11:21	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/29/13 11:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/29/13 11:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/29/13 11:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/29/13 11:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/29/13 11:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/29/13 11:21	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 11:21	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/29/13 11:21	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/29/13 11:21	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-17

Date Collected: 01/23/13 08:40

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-1

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/29/13 11:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/29/13 11:21	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/29/13 11:47	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/29/13 11:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/29/13 11:21	1
Styrene	0.98	U	2.0	0.98	ug/L			01/29/13 11:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 11:21	1
Toluene	0.51	U	1.0	0.51	ug/L			01/29/13 11:21	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/29/13 11:21	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 11:21	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/29/13 11:21	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 11:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/29/13 11:21	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/29/13 11:21	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/29/13 11:21	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/29/13 11:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		01/29/13 11:21	1
4-Bromofluorobenzene	103		70 - 130		01/29/13 11:47	1
Dibromofluoromethane	101		70 - 130		01/29/13 11:21	1
Dibromofluoromethane	108		70 - 130		01/29/13 11:47	1
Toluene-d8 (Surr)	101		70 - 130		01/29/13 11:21	1
Toluene-d8 (Surr)	109		70 - 130		01/29/13 11:47	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		01/31/13 17:03	01/31/13 23:57	1
1,2-Dibromo-3-Chloropropane	0.0051	U J3	0.021	0.0051	ug/L		01/31/13 17:03	01/31/13 23:57	1
1,2,3-Trichloropropane	0.092	U	0.21	0.092	ug/L		01/31/13 17:03	01/31/13 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	128		60 - 144	01/31/13 17:03	01/31/13 23:57	1
Pentachloroethane	185	J1	60 - 144	01/31/13 17:03	01/31/13 23:57	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		01/30/13 15:34	01/31/13 19:28	1
Arsenic	4.0		2.5	1.3	ug/L		01/30/13 15:34	01/31/13 19:28	1
Barium	7.5		5.0	1.3	ug/L		01/30/13 15:34	01/31/13 19:28	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/30/13 15:34	01/31/13 19:28	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/30/13 15:34	01/31/13 19:28	1
Chromium	2.5	U	5.0	2.5	ug/L		01/30/13 15:34	01/31/13 19:28	1
Cobalt	5.9		0.50	0.15	ug/L		01/30/13 15:34	01/31/13 19:28	1
Copper	1.1	U	5.0	1.1	ug/L		01/30/13 15:34	01/31/13 19:28	1
Iron	7700		100	33	ug/L		01/30/13 15:34	01/31/13 19:28	1
Lead	0.20	U	1.5	0.20	ug/L		01/30/13 15:34	01/31/13 19:28	1
Nickel	2.0	U	5.0	2.0	ug/L		01/30/13 15:34	01/31/13 19:28	1
Selenium	1.0	U	2.5	1.0	ug/L		01/30/13 15:34	01/31/13 19:28	1
Silver	0.25	U	1.0	0.25	ug/L		01/30/13 15:34	01/31/13 19:28	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-17

Date Collected: 01/23/13 08:40

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-1

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	2.5		0.50	0.25	mg/L		01/30/13 15:34	01/31/13 19:28	1
Thallium	0.50	U	1.0	0.50	ug/L		01/30/13 15:34	01/31/13 19:28	1
Vanadium	3.8	U	10	3.8	ug/L		01/30/13 15:34	01/31/13 19:28	1
Zinc	8.3	U	20	8.3	ug/L		01/30/13 15:34	01/31/13 19:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/29/13 13:23	01/30/13 13:48	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.5		1.0	0.20	mg/L			01/25/13 20:40	1
Ammonia	0.23		0.050	0.026	mg/L			02/05/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			01/23/13 19:57	1
Total Dissolved Solids	16		5.0	5.0	mg/L			01/30/13 10:34	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			01/23/13 08:40	1
Field pH	4.95				SU			01/23/13 08:40	1
Field Temperature	22.8				Degrees C			01/23/13 08:40	1
Oxygen, Dissolved	0.45				mg/L			01/23/13 08:40	1
Specific Conductance	61				umhos/cm			01/23/13 08:40	1
Turbidity	2.99				NTU			01/23/13 08:40	1
Water Level	104.80				ft			01/23/13 08:40	1
Sheen	No				SU			01/23/13 08:40	1

Client Sample ID: MW-14

Date Collected: 01/23/13 10:03

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-2

Matrix: Ground Water

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			01/29/13 11:43	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/29/13 11:43	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/29/13 11:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/29/13 11:43	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/29/13 11:43	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/29/13 11:43	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/29/13 11:43	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/29/13 11:43	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/29/13 11:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/29/13 11:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/29/13 11:43	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/29/13 11:43	1
2-Butanone	8.4	U	10	8.4	ug/L			01/29/13 11:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/29/13 11:43	1
Acetone	9.9	U	20	9.9	ug/L			01/29/13 11:43	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/29/13 11:43	1
Benzene	0.50	U	1.0	0.50	ug/L			01/29/13 11:43	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-14

Date Collected: 01/23/13 10:03

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-2

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/29/13 11:43	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/29/13 11:43	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/29/13 11:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/29/13 11:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/29/13 11:43	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/29/13 11:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/29/13 11:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/29/13 11:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/29/13 11:43	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/29/13 11:43	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/29/13 11:43	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 11:43	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/29/13 11:43	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/29/13 11:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/29/13 11:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/29/13 11:43	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:04	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/29/13 11:43	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/29/13 11:43	1
Styrene	0.98	U	2.0	0.98	ug/L			01/29/13 11:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 11:43	1
Toluene	0.51	U	1.0	0.51	ug/L			01/29/13 11:43	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/29/13 11:43	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 11:43	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/29/13 11:43	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 11:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/29/13 11:43	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/29/13 11:43	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/29/13 11:43	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/29/13 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130		01/29/13 11:43	1
4-Bromofluorobenzene	102		70 - 130		01/29/13 12:04	1
Dibromofluoromethane	99		70 - 130		01/29/13 11:43	1
Dibromofluoromethane	107		70 - 130		01/29/13 12:04	1
Toluene-d8 (Surr)	101		70 - 130		01/29/13 11:43	1
Toluene-d8 (Surr)	109		70 - 130		01/29/13 12:04	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		01/31/13 17:03	02/01/13 00:05	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		01/31/13 17:03	02/01/13 00:05	1
1,2,3-Trichloropropane	0.093	U	0.21	0.093	ug/L		01/31/13 17:03	02/01/13 00:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	124		60 - 144	01/31/13 17:03	02/01/13 00:05	1
Pentachloroethane	287	L J1	60 - 144	01/31/13 17:03	02/01/13 00:05	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-14

Date Collected: 01/23/13 10:03

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-2

Matrix: Ground Water

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		01/31/13 13:48	02/02/13 02:04	1
Arsenic	1.3	U	2.5	1.3	ug/L		01/31/13 13:48	02/02/13 02:04	1
Barium	14		5.0	1.3	ug/L		01/31/13 13:48	02/02/13 02:04	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/31/13 13:48	02/02/13 02:04	1
Cadmium	0.87		0.50	0.095	ug/L		01/31/13 13:48	02/02/13 02:04	1
Chromium	2.5	U	5.0	2.5	ug/L		01/31/13 13:48	02/02/13 02:04	1
Cobalt	1.4		0.50	0.15	ug/L		01/31/13 13:48	02/02/13 02:04	1
Copper	1.1	U	5.0	1.1	ug/L		01/31/13 13:48	02/02/13 02:04	1
Iron	420		100	33	ug/L		01/31/13 13:48	02/02/13 02:04	1
Lead	0.20	U	1.5	0.20	ug/L		01/31/13 13:48	02/02/13 02:04	1
Nickel	2.4	I	5.0	2.0	ug/L		01/31/13 13:48	02/02/13 02:04	1
Selenium	1.0	U	2.5	1.0	ug/L		01/31/13 13:48	02/02/13 02:04	1
Silver	0.25	U	1.0	0.25	ug/L		01/31/13 13:48	02/02/13 02:04	1
Sodium	3.0		0.50	0.25	mg/L		01/31/13 13:48	02/02/13 02:04	1
Thallium	0.50	U	1.0	0.50	ug/L		01/31/13 13:48	02/02/13 02:04	1
Vanadium	3.8	U	10	3.8	ug/L		01/31/13 13:48	02/02/13 02:04	1
Zinc	8.3	U	20	8.3	ug/L		01/31/13 13:48	02/02/13 02:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.58		0.20	0.091	ug/L		01/29/13 13:23	01/30/13 13:51	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.20	mg/L			01/25/13 21:17	1
Ammonia	0.032	I	0.050	0.026	mg/L			02/05/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			01/23/13 19:57	1
Total Dissolved Solids	260		10	10	mg/L			01/30/13 10:34	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			01/23/13 10:03	1
Field pH	6.65				SU			01/23/13 10:03	1
Field Temperature	21.6				Degrees C			01/23/13 10:03	1
Oxygen, Dissolved	0.42				mg/L			01/23/13 10:03	1
Specific Conductance	467				umhos/cm			01/23/13 10:03	1
Turbidity	4.18				NTU			01/23/13 10:03	1
Water Level	102.69				ft			01/23/13 10:03	1
Sheen	No				SU			01/23/13 10:03	1

Client Sample ID: MW-13

Date Collected: 01/23/13 11:12

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-3

Matrix: Ground Water

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			01/29/13 12:06	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/29/13 12:06	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/29/13 12:06	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/29/13 12:06	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-13

Lab Sample ID: 660-52297-3

Date Collected: 01/23/13 11:12

Matrix: Ground Water

Date Received: 01/23/13 17:20

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.57	I	1.0	0.52	ug/L			01/29/13 12:06	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/29/13 12:06	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/29/13 12:06	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/29/13 12:06	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/29/13 12:06	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/29/13 12:06	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/29/13 12:06	1
1,4-Dichlorobenzene	2.8		1.0	0.52	ug/L			01/29/13 12:06	1
2-Butanone	8.4	U	10	8.4	ug/L			01/29/13 12:06	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/29/13 12:06	1
Acetone	9.9	U	20	9.9	ug/L			01/29/13 12:06	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/29/13 12:06	1
Benzene	0.50	U	1.0	0.50	ug/L			01/29/13 12:06	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/29/13 12:06	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/29/13 12:06	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/29/13 12:06	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:06	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/29/13 12:06	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/29/13 12:06	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/29/13 12:06	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:06	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/29/13 12:06	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/29/13 12:06	1
cis-1,2-Dichloroethene	2.0		1.0	0.65	ug/L			01/29/13 12:06	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 12:06	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/29/13 12:06	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/29/13 12:06	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/29/13 12:06	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/29/13 12:06	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:21	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/29/13 12:06	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/29/13 12:06	1
Styrene	0.98	U	2.0	0.98	ug/L			01/29/13 12:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 12:06	1
Toluene	0.51	U	1.0	0.51	ug/L			01/29/13 12:06	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/29/13 12:06	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 12:06	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/29/13 12:06	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 12:06	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:06	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/29/13 12:06	1
Vinyl chloride	0.89	I	1.0	0.50	ug/L			01/29/13 12:06	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/29/13 12:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		01/29/13 12:06	1
4-Bromofluorobenzene	110		70 - 130		01/29/13 12:21	1
Dibromofluoromethane	99		70 - 130		01/29/13 12:06	1
Dibromofluoromethane	115		70 - 130		01/29/13 12:21	1
Toluene-d8 (Surr)	102		70 - 130		01/29/13 12:06	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-13

Date Collected: 01/23/13 11:12

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-3

Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		70 - 130		01/29/13 12:21	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		01/31/13 17:03	02/01/13 00:13	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		01/31/13 17:03	02/01/13 00:13	1
1,2,3-Trichloropropane	0.091	U	0.20	0.091	ug/L		01/31/13 17:03	02/01/13 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	127		60 - 144	01/31/13 17:03	02/01/13 00:13	1
Pentachloroethane	183	J1	60 - 144	01/31/13 17:03	02/01/13 00:13	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		01/31/13 13:48	02/02/13 02:11	1
Arsenic	3.6		2.5	1.3	ug/L		01/31/13 13:48	02/02/13 02:11	1
Barium	5.4		5.0	1.3	ug/L		01/31/13 13:48	02/02/13 02:11	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/31/13 13:48	02/02/13 02:11	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/31/13 13:48	02/02/13 02:11	1
Chromium	2.5	U	5.0	2.5	ug/L		01/31/13 13:48	02/02/13 02:11	1
Cobalt	6.1		0.50	0.15	ug/L		01/31/13 13:48	02/02/13 02:11	1
Copper	1.1	U	5.0	1.1	ug/L		01/31/13 13:48	02/02/13 02:11	1
Iron	2700		100	33	ug/L		01/31/13 13:48	02/02/13 02:11	1
Lead	0.20	U	1.5	0.20	ug/L		01/31/13 13:48	02/02/13 02:11	1
Nickel	3.3	I	5.0	2.0	ug/L		01/31/13 13:48	02/02/13 02:11	1
Selenium	1.0	U	2.5	1.0	ug/L		01/31/13 13:48	02/02/13 02:11	1
Silver	0.25	U	1.0	0.25	ug/L		01/31/13 13:48	02/02/13 02:11	1
Sodium	3.0		0.50	0.25	mg/L		01/31/13 13:48	02/02/13 02:11	1
Thallium	0.50	U	1.0	0.50	ug/L		01/31/13 13:48	02/02/13 02:11	1
Vanadium	3.8	U	10	3.8	ug/L		01/31/13 13:48	02/02/13 02:11	1
Zinc	8.3	U	20	8.3	ug/L		01/31/13 13:48	02/02/13 02:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/29/13 13:23	01/30/13 13:53	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.8		1.0	0.20	mg/L			01/25/13 21:29	1
Ammonia	0.029	I	0.050	0.026	mg/L			02/05/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			01/23/13 19:57	1
Total Dissolved Solids	16		5.0	5.0	mg/L			01/30/13 10:34	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			01/23/13 11:12	1
Field pH	5.03				SU			01/23/13 11:12	1
Field Temperature	23.1				Degrees C			01/23/13 11:12	1
Oxygen, Dissolved	0.47				mg/L			01/23/13 11:12	1
Specific Conductance	70				umhos/cm			01/23/13 11:12	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-13

Date Collected: 01/23/13 11:12

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-3

Matrix: Ground Water

Method: Field Sampling - Field Sampling (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	3.53				NTU			01/23/13 11:12	1
Water Level	105.78				ft			01/23/13 11:12	1
Sheen	No				SU			01/23/13 11:12	1

Client Sample ID: MW-12

Date Collected: 01/23/13 13:44

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-4

Matrix: Ground Water

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			01/29/13 12:28	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/29/13 12:28	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/29/13 12:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/29/13 12:28	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/29/13 12:28	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/29/13 12:28	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/29/13 12:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/29/13 12:28	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/29/13 12:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/29/13 12:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/29/13 12:28	1
1,4-Dichlorobenzene	0.82	I	1.0	0.52	ug/L			01/29/13 12:28	1
2-Butanone	8.4	U	10	8.4	ug/L			01/29/13 12:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/29/13 12:28	1
Acetone	9.9	U	20	9.9	ug/L			01/29/13 12:28	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/29/13 12:28	1
Benzene	0.50	U	1.0	0.50	ug/L			01/29/13 12:28	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/29/13 12:28	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/29/13 12:28	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/29/13 12:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/29/13 12:28	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/29/13 12:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/29/13 12:28	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/29/13 12:28	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/29/13 12:28	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/29/13 12:28	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 12:28	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/29/13 12:28	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/29/13 12:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/29/13 12:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/29/13 12:28	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:38	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/29/13 12:28	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/29/13 12:28	1
Styrene	0.98	U	2.0	0.98	ug/L			01/29/13 12:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 12:28	1
Toluene	0.51	U	1.0	0.51	ug/L			01/29/13 12:28	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/29/13 12:28	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-12

Lab Sample ID: 660-52297-4

Date Collected: 01/23/13 13:44

Matrix: Ground Water

Date Received: 01/23/13 17:20

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 12:28	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/29/13 12:28	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 12:28	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:28	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/29/13 12:28	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/29/13 12:28	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/29/13 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		01/29/13 12:28	1
4-Bromofluorobenzene	103		70 - 130		01/29/13 12:38	1
Dibromofluoromethane	101		70 - 130		01/29/13 12:28	1
Dibromofluoromethane	111		70 - 130		01/29/13 12:38	1
Toluene-d8 (Surr)	101		70 - 130		01/29/13 12:28	1
Toluene-d8 (Surr)	107		70 - 130		01/29/13 12:38	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		01/31/13 17:03	02/01/13 00:21	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		01/31/13 17:03	02/01/13 00:21	1
1,2,3-Trichloropropane	0.090	U	0.20	0.090	ug/L		01/31/13 17:03	02/01/13 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	123		60 - 144	01/31/13 17:03	02/01/13 00:21	1
Pentachloroethane	194	J1	60 - 144	01/31/13 17:03	02/01/13 00:21	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		01/31/13 13:48	02/02/13 02:19	1
Arsenic	2.2	I	2.5	1.3	ug/L		01/31/13 13:48	02/02/13 02:19	1
Barium	16		5.0	1.3	ug/L		01/31/13 13:48	02/02/13 02:19	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/31/13 13:48	02/02/13 02:19	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/31/13 13:48	02/02/13 02:19	1
Chromium	2.5	U	5.0	2.5	ug/L		01/31/13 13:48	02/02/13 02:19	1
Cobalt	0.54		0.50	0.15	ug/L		01/31/13 13:48	02/02/13 02:19	1
Copper	1.1	U	5.0	1.1	ug/L		01/31/13 13:48	02/02/13 02:19	1
Iron	2700		100	33	ug/L		01/31/13 13:48	02/02/13 02:19	1
Lead	0.20	U	1.5	0.20	ug/L		01/31/13 13:48	02/02/13 02:19	1
Nickel	2.0	U	5.0	2.0	ug/L		01/31/13 13:48	02/02/13 02:19	1
Selenium	1.0	U	2.5	1.0	ug/L		01/31/13 13:48	02/02/13 02:19	1
Silver	0.25	U	1.0	0.25	ug/L		01/31/13 13:48	02/02/13 02:19	1
Sodium	2.8		0.50	0.25	mg/L		01/31/13 13:48	02/02/13 02:19	1
Thallium	0.50	U	1.0	0.50	ug/L		01/31/13 13:48	02/02/13 02:19	1
Vanadium	3.8	U	10	3.8	ug/L		01/31/13 13:48	02/02/13 02:19	1
Zinc	8.3	U	20	8.3	ug/L		01/31/13 13:48	02/02/13 02:19	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/29/13 13:23	01/30/13 13:56	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-12

Date Collected: 01/23/13 13:44

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-4

Matrix: Ground Water

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.9		1.0	0.20	mg/L			01/25/13 21:42	1
Ammonia	0.16		0.050	0.026	mg/L			02/05/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			01/23/13 19:57	1
Total Dissolved Solids	240		10	10	mg/L			01/30/13 10:34	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			01/23/13 13:44	1
Field pH	6.76				SU			01/23/13 13:44	1
Field Temperature	23.5				Degrees C			01/23/13 13:44	1
Oxygen, Dissolved	0.21				mg/L			01/23/13 13:44	1
Specific Conductance	456				umhos/cm			01/23/13 13:44	1
Turbidity	1.33				NTU			01/23/13 13:44	1
Water Level	97.50				ft			01/23/13 13:44	1
Sheen	No				SU			01/23/13 13:44	1

Client Sample ID: MW-11

Date Collected: 01/23/13 14:36

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-5

Matrix: Ground Water

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			01/29/13 12:50	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/29/13 12:50	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/29/13 12:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/29/13 12:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/29/13 12:50	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/29/13 12:50	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/29/13 12:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/29/13 12:50	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/29/13 12:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/29/13 12:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/29/13 12:50	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/29/13 12:50	1
2-Butanone	8.4	U	10	8.4	ug/L			01/29/13 12:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/29/13 12:50	1
Acetone	9.9	U	20	9.9	ug/L			01/29/13 12:50	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/29/13 12:50	1
Benzene	0.50	U	1.0	0.50	ug/L			01/29/13 12:50	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/29/13 12:50	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/29/13 12:50	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/29/13 12:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/29/13 12:50	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/29/13 12:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/29/13 12:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/29/13 12:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/29/13 12:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/29/13 12:50	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-11

Date Collected: 01/23/13 14:36

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 12:50	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/29/13 12:50	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/29/13 12:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/29/13 12:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/29/13 12:50	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:55	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/29/13 12:50	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/29/13 12:50	1
Styrene	0.98	U	2.0	0.98	ug/L			01/29/13 12:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 12:50	1
Toluene	0.51	U	1.0	0.51	ug/L			01/29/13 12:50	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/29/13 12:50	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 12:50	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/29/13 12:50	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 12:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/29/13 12:50	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/29/13 12:50	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/29/13 12:50	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/29/13 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130		01/29/13 12:50	1
4-Bromofluorobenzene	105		70 - 130		01/29/13 12:55	1
Dibromofluoromethane	98		70 - 130		01/29/13 12:50	1
Dibromofluoromethane	112		70 - 130		01/29/13 12:55	1
Toluene-d8 (Surr)	100		70 - 130		01/29/13 12:50	1
Toluene-d8 (Surr)	109		70 - 130		01/29/13 12:55	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		01/31/13 17:03	02/01/13 00:30	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		01/31/13 17:03	02/01/13 00:30	1
1,2,3-Trichloropropane	0.089	U	0.20	0.089	ug/L		01/31/13 17:03	02/01/13 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	154	J1	60 - 144	01/31/13 17:03	02/01/13 00:30	1
Pentachloroethane	309	L J1	60 - 144	01/31/13 17:03	02/01/13 00:30	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		01/31/13 13:48	02/02/13 02:26	1
Arsenic	1.3	U	2.5	1.3	ug/L		01/31/13 13:48	02/02/13 02:26	1
Barium	18		5.0	1.3	ug/L		01/31/13 13:48	02/02/13 02:26	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/31/13 13:48	02/02/13 02:26	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/31/13 13:48	02/02/13 02:26	1
Chromium	2.5	U	5.0	2.5	ug/L		01/31/13 13:48	02/02/13 02:26	1
Cobalt	0.15	U	0.50	0.15	ug/L		01/31/13 13:48	02/02/13 02:26	1
Copper	1.1	U	5.0	1.1	ug/L		01/31/13 13:48	02/02/13 02:26	1
Iron	33	U	100	33	ug/L		01/31/13 13:48	02/02/13 02:26	1
Lead	0.20	U	1.5	0.20	ug/L		01/31/13 13:48	02/02/13 02:26	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-11

Date Collected: 01/23/13 14:36

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	2.0	U	5.0	2.0	ug/L		01/31/13 13:48	02/02/13 02:26	1
Selenium	1.0	U	2.5	1.0	ug/L		01/31/13 13:48	02/02/13 02:26	1
Silver	0.25	U	1.0	0.25	ug/L		01/31/13 13:48	02/02/13 02:26	1
Sodium	3.3		0.50	0.25	mg/L		01/31/13 13:48	02/02/13 02:26	1
Thallium	0.89	I	1.0	0.50	ug/L		01/31/13 13:48	02/02/13 02:26	1
Vanadium	3.8	U	10	3.8	ug/L		01/31/13 13:48	02/02/13 02:26	1
Zinc	8.3	U	20	8.3	ug/L		01/31/13 13:48	02/02/13 02:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/29/13 13:23	01/30/13 13:58	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.8		1.0	0.20	mg/L			01/25/13 21:54	1
Ammonia	0.026	U	0.050	0.026	mg/L			02/05/13 14:52	1
Nitrate as N	0.46	I	0.50	0.10	mg/L			01/23/13 19:57	1
Total Dissolved Solids	220		10	10	mg/L			01/30/13 10:34	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			01/23/13 14:36	1
Field pH	6.79				SU			01/23/13 14:36	1
Field Temperature	23.2				Degrees C			01/23/13 14:36	1
Oxygen, Dissolved	0.27				mg/L			01/23/13 14:36	1
Specific Conductance	406				umhos/cm			01/23/13 14:36	1
Turbidity	1.41				NTU			01/23/13 14:36	1
Water Level	98.85				ft			01/23/13 14:36	1
Sheen	No				SU			01/23/13 14:36	1

Client Sample ID: MW-10

Date Collected: 01/24/13 10:54

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52323-1

Matrix: Ground Water

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			01/31/13 07:56	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/31/13 07:56	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/31/13 07:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/31/13 07:56	1
1,1-Dichloroethane	1.3		1.0	0.52	ug/L			01/31/13 07:56	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/31/13 07:56	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/31/13 07:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/31/13 07:56	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/31/13 07:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/31/13 07:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/31/13 07:56	1
1,4-Dichlorobenzene	5.8		1.0	0.52	ug/L			01/31/13 07:56	1
2-Butanone	8.4	U	10	8.4	ug/L			01/31/13 07:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/31/13 07:56	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-10

Date Collected: 01/24/13 10:54

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52323-1

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			01/31/13 07:56	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/31/13 07:56	1
Benzene	1.6		1.0	0.50	ug/L			01/31/13 07:56	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/31/13 07:56	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/31/13 07:56	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/31/13 07:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/31/13 07:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/31/13 07:56	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/31/13 07:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/31/13 07:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/31/13 07:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/31/13 07:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/31/13 07:56	1
cis-1,2-Dichloroethene	5.2		1.0	0.65	ug/L			01/31/13 07:56	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/31/13 07:56	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/31/13 07:56	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/31/13 07:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/31/13 07:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/31/13 07:56	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/31/13 07:56	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/31/13 07:56	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/31/13 07:56	1
Styrene	0.98	U	2.0	0.98	ug/L			01/31/13 07:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/31/13 07:56	1
Toluene	0.51	U	1.0	0.51	ug/L			01/31/13 07:56	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/31/13 07:56	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/31/13 07:56	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/31/13 07:56	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/31/13 07:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/31/13 07:56	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/31/13 07:56	1
Vinyl chloride	1.7		1.0	0.50	ug/L			01/31/13 07:56	1
Xylenes, Total	5.4		3.0	0.50	ug/L			01/31/13 07:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		01/31/13 07:56	1
Dibromofluoromethane	106		70 - 130		01/31/13 07:56	1
Toluene-d8 (Surr)	101		70 - 130		01/31/13 07:56	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		01/31/13 17:03	01/31/13 23:32	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		01/31/13 17:03	01/31/13 23:32	1
1,2,3-Trichloropropane	0.090	U	0.20	0.090	ug/L		01/31/13 17:03	01/31/13 23:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	147	J1	60 - 144	01/31/13 17:03	01/31/13 23:32	1
Pentachloroethane	164	J1	60 - 144	01/31/13 17:03	01/31/13 23:32	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-10

Lab Sample ID: 660-52323-1

Date Collected: 01/24/13 10:54

Matrix: Ground Water

Date Received: 01/25/13 09:00

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		01/31/13 13:48	02/02/13 02:34	1
Arsenic	1.6	I	2.5	1.3	ug/L		01/31/13 13:48	02/02/13 02:34	1
Barium	84		5.0	1.3	ug/L		01/31/13 13:48	02/02/13 02:34	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/31/13 13:48	02/02/13 02:34	1
Cadmium	0.19	I	0.50	0.095	ug/L		01/31/13 13:48	02/02/13 02:34	1
Chromium	7.9		5.0	2.5	ug/L		01/31/13 13:48	02/02/13 02:34	1
Cobalt	0.50		0.50	0.15	ug/L		01/31/13 13:48	02/02/13 02:34	1
Copper	1.1	U	5.0	1.1	ug/L		01/31/13 13:48	02/02/13 02:34	1
Iron	3700		100	33	ug/L		01/31/13 13:48	02/02/13 02:34	1
Lead	3.0		1.5	0.20	ug/L		01/31/13 13:48	02/02/13 02:34	1
Nickel	4.2	I	5.0	2.0	ug/L		01/31/13 13:48	02/02/13 02:34	1
Selenium	1.0	U	2.5	1.0	ug/L		01/31/13 13:48	02/02/13 02:34	1
Silver	0.25	U	1.0	0.25	ug/L		01/31/13 13:48	02/02/13 02:34	1
Sodium	5.2		0.50	0.25	mg/L		01/31/13 13:48	02/02/13 02:34	1
Thallium	0.50	U	1.0	0.50	ug/L		01/31/13 13:48	02/02/13 02:34	1
Vanadium	3.8	U	10	3.8	ug/L		01/31/13 13:48	02/02/13 02:34	1
Zinc	8.3	U	20	8.3	ug/L		01/31/13 13:48	02/02/13 02:34	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		01/31/13 13:48	02/02/13 03:25	1
Arsenic	1.3	U	2.5	1.3	ug/L		01/31/13 13:48	02/02/13 03:25	1
Barium	2.8	I	5.0	1.3	ug/L		01/31/13 13:48	02/02/13 03:25	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/31/13 13:48	02/02/13 03:25	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/31/13 13:48	02/02/13 03:25	1
Chromium	2.5	U	5.0	2.5	ug/L		01/31/13 13:48	02/02/13 03:25	1
Cobalt	0.47	I	0.50	0.15	ug/L		01/31/13 13:48	02/02/13 03:25	1
Copper	1.1	U	5.0	1.1	ug/L		01/31/13 13:48	02/02/13 03:25	1
Iron	3000		100	33	ug/L		01/31/13 13:48	02/02/13 03:25	1
Lead	0.20	U	1.5	0.20	ug/L		01/31/13 13:48	02/02/13 03:25	1
Nickel	2.0	U	5.0	2.0	ug/L		01/31/13 13:48	02/02/13 03:25	1
Selenium	1.0	U	2.5	1.0	ug/L		01/31/13 13:48	02/02/13 03:25	1
Silver	0.25	U	1.0	0.25	ug/L		01/31/13 13:48	02/02/13 03:25	1
Sodium	4.9		0.50	0.25	mg/L		01/31/13 13:48	02/02/13 03:25	1
Thallium	0.50	U	1.0	0.50	ug/L		01/31/13 13:48	02/02/13 03:25	1
Vanadium	3.8	U	10	3.8	ug/L		01/31/13 13:48	02/02/13 03:25	1
Zinc	9.0	I	20	8.3	ug/L		01/31/13 13:48	02/02/13 03:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/29/13 13:23	01/30/13 14:06	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/29/13 13:23	01/30/13 14:08	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.7		1.0	0.20	mg/L			01/28/13 18:07	1
Ammonia	0.026	U	0.050	0.026	mg/L			02/05/13 14:52	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-10

Date Collected: 01/24/13 10:54

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52323-1

Matrix: Ground Water

General Chemistry (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.10	U	0.50	0.10	mg/L			01/25/13 11:25	1
Total Dissolved Solids	12		5.0	5.0	mg/L			01/31/13 11:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Cloudy				Color Units			01/24/13 10:54	1
Field pH	4.36				SU			01/24/13 10:54	1
Field Temperature	22.6				Degrees C			01/24/13 10:54	1
Oxygen, Dissolved	0.62				mg/L			01/24/13 10:54	1
Specific Conductance	44				umhos/cm			01/24/13 10:54	1
Turbidity	31.2				NTU			01/24/13 10:54	1
Water Level	105.88				ft			01/24/13 10:54	1
Sheen	No				SU			01/24/13 10:54	1

Client Sample ID: MW-15

Date Collected: 01/24/13 11:48

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52323-2

Matrix: Ground Water

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			01/31/13 08:12	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/31/13 08:12	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/31/13 08:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/31/13 08:12	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/31/13 08:12	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/31/13 08:12	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/31/13 08:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/31/13 08:12	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/31/13 08:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/31/13 08:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/31/13 08:12	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/31/13 08:12	1
2-Butanone	8.4	U	10	8.4	ug/L			01/31/13 08:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/31/13 08:12	1
Acetone	9.9	U	20	9.9	ug/L			01/31/13 08:12	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/31/13 08:12	1
Benzene	0.50	U	1.0	0.50	ug/L			01/31/13 08:12	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/31/13 08:12	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/31/13 08:12	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/31/13 08:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/31/13 08:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/31/13 08:12	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/31/13 08:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/31/13 08:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/31/13 08:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/31/13 08:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/31/13 08:12	1
cis-1,2-Dichloroethene	2.2		1.0	0.65	ug/L			01/31/13 08:12	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/31/13 08:12	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/31/13 08:12	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-15

Date Collected: 01/24/13 11:48

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52323-2

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/31/13 08:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/31/13 08:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/31/13 08:12	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/31/13 08:12	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/31/13 08:12	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/31/13 08:12	1
Styrene	0.98	U	2.0	0.98	ug/L			01/31/13 08:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/31/13 08:12	1
Toluene	0.51	U	1.0	0.51	ug/L			01/31/13 08:12	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/31/13 08:12	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/31/13 08:12	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/31/13 08:12	1
Trichloroethene	0.68	I	1.0	0.50	ug/L			01/31/13 08:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/31/13 08:12	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/31/13 08:12	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/31/13 08:12	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/31/13 08:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		01/31/13 08:12	1
Dibromofluoromethane	104		70 - 130		01/31/13 08:12	1
Toluene-d8 (Surr)	99		70 - 130		01/31/13 08:12	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		01/31/13 17:03	01/31/13 23:40	1
1,2-Dibromo-3-Chloropropane	0.0051	U	0.021	0.0051	ug/L		01/31/13 17:03	01/31/13 23:40	1
1,2,3-Trichloropropane	0.092	U	0.21	0.092	ug/L		01/31/13 17:03	01/31/13 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	127		60 - 144	01/31/13 17:03	01/31/13 23:40	1
Pentachloroethane	170	J1	60 - 144	01/31/13 17:03	01/31/13 23:40	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		01/31/13 13:48	02/02/13 03:33	1
Arsenic	3.7		2.5	1.3	ug/L		01/31/13 13:48	02/02/13 03:33	1
Barium	5.0		5.0	1.3	ug/L		01/31/13 13:48	02/02/13 03:33	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/31/13 13:48	02/02/13 03:33	1
Cadmium	0.24	I	0.50	0.095	ug/L		01/31/13 13:48	02/02/13 03:33	1
Chromium	2.5	U	5.0	2.5	ug/L		01/31/13 13:48	02/02/13 03:33	1
Cobalt	0.38	I	0.50	0.15	ug/L		01/31/13 13:48	02/02/13 03:33	1
Copper	1.1	U	5.0	1.1	ug/L		01/31/13 13:48	02/02/13 03:33	1
Iron	9000		100	33	ug/L		01/31/13 13:48	02/02/13 03:33	1
Lead	0.20	U	1.5	0.20	ug/L		01/31/13 13:48	02/02/13 03:33	1
Nickel	3.3	I	5.0	2.0	ug/L		01/31/13 13:48	02/02/13 03:33	1
Selenium	1.0	U	2.5	1.0	ug/L		01/31/13 13:48	02/02/13 03:33	1
Silver	0.25	U	1.0	0.25	ug/L		01/31/13 13:48	02/02/13 03:33	1
Sodium	1.6		0.50	0.25	mg/L		01/31/13 13:48	02/02/13 03:33	1
Thallium	0.50	U	1.0	0.50	ug/L		01/31/13 13:48	02/02/13 03:33	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-15

Date Collected: 01/24/13 11:48

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52323-2

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	3.8	U	10	3.8	ug/L		01/31/13 13:48	02/02/13 03:33	1
Zinc	8.3	U	20	8.3	ug/L		01/31/13 13:48	02/02/13 03:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		01/29/13 13:23	01/30/13 14:10	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.20	mg/L			01/28/13 18:44	1
Ammonia	0.10		0.050	0.026	mg/L			02/05/13 14:42	1
Nitrate as N	0.10	U	0.50	0.10	mg/L			01/25/13 11:25	1
Total Dissolved Solids	36		5.0	5.0	mg/L			01/31/13 11:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			01/24/13 11:48	1
Field pH	4.69				SU			01/24/13 11:48	1
Field Temperature	22.1				Degrees C			01/24/13 11:48	1
Oxygen, Dissolved	0.39				mg/L			01/24/13 11:48	1
Specific Conductance	48				umhos/cm			01/24/13 11:48	1
Turbidity	1.47				NTU			01/24/13 11:48	1
Water Level	117.10				ft			01/24/13 11:48	1
Sheen	No				SU			01/24/13 11:48	1

Client Sample ID: Trip Blank 01/24/13

Date Collected: 01/24/13 00:00

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52323-3

Matrix: Water

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			01/30/13 13:20	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/30/13 13:20	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/30/13 13:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/30/13 13:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/30/13 13:20	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/30/13 13:20	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/30/13 13:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/30/13 13:20	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/30/13 13:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/30/13 13:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/30/13 13:20	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/30/13 13:20	1
2-Butanone	8.4	U	10	8.4	ug/L			01/30/13 13:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/30/13 13:20	1
Acetone	9.9	U	20	9.9	ug/L			01/30/13 13:20	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/30/13 13:20	1
Benzene	0.50	U	1.0	0.50	ug/L			01/30/13 13:20	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/30/13 13:20	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/30/13 13:20	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: Trip Blank 01/24/13

Lab Sample ID: 660-52323-3

Date Collected: 01/24/13 00:00

Matrix: Water

Date Received: 01/25/13 09:00

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.58	U	1.0	0.58	ug/L			01/30/13 13:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/30/13 13:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/30/13 13:20	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/30/13 13:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/30/13 13:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/30/13 13:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/30/13 13:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/30/13 13:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/30/13 13:20	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/30/13 13:20	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/30/13 13:20	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/30/13 13:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/30/13 13:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/30/13 13:20	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/30/13 13:20	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/30/13 13:20	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/30/13 13:20	1
Styrene	0.98	U	2.0	0.98	ug/L			01/30/13 13:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/30/13 13:20	1
Toluene	0.51	U	1.0	0.51	ug/L			01/30/13 13:20	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/30/13 13:20	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/30/13 13:20	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/30/13 13:20	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/30/13 13:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/30/13 13:20	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/30/13 13:20	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/30/13 13:20	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/30/13 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		70 - 130		01/30/13 13:20	1
Dibromofluoromethane	104		70 - 130		01/30/13 13:20	1
Toluene-d8 (Surr)	103		70 - 130		01/30/13 13:20	1

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0023	U	0.021	0.0023	ug/L		01/31/13 17:03	01/31/13 23:48	1
1,2-Dibromo-3-Chloropropane	0.0052	U	0.021	0.0052	ug/L		01/31/13 17:03	01/31/13 23:48	1
1,2,3-Trichloropropane	0.093	U	0.21	0.093	ug/L		01/31/13 17:03	01/31/13 23:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	126		60 - 144	01/31/13 17:03	01/31/13 23:48	1
Pentachloroethane	391	L J1	60 - 144	01/31/13 17:03	01/31/13 23:48	1

TestAmerica Tampa

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-18

Date Collected: 01/24/13 09:20

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52330-1

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	ug/L			01/30/13 09:19	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/30/13 09:19	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/30/13 09:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130					01/30/13 09:19	1
Dibromofluoromethane	105		70 - 130					01/30/13 09:19	1
Toluene-d8 (Surr)	103		70 - 130					01/30/13 09:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Cloudy				Color Units			01/24/13 09:20	1
Field pH	4.79				SU			01/24/13 09:20	1
Field Temperature	20.3				Degrees C			01/24/13 09:20	1
Oxygen, Dissolved	1.57				mg/L			01/24/13 09:20	1
Sheen	No				SU			01/24/13 09:20	1
Specific Conductance	49				umhos/cm			01/24/13 09:20	1
Turbidity	47.2				NTU			01/24/13 09:20	1
Water Level	108.20				ft			01/24/13 09:20	1

Client Sample ID: MW-19

Date Collected: 01/23/13 16:50

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52330-2

Matrix: Ground Water

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

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	ug/L			01/30/13 08:57	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/30/13 08:57	1
Vinyl chloride	0.61	I	1.0	0.50	ug/L			01/30/13 08:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130					01/30/13 08:57	1
Dibromofluoromethane	103		70 - 130					01/30/13 08:57	1
Toluene-d8 (Surr)	101		70 - 130					01/30/13 08:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Color	Clear				Color Units			01/23/13 16:50	1
Field pH	5.69				SU			01/23/13 16:50	1
Field Temperature	23.0				Degrees C			01/23/13 16:50	1
Oxygen, Dissolved	0.55				mg/L			01/23/13 16:50	1
Sheen	No				SU			01/23/13 16:50	1
Specific Conductance	71				umhos/cm			01/23/13 16:50	1
Turbidity	3.45				NTU			01/23/13 16:50	1
Water Level	105.96				ft			01/23/13 16:50	1

TestAmerica Tampa

Surrogate Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
660-52271-2	MW-3	118	105	105
660-52271-3	MW-7	112	104	103
660-52271-4	MW-20	107	114	104
660-52271-5	MW-21	110	110	102
660-52297-1	MW-17	103	108	109
660-52297-1	MW-17	101	101	101
660-52297-2	MW-14	102	107	109
660-52297-2	MW-14	100	99	101
660-52297-3	MW-13	110	115	106
660-52297-3	MW-13	101	99	102
660-52297-4	MW-12	103	111	107
660-52297-4	MW-12	101	101	101
660-52297-5	MW-11	105	112	109
660-52297-5	MW-11	100	98	100
660-52323-1	MW-10	98	106	101
660-52323-2	MW-15	98	104	99
660-52330-1	MW-18	102	105	103
660-52330-1 MS	MW-18	102	101	102
660-52330-2	MW-19	102	103	101
660-52330-2 DU	MW-19	102	99	103
Surrogate Legend				
BFB = 4-Bromofluorobenzene				
DBFM = Dibromofluoromethane				
TOL = Toluene-d8 (Surr)				

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
660-52271-1	Field Blank	110	112	105
660-52271-6	Trip Blank 01/22/13	108	114	104
660-52273-B-5 DU	Duplicate	106	110	104
660-52273-B-5 MS	Matrix Spike	102	98	101
660-52286-B-1 MS	Matrix Spike	101	102	101
660-52292-C-1 DU	Duplicate	102	102	101
660-52322-B-2 MS	Matrix Spike	101	105	101
660-52322-C-1 DU	Duplicate	100	114	100
660-52323-3	Trip Blank 01/24/13	103	104	103
660-52351-A-1 DU	Duplicate	106	116	105
660-52351-B-2 MS	Matrix Spike	107	110	107
LCS 660-133743/8	Lab Control Sample	100	97	100
LCS 660-133886/4	Lab Control Sample	108	108	104
LCS 660-133905/4	Lab Control Sample	101	99	100
LCS 660-133915/4	Lab Control Sample	102	100	101
LCS 660-133949/4	Lab Control Sample	100	104	99
MB 660-133743/10	Method Blank	104	108	102

TestAmerica Tampa

Surrogate Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
MB 660-133886/6	Method Blank	105	108	106
MB 660-133905/6	Method Blank	101	99	102
MB 660-133915/6	Method Blank	102	103	101
MB 660-133949/6	Method Blank	97	103	103
Surrogate Legend				
BFB = 4-Bromofluorobenzene				
DBFM = Dibromofluoromethane				
TOL = Toluene-d8 (Surr)				

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		PCA1 (60-144)	PCA2 (60-144)
660-52271-2	MW-3		116
660-52271-3	MW-7		125
660-52271-4	MW-20		123
660-52271-5	MW-21		131
660-52297-1	MW-17	128	185 J1
660-52297-1 MS	MW-17	99	169 J1
660-52297-2	MW-14	124	287 L J1
660-52297-3	MW-13	127	183 J1
660-52297-4	MW-12	123	194 J1
660-52297-5	MW-11	154 J1	309 L J1
660-52323-1	MW-10	147 J1	164 J1
660-52323-1 MS	MW-10	147 J1	159 J1
660-52323-2	MW-15	127	170 J1
Surrogate Legend			
PCA = Pentachloroethane			

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		PCA1 (60-144)	PCA2 (60-144)
660-52271-1	Field Blank		124
660-52271-1 MS	Field Blank		115
660-52271-6	Trip Blank 01/22/13	130	436 L J1
660-52323-3	Trip Blank 01/24/13	126	391 L J1
680-86886-P-1-A MS	Matrix Spike	145 J1	337 L J1
LCS 680-263944/10-A	Lab Control Sample		112
LCS 680-264679/3-A	Lab Control Sample	115	114
LCSD 680-263944/11-A	Lab Control Sample Dup		103
LCSD 680-264679/4-A	Lab Control Sample Dup	115	111
MB 680-263944/9-A	Method Blank		114
MB 680-264679/2-A	Method Blank	110	103

TestAmerica Tampa

Surrogate Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Surrogate Legend

PCA = Pentachloroethane

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

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: MB 660-133743/10

Matrix: Water

Analysis Batch: 133743

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			01/23/13 12:42	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/23/13 12:42	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/23/13 12:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/23/13 12:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/23/13 12:42	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/23/13 12:42	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/23/13 12:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/23/13 12:42	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/23/13 12:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/23/13 12:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/23/13 12:42	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/23/13 12:42	1
2-Butanone	8.4	U	10	8.4	ug/L			01/23/13 12:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/23/13 12:42	1
Acetone	9.9	U	20	9.9	ug/L			01/23/13 12:42	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/23/13 12:42	1
Benzene	0.50	U	1.0	0.50	ug/L			01/23/13 12:42	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/23/13 12:42	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/23/13 12:42	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/23/13 12:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/23/13 12:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/23/13 12:42	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/23/13 12:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/23/13 12:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/23/13 12:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/23/13 12:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/23/13 12:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/23/13 12:42	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 12:42	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/23/13 12:42	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/23/13 12:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/23/13 12:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/23/13 12:42	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/23/13 12:42	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/23/13 12:42	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/23/13 12:42	1
Styrene	0.98	U	2.0	0.98	ug/L			01/23/13 12:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 12:42	1
Toluene	0.51	U	1.0	0.51	ug/L			01/23/13 12:42	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/23/13 12:42	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/23/13 12:42	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/23/13 12:42	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/23/13 12:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/23/13 12:42	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/23/13 12:42	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/23/13 12:42	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/23/13 12:42	1

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: MB 660-133743/10

Matrix: Water

Analysis Batch: 133743

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		70 - 130		01/23/13 12:42	1
Dibromofluoromethane	108		70 - 130		01/23/13 12:42	1
Toluene-d8 (Surr)	102		70 - 130		01/23/13 12:42	1

Lab Sample ID: LCS 660-133743/8

Matrix: Water

Analysis Batch: 133743

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	16.2		ug/L		81	70 - 130
1,1,1,1-Trichloroethane	20.0	19.0		ug/L		95	63 - 132
1,1,1,2,2-Tetrachloroethane	20.0	19.6		ug/L		98	70 - 130
1,1,1,2-Trichloroethane	20.0	19.2		ug/L		96	70 - 130
1,1-Dichloroethane	20.0	19.2		ug/L		96	66 - 130
1,1-Dichloroethene	20.0	18.2		ug/L		91	51 - 150
1,2,3-Trichloropropane	20.0	19.9		ug/L		100	66 - 130
1,2-Dibromo-3-Chloropropane	20.0	19.3		ug/L		96	63 - 130
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	70 - 130
1,2-Dichloroethane	20.0	19.0		ug/L		95	70 - 130
1,2-Dichloropropane	20.0	19.6		ug/L		98	70 - 130
1,4-Dichlorobenzene	20.0	19.7		ug/L		99	70 - 130
2-Butanone	40.0	39.5		ug/L		99	63 - 140
2-Hexanone	40.0	49.9		ug/L		125	60 - 148
Acetone	40.0	47.0		ug/L		118	62 - 142
Acrylonitrile	40.0	35.9		ug/L		90	59 - 146
Benzene	20.0	19.4		ug/L		97	68 - 134
Bromochloromethane	20.0	18.2		ug/L		91	70 - 130
Bromodichloromethane	20.0	21.0		ug/L		105	70 - 130
Bromoform	20.0	18.3		ug/L		92	65 - 130
Bromomethane	20.0	20.1		ug/L		100	22 - 150
Carbon disulfide	40.0	31.7		ug/L		79	30 - 150
Carbon tetrachloride	20.0	18.3		ug/L		91	61 - 134
Chlorobenzene	20.0	19.5		ug/L		97	70 - 130
Chloroethane	20.0	24.4		ug/L		122	39 - 150
Chloroform	20.0	20.8		ug/L		104	68 - 130
Chloromethane	20.0	23.3		ug/L		117	35 - 150
cis-1,2-Dichloroethene	20.0	19.0		ug/L		95	66 - 130
cis-1,3-Dichloropropene	20.0	17.5		ug/L		87	70 - 130
Dibromochloromethane	20.0	18.7		ug/L		93	70 - 130
Dibromomethane	20.0	20.0		ug/L		100	70 - 130
Ethylbenzene	20.0	18.2		ug/L		91	70 - 130
Ethylene Dibromide	20.0	20.5		ug/L		102	66 - 130
Iodomethane	40.0	31.2		ug/L		78	70 - 130
Methyl isobutyl ketone (MIBK)	40.0	39.8		ug/L		100	64 - 137
Methylene Chloride	20.0	20.5		ug/L		102	57 - 130
Styrene	20.0	18.5		ug/L		93	68 - 131
Tetrachloroethene	20.0	16.8		ug/L		84	50 - 143
Toluene	20.0	19.9		ug/L		99	70 - 131

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: LCS 660-133743/8

Matrix: Water

Analysis Batch: 133743

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	19.1		ug/L		96	62 - 139
trans-1,3-Dichloropropene	20.0	16.6		ug/L		83	67 - 130
trans-1,4-Dichloro-2-butene	40.0	41.6		ug/L		104	70 - 130
Trichloroethene	20.0	16.8		ug/L		84	63 - 139
Trichlorofluoromethane	20.0	22.2		ug/L		111	62 - 146
Vinyl acetate	20.0	25.0		ug/L		125	31 - 146
Vinyl chloride	20.0	24.6		ug/L		123	48 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	97		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: 660-52273-B-5 MS

Matrix: Water

Analysis Batch: 133743

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	16.5		ug/L		83	70 - 130
1,1,1-Trichloroethane	0.46	U	20.0	17.3		ug/L		86	63 - 132
1,1,2,2-Tetrachloroethane	0.15	U	20.0	18.0		ug/L		90	70 - 130
1,1,2-Trichloroethane	0.47	U	20.0	19.3		ug/L		97	70 - 130
1,1-Dichloroethane	0.52	U	20.0	20.1		ug/L		100	66 - 130
1,1-Dichloroethene	0.45	U	20.0	15.5		ug/L		77	51 - 150
1,2,3-Trichloropropane	0.18	U	20.0	18.7		ug/L		94	66 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	20.0	17.3		ug/L		87	63 - 130
1,2-Dichlorobenzene	0.44	U	20.0	20.1		ug/L		101	70 - 130
1,2-Dichloroethane	0.57	U	20.0	19.6		ug/L		98	70 - 130
1,2-Dichloropropane	0.52	U	20.0	21.0		ug/L		105	70 - 130
1,4-Dichlorobenzene	0.52	U	20.0	19.5		ug/L		97	70 - 130
2-Butanone	8.4	U J3	40.0	24.2	J3	ug/L		61	63 - 140
2-Hexanone	4.4	U	40.0	25.9		ug/L		65	60 - 148
Acetone	9.9	U J3	40.0	24.0	J3	ug/L		60	62 - 142
Acrylonitrile	1.2	U	40.0	25.9		ug/L		65	59 - 146
Benzene	0.50	U	20.0	19.2		ug/L		96	68 - 134
Bromochloromethane	0.58	U	20.0	17.2		ug/L		86	70 - 130
Bromodichloromethane	0.35	U	20.0	21.5		ug/L		108	70 - 130
Bromoform	0.58	U	20.0	18.2		ug/L		91	65 - 130
Bromomethane	2.5	U	20.0	20.1		ug/L		100	22 - 150
Carbon disulfide	1.0	U	40.0	22.2		ug/L		56	30 - 150
Carbon tetrachloride	0.42	U	20.0	16.0		ug/L		80	61 - 134
Chlorobenzene	0.63	U	20.0	19.8		ug/L		99	70 - 130
Chloroethane	2.5	U	20.0	23.4		ug/L		117	39 - 150
Chloroform	0.90	U	20.0	21.7		ug/L		109	68 - 130
Chloromethane	1.0	U	20.0	25.0		ug/L		125	35 - 150
cis-1,2-Dichloroethene	0.65	U	20.0	20.6		ug/L		103	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	15.7		ug/L		78	70 - 130
Dibromochloromethane	0.34	U	20.0	18.2		ug/L		91	70 - 130

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52273-B-5 MS

Matrix: Water

Analysis Batch: 133743

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	18.8		ug/L		94	70 - 130
Ethylbenzene	0.44	U	20.0	18.2		ug/L		91	70 - 130
Ethylene Dibromide	0.50	U	20.0	18.8		ug/L		94	66 - 130
Iodomethane	2.5	U J3	40.0	21.4	J3	ug/L		54	70 - 130
Methyl isobutyl ketone (MIBK)	3.8	U J3	40.0	24.2	J3	ug/L		61	64 - 137
Methylene Chloride	4.0	U	20.0	21.2		ug/L		106	57 - 130
Styrene	0.98	U	20.0	18.7		ug/L		94	68 - 131
Tetrachloroethene	0.50	U	20.0	15.5		ug/L		78	50 - 143
Toluene	0.51	U	20.0	19.5		ug/L		98	70 - 131
trans-1,2-Dichloroethene	0.44	U	20.0	19.1		ug/L		96	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	15.8		ug/L		79	67 - 130
trans-1,4-Dichloro-2-butene	2.5	U	40.0	28.1		ug/L		70	70 - 130
Trichloroethene	0.50	U	20.0	16.4		ug/L		82	63 - 139
Trichlorofluoromethane	2.5	U	20.0	22.7		ug/L		114	62 - 146
Vinyl acetate	1.5	U	20.0	23.1		ug/L		116	31 - 146
Vinyl chloride	0.50	U	20.0	23.6		ug/L		118	48 - 147

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 660-52273-B-5 DU

Matrix: Water

Analysis Batch: 133743

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 J3	8.4	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Acetone	9.9	U J3	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

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52273-B-5 DU

Matrix: Water

Analysis Batch: 133743

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 J3	2.5	U	ug/L		NC	30
Methyl isobutyl ketone (MIBK)	3.8	U J3	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	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	106		70 - 130
Dibromofluoromethane	110		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: MB 660-133886/6

Matrix: Water

Analysis Batch: 133886

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Iodomethane	2.5	U	5.0	2.5	ug/L	-		01/29/13 08:02	1
Surrogate	%Recovery	MB MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		70 - 130					01/29/13 08:02	1
Dibromofluoromethane	108		70 - 130					01/29/13 08:02	1
Toluene-d8 (Surr)	106		70 - 130					01/29/13 08:02	1

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: LCS 660-133886/4

Matrix: Water

Analysis Batch: 133886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iodomethane			40.0	33.6		ug/L		84	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene	108		70 - 130						
Dibromofluoromethane	108		70 - 130						
Toluene-d8 (Surr)	104		70 - 130						

Lab Sample ID: 660-52351-B-2 MS

Matrix: Water

Analysis Batch: 133886

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
Iodomethane	2.5	U	40.0	34.4		ug/L		86	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene	107		70 - 130						
Dibromofluoromethane	110		70 - 130						
Toluene-d8 (Surr)	107		70 - 130						

Lab Sample ID: 660-52351-A-1 DU

Matrix: Water

Analysis Batch: 133886

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	RPD Limit
Iodomethane	2.5	U		2.5	U	ug/L			NC	30
Surrogate	%Recovery	DU Qualifier	Limits							
4-Bromofluorobenzene	106		70 - 130							
Dibromofluoromethane	116		70 - 130							
Toluene-d8 (Surr)	105		70 - 130							

Lab Sample ID: MB 660-133905/6

Matrix: Water

Analysis Batch: 133905

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			01/29/13 08:29	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/29/13 08:29	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/29/13 08:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/29/13 08:29	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/29/13 08:29	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/29/13 08:29	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/29/13 08:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/29/13 08:29	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/29/13 08:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/29/13 08:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/29/13 08:29	1

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: MB 660-133905/6

Matrix: Water

Analysis Batch: 133905

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/29/13 08:29	1
2-Butanone	8.4	U	10	8.4	ug/L			01/29/13 08:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/29/13 08:29	1
Acetone	9.9	U	20	9.9	ug/L			01/29/13 08:29	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/29/13 08:29	1
Benzene	0.50	U	1.0	0.50	ug/L			01/29/13 08:29	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/29/13 08:29	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/29/13 08:29	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/29/13 08:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/29/13 08:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/29/13 08:29	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/29/13 08:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/29/13 08:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/29/13 08:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/29/13 08:29	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/29/13 08:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/29/13 08:29	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 08:29	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/29/13 08:29	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/29/13 08:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/29/13 08:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/29/13 08:29	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/29/13 08:29	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/29/13 08:29	1
Styrene	0.98	U	2.0	0.98	ug/L			01/29/13 08:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 08:29	1
Toluene	0.51	U	1.0	0.51	ug/L			01/29/13 08:29	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/29/13 08:29	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/29/13 08:29	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/29/13 08:29	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/29/13 08:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/29/13 08:29	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/29/13 08:29	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/29/13 08:29	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/29/13 08:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		01/29/13 08:29	1
Dibromofluoromethane	99		70 - 130		01/29/13 08:29	1
Toluene-d8 (Surr)	102		70 - 130		01/29/13 08:29	1

Lab Sample ID: LCS 660-133905/4

Matrix: Water

Analysis Batch: 133905

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	21.8		ug/L		109	70 - 130
1,1,1-Trichloroethane	20.0	19.4		ug/L		97	63 - 132

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: LCS 660-133905/4

Matrix: Water

Analysis Batch: 133905

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	20.0	21.9		ug/L		110	70 - 130
1,1,2-Trichloroethane	20.0	21.7		ug/L		108	70 - 130
1,1-Dichloroethane	20.0	19.0		ug/L		95	66 - 130
1,1-Dichloroethene	20.0	17.7		ug/L		88	51 - 150
1,2,3-Trichloropropane	20.0	22.1		ug/L		111	66 - 130
1,2-Dibromo-3-Chloropropane	20.0	23.0		ug/L		115	63 - 130
1,2-Dichlorobenzene	20.0	22.1		ug/L		110	70 - 130
1,2-Dichloroethane	20.0	20.6		ug/L		103	70 - 130
1,2-Dichloropropane	20.0	21.0		ug/L		105	70 - 130
1,4-Dichlorobenzene	20.0	21.9		ug/L		109	70 - 130
2-Butanone	40.0	42.4		ug/L		106	63 - 140
2-Hexanone	40.0	45.0		ug/L		112	60 - 148
Acetone	40.0	45.3		ug/L		113	62 - 142
Acrylonitrile	40.0	41.0		ug/L		103	59 - 146
Benzene	20.0	20.1		ug/L		101	68 - 134
Bromochloromethane	20.0	19.4		ug/L		97	70 - 130
Bromodichloromethane	20.0	22.0		ug/L		110	70 - 130
Bromoform	20.0	21.5		ug/L		107	65 - 130
Bromomethane	20.0	15.8		ug/L		79	22 - 150
Carbon disulfide	40.0	36.2		ug/L		90	30 - 150
Carbon tetrachloride	20.0	19.4		ug/L		97	61 - 134
Chlorobenzene	20.0	21.3		ug/L		107	70 - 130
Chloroethane	20.0	17.2		ug/L		86	39 - 150
Chloroform	20.0	19.4		ug/L		97	68 - 130
Chloromethane	20.0	20.6		ug/L		103	35 - 150
cis-1,2-Dichloroethene	20.0	20.1		ug/L		101	66 - 130
cis-1,3-Dichloropropene	20.0	21.0		ug/L		105	70 - 130
Dibromochloromethane	20.0	21.2		ug/L		106	70 - 130
Dibromomethane	20.0	21.2		ug/L		106	70 - 130
Ethylbenzene	20.0	21.7		ug/L		108	70 - 130
Ethylene Dibromide	20.0	22.0		ug/L		110	66 - 130
Methyl isobutyl ketone (MIBK)	40.0	43.2		ug/L		108	64 - 137
Methylene Chloride	20.0	18.6		ug/L		93	57 - 130
Styrene	20.0	22.7		ug/L		113	68 - 131
Tetrachloroethene	20.0	21.2		ug/L		106	50 - 143
Toluene	20.0	21.1		ug/L		106	70 - 131
trans-1,2-Dichloroethene	20.0	18.9		ug/L		95	62 - 139
trans-1,3-Dichloropropene	20.0	22.1		ug/L		111	67 - 130
trans-1,4-Dichloro-2-butene	40.0	42.4		ug/L		106	70 - 130
Trichloroethene	20.0	20.5		ug/L		103	63 - 139
Trichlorofluoromethane	20.0	21.3		ug/L		106	62 - 146
Vinyl acetate	20.0	21.6		ug/L		108	31 - 146
Vinyl chloride	20.0	20.1		ug/L		101	48 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	100		70 - 130

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52286-B-1 MS

Matrix: Water

Analysis Batch: 133905

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	22.8		ug/L		114	70 - 130
1,1,1-Trichloroethane	0.46	U	20.0	22.4		ug/L		112	63 - 132
1,1,2,2-Tetrachloroethane	0.15	U	20.0	22.5		ug/L		112	70 - 130
1,1,2-Trichloroethane	0.47	U	20.0	22.7		ug/L		114	70 - 130
1,1-Dichloroethane	0.52	U	20.0	21.6		ug/L		108	66 - 130
1,1-Dichloroethene	0.45	U	20.0	19.7		ug/L		98	51 - 150
1,2,3-Trichloropropane	0.18	U	20.0	23.8		ug/L		119	66 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	20.0	22.2		ug/L		111	63 - 130
1,2-Dichlorobenzene	0.44	U	20.0	22.8		ug/L		114	70 - 130
1,2-Dichloroethane	0.57	U	20.0	23.1		ug/L		115	70 - 130
1,2-Dichloropropane	0.52	U	20.0	22.6		ug/L		113	70 - 130
1,4-Dichlorobenzene	1.5		20.0	25.0		ug/L		118	70 - 130
2-Butanone	8.4	U	40.0	40.6		ug/L		101	63 - 140
2-Hexanone	4.4	U	40.0	41.0		ug/L		102	60 - 148
Acetone	9.9	U	40.0	37.2		ug/L		93	62 - 142
Acrylonitrile	1.2	U	40.0	44.4		ug/L		111	59 - 146
Benzene	0.50	U	20.0	22.3		ug/L		111	68 - 134
Bromochloromethane	0.58	U	20.0	21.5		ug/L		108	70 - 130
Bromodichloromethane	0.35	U	20.0	22.8		ug/L		114	70 - 130
Bromoform	0.58	U	20.0	21.2		ug/L		106	65 - 130
Bromomethane	2.5	U	20.0	20.4		ug/L		102	22 - 150
Carbon disulfide	1.0	U	40.0	37.8		ug/L		95	30 - 150
Carbon tetrachloride	0.42	U	20.0	22.3		ug/L		111	61 - 134
Chlorobenzene	0.63	U	20.0	22.1		ug/L		110	70 - 130
Chloroethane	2.5	U	20.0	24.3		ug/L		122	39 - 150
Chloroform	0.90	U	20.0	22.1		ug/L		111	68 - 130
Chloromethane	1.0	U	20.0	22.4		ug/L		112	35 - 150
cis-1,2-Dichloroethene	0.65	U	20.0	21.9		ug/L		109	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	22.5		ug/L		112	70 - 130
Dibromochloromethane	0.34	U	20.0	22.7		ug/L		114	70 - 130
Dibromomethane	0.41	U	20.0	20.8		ug/L		104	70 - 130
Ethylbenzene	0.44	U	20.0	23.8		ug/L		119	70 - 130
Ethylene Dibromide	0.50	U	20.0	22.8		ug/L		114	66 - 130
Methyl isobutyl ketone (MIBK)	3.8	U	40.0	43.8		ug/L		109	64 - 137
Methylene Chloride	4.0	U	20.0	20.1		ug/L		101	57 - 130
Styrene	0.98	U	20.0	24.2		ug/L		121	68 - 131
Tetrachloroethene	0.50	U	20.0	25.2		ug/L		126	50 - 143
Toluene	0.51	U	20.0	21.9		ug/L		109	70 - 131
trans-1,2-Dichloroethene	0.44	U	20.0	21.4		ug/L		107	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	22.3		ug/L		112	67 - 130
trans-1,4-Dichloro-2-butene	2.5	U	40.0	44.9		ug/L		112	70 - 130
Trichloroethene	0.50	U	20.0	22.5		ug/L		112	63 - 139
Trichlorofluoromethane	2.5	U	20.0	25.8		ug/L		129	62 - 146
Vinyl acetate	1.5	U J3	20.0	1.5	U J3	ug/L		0	31 - 146
Vinyl chloride	0.50	U	20.0	22.8		ug/L		114	48 - 147

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52286-B-1 MS

Matrix: Water

Analysis Batch: 133905

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 660-52292-C-1 DU

Matrix: Water

Analysis Batch: 133905

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	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	1.6		1.58		ug/L		2	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
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
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

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52292-C-1 DU

Matrix: Water

Analysis Batch: 133905

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
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	%Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MB 660-133915/6

Matrix: Water

Analysis Batch: 133915

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			01/30/13 08:29	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/30/13 08:29	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/30/13 08:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/30/13 08:29	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/30/13 08:29	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/30/13 08:29	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/30/13 08:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/30/13 08:29	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/30/13 08:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/30/13 08:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/30/13 08:29	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/30/13 08:29	1
2-Butanone	8.4	U	10	8.4	ug/L			01/30/13 08:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/30/13 08:29	1
Acetone	9.9	U	20	9.9	ug/L			01/30/13 08:29	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/30/13 08:29	1
Benzene	0.50	U	1.0	0.50	ug/L			01/30/13 08:29	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/30/13 08:29	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/30/13 08:29	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/30/13 08:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/30/13 08:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/30/13 08:29	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/30/13 08:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/30/13 08:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/30/13 08:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/30/13 08:29	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/30/13 08:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/30/13 08:29	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/30/13 08:29	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/30/13 08:29	1

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: MB 660-133915/6

Matrix: Water

Analysis Batch: 133915

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/30/13 08:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/30/13 08:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/30/13 08:29	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/30/13 08:29	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/30/13 08:29	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/30/13 08:29	1
Styrene	0.98	U	2.0	0.98	ug/L			01/30/13 08:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/30/13 08:29	1
Toluene	0.51	U	1.0	0.51	ug/L			01/30/13 08:29	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/30/13 08:29	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/30/13 08:29	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/30/13 08:29	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/30/13 08:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/30/13 08:29	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/30/13 08:29	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/30/13 08:29	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/30/13 08:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		01/30/13 08:29	1
Dibromofluoromethane	103		70 - 130		01/30/13 08:29	1
Toluene-d8 (Surr)	101		70 - 130		01/30/13 08:29	1

Lab Sample ID: LCS 660-133915/4

Matrix: Water

Analysis Batch: 133915

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	21.4		ug/L		107	70 - 130
1,1,1-Trichloroethane	20.0	20.4		ug/L		102	63 - 132
1,1,2,2-Tetrachloroethane	20.0	21.8		ug/L		109	70 - 130
1,1,2-Trichloroethane	20.0	22.8		ug/L		114	70 - 130
1,1-Dichloroethane	20.0	19.9		ug/L		100	66 - 130
1,1-Dichloroethene	20.0	18.2		ug/L		91	51 - 150
1,2,3-Trichloropropane	20.0	23.3		ug/L		116	66 - 130
1,2-Dibromo-3-Chloropropane	20.0	22.6		ug/L		113	63 - 130
1,2-Dichlorobenzene	20.0	21.7		ug/L		109	70 - 130
1,2-Dichloroethane	20.0	22.1		ug/L		110	70 - 130
1,2-Dichloropropane	20.0	22.2		ug/L		111	70 - 130
1,4-Dichlorobenzene	20.0	21.3		ug/L		107	70 - 130
2-Butanone	40.0	39.7		ug/L		99	63 - 140
2-Hexanone	40.0	46.6		ug/L		116	60 - 148
Acetone	40.0	32.6		ug/L		82	62 - 142
Acrylonitrile	40.0	45.1		ug/L		113	59 - 146
Benzene	20.0	20.7		ug/L		104	68 - 134
Bromochloromethane	20.0	20.4		ug/L		102	70 - 130
Bromodichloromethane	20.0	23.1		ug/L		115	70 - 130
Bromoform	20.0	21.8		ug/L		109	65 - 130

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: LCS 660-133915/4

Matrix: Water

Analysis Batch: 133915

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	20.0	20.0		ug/L		100	22 - 150
Carbon disulfide	40.0	38.0		ug/L		95	30 - 150
Carbon tetrachloride	20.0	20.7		ug/L		104	61 - 134
Chlorobenzene	20.0	21.3		ug/L		106	70 - 130
Chloroethane	20.0	18.2		ug/L		91	39 - 150
Chloroform	20.0	20.6		ug/L		103	68 - 130
Chloromethane	20.0	21.0		ug/L		105	35 - 150
cis-1,2-Dichloroethene	20.0	20.1		ug/L		101	66 - 130
cis-1,3-Dichloropropene	20.0	22.3		ug/L		112	70 - 130
Dibromochloromethane	20.0	23.2		ug/L		116	70 - 130
Dibromomethane	20.0	22.5		ug/L		113	70 - 130
Ethylbenzene	20.0	21.5		ug/L		108	70 - 130
Ethylene Dibromide	20.0	23.1		ug/L		115	66 - 130
Iodomethane	40.0	23.9		ug/L		60	50 - 150
Methyl isobutyl ketone (MIBK)	40.0	45.8		ug/L		115	64 - 137
Methylene Chloride	20.0	19.4		ug/L		97	57 - 130
Styrene	20.0	22.3		ug/L		112	68 - 131
Tetrachloroethene	20.0	22.4		ug/L		112	50 - 143
Toluene	20.0	21.9		ug/L		109	70 - 131
trans-1,2-Dichloroethene	20.0	19.7		ug/L		99	62 - 139
trans-1,3-Dichloropropene	20.0	22.6		ug/L		113	67 - 130
trans-1,4-Dichloro-2-butene	40.0	42.1		ug/L		105	70 - 130
Trichloroethene	20.0	21.7		ug/L		109	63 - 139
Trichlorofluoromethane	20.0	23.4		ug/L		117	62 - 146
Vinyl acetate	20.0	22.1		ug/L		111	31 - 146
Vinyl chloride	20.0	21.0		ug/L		105	48 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 660-52330-1 MS

Matrix: Ground Water

Analysis Batch: 133915

Client Sample ID: MW-18

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		20.0	22.5		ug/L		112	70 - 130
1,1,1-Trichloroethane	0.46		20.0	21.0		ug/L		105	63 - 132
1,1,2,2-Tetrachloroethane	0.15		20.0	23.2		ug/L		116	70 - 130
1,1,2-Trichloroethane	0.47		20.0	24.6		ug/L		123	70 - 130
1,1-Dichloroethane	0.52		20.0	20.4		ug/L		102	66 - 130
1,1-Dichloroethene	0.45		20.0	17.9		ug/L		90	51 - 150
1,2,3-Trichloropropane	0.18		20.0	24.7		ug/L		123	66 - 130
1,2-Dibromo-3-Chloropropane	2.5		20.0	23.2		ug/L		116	63 - 130
1,2-Dichlorobenzene	0.44		20.0	22.8		ug/L		114	70 - 130
1,2-Dichloroethane	0.57		20.0	22.7		ug/L		113	70 - 130
1,2-Dichloropropane	0.52		20.0	23.2		ug/L		116	70 - 130

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52330-1 MS

Matrix: Ground Water

Analysis Batch: 133915

Client Sample ID: MW-18

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.56		20.0	22.5		ug/L		109	70 - 130
2-Butanone	8.4		40.0	42.4		ug/L		106	63 - 140
2-Hexanone	4.4		40.0	44.5		ug/L		111	60 - 148
Acetone	9.9		40.0	36.3		ug/L		91	62 - 142
Acrylonitrile	1.2		40.0	45.0		ug/L		112	59 - 146
Benzene	0.50	U	20.0	21.9		ug/L		109	68 - 134
Bromochloromethane	0.58		20.0	21.7		ug/L		108	70 - 130
Bromodichloromethane	0.35		20.0	23.9		ug/L		119	70 - 130
Bromoform	0.58		20.0	22.1		ug/L		111	65 - 130
Bromomethane	2.5		20.0	16.2		ug/L		81	22 - 150
Carbon disulfide	1.0		40.0	40.1		ug/L		100	30 - 150
Carbon tetrachloride	0.42		20.0	20.6		ug/L		103	61 - 134
Chlorobenzene	0.63		20.0	22.5		ug/L		112	70 - 130
Chloroethane	2.5		20.0	18.1		ug/L		90	39 - 150
Chloroform	0.90		20.0	21.1		ug/L		106	68 - 130
Chloromethane	1.0		20.0	21.9		ug/L		109	35 - 150
cis-1,2-Dichloroethene	0.65		20.0	21.6		ug/L		108	66 - 130
cis-1,3-Dichloropropene	0.14		20.0	23.1		ug/L		115	70 - 130
Dibromochloromethane	0.34		20.0	23.6		ug/L		118	70 - 130
Dibromomethane	0.41		20.0	23.5		ug/L		117	70 - 130
Ethylbenzene	0.44		20.0	22.6		ug/L		113	70 - 130
Ethylene Dibromide	0.50		20.0	24.1		ug/L		121	66 - 130
Iodomethane	2.5		40.0	23.9		ug/L		60	50 - 150
Methyl isobutyl ketone (MIBK)	3.8		40.0	46.2		ug/L		116	64 - 137
Methylene Chloride	4.0	U	20.0	19.8		ug/L		99	57 - 130
Styrene	0.98		20.0	23.7		ug/L		119	68 - 131
Tetrachloroethene	0.50		20.0	24.0		ug/L		120	50 - 143
Toluene	0.51		20.0	22.7		ug/L		113	70 - 131
trans-1,2-Dichloroethene	0.44		20.0	20.0		ug/L		100	62 - 139
trans-1,3-Dichloropropene	0.14		20.0	23.1		ug/L		116	67 - 130
trans-1,4-Dichloro-2-butene	2.5		40.0	41.1		ug/L		103	70 - 130
Trichloroethene	0.50		20.0	22.4		ug/L		112	63 - 139
Trichlorofluoromethane	2.5		20.0	25.2		ug/L		126	62 - 146
Vinyl acetate	1.5		20.0	23.0		ug/L		115	31 - 146
Vinyl chloride	0.50	U	20.0	22.1		ug/L		110	48 - 147

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: 660-52330-2 DU

Matrix: Ground Water

Analysis Batch: 133915

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Benzene	0.50	U	0.50	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52330-2 DU

Matrix: Ground Water

Analysis Batch: 133915

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Vinyl chloride	0.61	I	0.539	I	ug/L		12	30

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

Lab Sample ID: MB 660-133949/6

Matrix: Water

Analysis Batch: 133949

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			01/31/13 07:31	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			01/31/13 07:31	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			01/31/13 07:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/31/13 07:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/31/13 07:31	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			01/31/13 07:31	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			01/31/13 07:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/31/13 07:31	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			01/31/13 07:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/31/13 07:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/31/13 07:31	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			01/31/13 07:31	1
2-Butanone	8.4	U	10	8.4	ug/L			01/31/13 07:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/31/13 07:31	1
Acetone	9.9	U	20	9.9	ug/L			01/31/13 07:31	1
Acrylonitrile	1.2	U	10	1.2	ug/L			01/31/13 07:31	1
Benzene	0.50	U	1.0	0.50	ug/L			01/31/13 07:31	1
Bromochloromethane	0.58	U	1.0	0.58	ug/L			01/31/13 07:31	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			01/31/13 07:31	1
Bromoform	0.58	U	1.0	0.58	ug/L			01/31/13 07:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/31/13 07:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/31/13 07:31	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			01/31/13 07:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/31/13 07:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/31/13 07:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/31/13 07:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/31/13 07:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/31/13 07:31	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/31/13 07:31	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			01/31/13 07:31	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			01/31/13 07:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/31/13 07:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/31/13 07:31	1
Iodomethane	2.5	U	5.0	2.5	ug/L			01/31/13 07:31	1
Methyl isobutyl ketone (MIBK)	3.8	U	10	3.8	ug/L			01/31/13 07:31	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/31/13 07:31	1

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: MB 660-133949/6

Matrix: Water

Analysis Batch: 133949

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.98	U	2.0	0.98	ug/L			01/31/13 07:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/31/13 07:31	1
Toluene	0.51	U	1.0	0.51	ug/L			01/31/13 07:31	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			01/31/13 07:31	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			01/31/13 07:31	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			01/31/13 07:31	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			01/31/13 07:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/31/13 07:31	1
Vinyl acetate	1.5	U	10	1.5	ug/L			01/31/13 07:31	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			01/31/13 07:31	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			01/31/13 07:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		01/31/13 07:31	1
Dibromofluoromethane	103		70 - 130		01/31/13 07:31	1
Toluene-d8 (Surr)	103		70 - 130		01/31/13 07:31	1

Lab Sample ID: LCS 660-133949/4

Matrix: Water

Analysis Batch: 133949

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	21.8		ug/L		109	70 - 130
1,1,1-Trichloroethane	20.0	18.7		ug/L		93	63 - 132
1,1,2,2-Tetrachloroethane	20.0	22.2		ug/L		111	70 - 130
1,1,2-Trichloroethane	20.0	20.7		ug/L		103	70 - 130
1,1-Dichloroethane	20.0	17.5		ug/L		88	66 - 130
1,1-Dichloroethene	20.0	16.1		ug/L		80	51 - 150
1,2,3-Trichloropropane	20.0	21.6		ug/L		108	66 - 130
1,2-Dibromo-3-Chloropropane	20.0	21.3		ug/L		107	63 - 130
1,2-Dichlorobenzene	20.0	22.2		ug/L		111	70 - 130
1,2-Dichloroethane	20.0	19.7		ug/L		99	70 - 130
1,2-Dichloropropane	20.0	20.9		ug/L		105	70 - 130
1,4-Dichlorobenzene	20.0	21.7		ug/L		109	70 - 130
2-Butanone	40.0	35.6		ug/L		89	63 - 140
2-Hexanone	40.0	38.5		ug/L		96	60 - 148
Acetone	40.0	47.8		ug/L		120	62 - 142
Acrylonitrile	40.0	40.7		ug/L		102	59 - 146
Benzene	20.0	18.9		ug/L		94	68 - 134
Bromochloromethane	20.0	19.3		ug/L		96	70 - 130
Bromodichloromethane	20.0	20.0		ug/L		100	70 - 130
Bromoform	20.0	20.7		ug/L		103	65 - 130
Bromomethane	20.0	18.6		ug/L		93	22 - 150
Carbon disulfide	40.0	38.4		ug/L		96	30 - 150
Carbon tetrachloride	20.0	18.5		ug/L		92	61 - 134
Chlorobenzene	20.0	21.4		ug/L		107	70 - 130
Chloroethane	20.0	18.8		ug/L		94	39 - 150
Chloroform	20.0	20.1		ug/L		101	68 - 130

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: LCS 660-133949/4

Matrix: Water

Analysis Batch: 133949

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	18.7		ug/L		93	35 - 150
cis-1,2-Dichloroethene	20.0	17.8		ug/L		89	66 - 130
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	70 - 130
Dibromochloromethane	20.0	19.7		ug/L		99	70 - 130
Dibromomethane	20.0	20.7		ug/L		103	70 - 130
Ethylbenzene	20.0	21.2		ug/L		106	70 - 130
Ethylene Dibromide	20.0	19.2		ug/L		96	66 - 130
Iodomethane	40.0	27.1		ug/L		68	50 - 150
Methyl isobutyl ketone (MIBK)	40.0	35.1		ug/L		88	64 - 137
Methylene Chloride	20.0	17.6		ug/L		88	57 - 130
Styrene	20.0	22.3		ug/L		112	68 - 131
Tetrachloroethene	20.0	22.8		ug/L		114	50 - 143
Toluene	20.0	19.5		ug/L		97	70 - 131
trans-1,2-Dichloroethene	20.0	17.5		ug/L		87	62 - 139
trans-1,3-Dichloropropene	20.0	19.9		ug/L		100	67 - 130
trans-1,4-Dichloro-2-butene	40.0	30.2		ug/L		75	70 - 130
Trichloroethene	20.0	19.7		ug/L		98	63 - 139
Trichlorofluoromethane	20.0	21.3		ug/L		107	62 - 146
Vinyl acetate	20.0	25.7		ug/L		128	31 - 146
Vinyl chloride	20.0	17.2		ug/L		86	48 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: 660-52322-B-2 MS

Matrix: Water

Analysis Batch: 133949

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	22.5		ug/L		113	70 - 130
1,1,1-Trichloroethane	0.46	U	20.0	20.0		ug/L		100	63 - 132
1,1,1,2,2-Tetrachloroethane	0.15	U	20.0	22.8		ug/L		114	70 - 130
1,1,2-Trichloroethane	0.47	U	20.0	21.9		ug/L		110	70 - 130
1,1-Dichloroethane	0.52	U	20.0	19.2		ug/L		96	66 - 130
1,1-Dichloroethene	0.45	U	20.0	17.2		ug/L		86	51 - 150
1,2,3-Trichloropropane	0.18	U	20.0	21.0		ug/L		105	66 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	20.0	20.0		ug/L		100	63 - 130
1,2-Dichlorobenzene	1.6		20.0	24.6		ug/L		115	70 - 130
1,2-Dichloroethane	0.58	I	20.0	21.2		ug/L		103	70 - 130
1,2-Dichloropropane	0.52	U	20.0	19.7		ug/L		98	70 - 130
1,4-Dichlorobenzene	0.52	U	20.0	22.7		ug/L		113	70 - 130
2-Butanone	8.4	U	40.0	36.9		ug/L		92	63 - 140
2-Hexanone	4.4	U	40.0	39.5		ug/L		99	60 - 148
Acetone	9.9	U	40.0	43.8		ug/L		109	62 - 142
Acrylonitrile	1.2	U	40.0	39.8		ug/L		100	59 - 146
Benzene	8.9		20.0	26.8		ug/L		90	68 - 134

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52322-B-2 MS

Matrix: Water

Analysis Batch: 133949

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
Bromochloromethane	0.58	U	20.0	19.0		ug/L		95	70 - 130
Bromodichloromethane	0.35	U	20.0	22.2		ug/L		111	70 - 130
Bromoform	0.58	U	20.0	21.2		ug/L		106	65 - 130
Bromomethane	2.5	U	20.0	15.1		ug/L		76	22 - 150
Carbon disulfide	1.0	U	40.0	38.4		ug/L		96	30 - 150
Carbon tetrachloride	0.42	U	20.0	19.6		ug/L		98	61 - 134
Chlorobenzene	0.67	I	20.0	23.1		ug/L		112	70 - 130
Chloroethane	2.5	U	20.0	21.9		ug/L		109	39 - 150
Chloroform	0.90	U	20.0	21.0		ug/L		105	68 - 130
Chloromethane	1.0	U	20.0	19.2		ug/L		96	35 - 150
cis-1,2-Dichloroethene	0.65	U	20.0	19.3		ug/L		97	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	19.8		ug/L		99	70 - 130
Dibromochloromethane	0.34	U	20.0	21.6		ug/L		108	70 - 130
Dibromomethane	0.41	U	20.0	22.6		ug/L		113	70 - 130
Ethylbenzene	0.44	U	20.0	22.4		ug/L		112	70 - 130
Ethylene Dibromide	0.50	U	20.0	20.5		ug/L		103	66 - 130
Iodomethane	2.5	U J3	40.0	26.0		ug/L		65	50 - 150
Methyl isobutyl ketone (MIBK)	3.8	U	40.0	38.7		ug/L		97	64 - 137
Methylene Chloride	4.0	U	20.0	17.6		ug/L		88	57 - 130
Styrene	0.98	U	20.0	23.0		ug/L		115	68 - 131
Tetrachloroethene	0.50	U	20.0	23.7		ug/L		118	50 - 143
Toluene	0.51	U	20.0	21.4		ug/L		107	70 - 131
trans-1,2-Dichloroethene	0.44	U	20.0	17.9		ug/L		90	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	20.5		ug/L		102	67 - 130
trans-1,4-Dichloro-2-butene	2.5	U	40.0	27.9		ug/L		70	70 - 130
Trichloroethene	0.50	U	20.0	20.4		ug/L		102	63 - 139
Trichlorofluoromethane	2.5	U	20.0	22.7		ug/L		113	62 - 146
Vinyl acetate	1.5	U	20.0	27.7		ug/L		139	31 - 146
Vinyl chloride	0.50	U	20.0	20.7		ug/L		104	48 - 147

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane	105		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 660-52322-C-1 DU

Matrix: Water

Analysis Batch: 133949

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

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52322-C-1 DU

Matrix: Water

Analysis Batch: 133949

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
1,2-Dichlorobenzene	0.49	I	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	3.4		3.74		ug/L		11	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
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	0.91	I	0.598	I J3	ug/L		41	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	114		70 - 130
Toluene-d8 (Surr)	100		70 - 130

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: MB 680-263944/9-A

Matrix: Water

Analysis Batch: 264077

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 263944

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		01/24/13 18:02	01/24/13 22:51	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		01/24/13 18:02	01/24/13 22:51	1
1,2,3-Trichloropropane	0.090	U	0.20	0.090	ug/L		01/24/13 18:02	01/24/13 22:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	114		60 - 144	01/24/13 18:02	01/24/13 22:51	1

Lab Sample ID: LCS 680-263944/10-A

Matrix: Water

Analysis Batch: 264077

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 263944

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.100	0.0937		ug/L		94	66 - 126
1,2-Dibromo-3-Chloropropane	0.100	0.0867		ug/L		87	70 - 148
1,2-Dibromo-3-Chloropropane	0.100	0.0929		ug/L		93	70 - 148
1,2,3-Trichloropropane	0.500	0.502		ug/L		100	51 - 146

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Pentachloroethane	112		60 - 144

Lab Sample ID: LCSD 680-263944/11-A

Matrix: Water

Analysis Batch: 264077

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 263944

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Ethylene Dibromide	0.100	0.0987		ug/L		99	66 - 126	5	30
1,2-Dibromo-3-Chloropropane	0.100	0.0890		ug/L		89	70 - 148	3	30
1,2,3-Trichloropropane	0.500	0.468		ug/L		94	51 - 146	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Pentachloroethane	103		60 - 144

Lab Sample ID: 660-52271-1 MS

Matrix: Water

Analysis Batch: 264077

Client Sample ID: Field Blank

Prep Type: Total/NA

Prep Batch: 263944

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.0021	U	0.0967	0.0901		ug/L		93	66 - 126
1,2-Dibromo-3-Chloropropane	0.0049	U	0.0967	0.0853		ug/L		88	70 - 148
1,2,3-Trichloropropane	0.088	U	0.483	0.490		ug/L		101	51 - 146

Surrogate	MS %Recovery	MS Qualifier	Limits
Pentachloroethane	115		60 - 144

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: MB 680-264679/2-A

Matrix: Water

Analysis Batch: 264758

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 264679

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0022	U	0.020	0.0022	ug/L		01/31/13 17:03	01/31/13 22:34	1
1,2-Dibromo-3-Chloropropane	0.0050	U	0.020	0.0050	ug/L		01/31/13 17:03	01/31/13 22:34	1
1,2,3-Trichloropropane	0.090	U	0.20	0.090	ug/L		01/31/13 17:03	01/31/13 22:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Pentachloroethane	110		60 - 144	01/31/13 17:03	01/31/13 22:34	1
Pentachloroethane	103		60 - 144	01/31/13 17:03	01/31/13 22:34	1

Lab Sample ID: LCS 680-264679/3-A

Matrix: Water

Analysis Batch: 264758

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 264679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.100	0.103		ug/L		103	66 - 126
1,2-Dibromo-3-Chloropropane	0.100	0.0936		ug/L		94	70 - 148
1,2,3-Trichloropropane	0.500	0.541		ug/L		108	51 - 146

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Pentachloroethane	115		60 - 144
Pentachloroethane	114		60 - 144

Lab Sample ID: LCSD 680-264679/4-A

Matrix: Water

Analysis Batch: 264758

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 264679

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	0.100	0.107		ug/L		107	66 - 126	4	30
1,2-Dibromo-3-Chloropropane	0.100	0.0957		ug/L		96	70 - 148	2	30
1,2,3-Trichloropropane	0.500	0.513		ug/L		103	51 - 146	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Pentachloroethane	115		60 - 144
Pentachloroethane	111		60 - 144

Lab Sample ID: 660-52297-1 MS

Matrix: Ground Water

Analysis Batch: 264758

Client Sample ID: MW-17

Prep Type: Total/NA

Prep Batch: 264679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.0023	U	0.114	0.120		ug/L		105	66 - 126
1,2-Dibromo-3-Chloropropane	0.0051	U J3	0.114	0.0606	J3	ug/L		53	70 - 148
1,2,3-Trichloropropane	0.092	U	0.570	0.648		ug/L		114	51 - 146

Surrogate	MS %Recovery	MS Qualifier	Limits
Pentachloroethane	99		60 - 144
Pentachloroethane	169	J1	60 - 144

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52323-1 MS

Matrix: Ground Water

Analysis Batch: 264758

Client Sample ID: MW-10

Prep Type: Total/NA

Prep Batch: 264679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.0022	U	0.104	0.0816		ug/L		79	66 - 126
1,2-Dibromo-3-Chloropropane	0.0050	U	0.104	0.103		ug/L		100	70 - 148
1,2,3-Trichloropropane	0.090	U	0.518	0.626		ug/L		121	51 - 146
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
Pentachloroethane	147	J1	60 - 144						
Pentachloroethane	159	J1	60 - 144						

Lab Sample ID: 680-86886-P-1-A MS

Matrix: Water

Analysis Batch: 264758

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 264679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	0.0022	U	0.101	0.110		ug/L		110	66 - 126
1,2-Dibromo-3-Chloropropane	0.0051	U J3	0.101	0.127		ug/L		126	70 - 148
1,2,3-Trichloropropane	0.092	U	0.504	0.584		ug/L		116	51 - 146
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
Pentachloroethane	145	J1	60 - 144						
Pentachloroethane	337	L J1	60 - 144						

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 680-264525/1-A

Matrix: Water

Analysis Batch: 264773

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 264525

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		01/30/13 15:34	01/31/13 15:24	1
Arsenic	1.3	U	2.5	1.3	ug/L		01/30/13 15:34	01/31/13 15:24	1
Barium	1.3	U	5.0	1.3	ug/L		01/30/13 15:34	01/31/13 15:24	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/30/13 15:34	01/31/13 15:24	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/30/13 15:34	01/31/13 15:24	1
Chromium	2.5	U	5.0	2.5	ug/L		01/30/13 15:34	01/31/13 15:24	1
Cobalt	0.15	U	0.50	0.15	ug/L		01/30/13 15:34	01/31/13 15:24	1
Copper	1.1	U	5.0	1.1	ug/L		01/30/13 15:34	01/31/13 15:24	1
Iron	33	U	100	33	ug/L		01/30/13 15:34	01/31/13 15:24	1
Lead	0.20	U	1.5	0.20	ug/L		01/30/13 15:34	01/31/13 15:24	1
Nickel	2.0	U	5.0	2.0	ug/L		01/30/13 15:34	01/31/13 15:24	1
Selenium	1.0	U	2.5	1.0	ug/L		01/30/13 15:34	01/31/13 15:24	1
Silver	0.25	U	1.0	0.25	ug/L		01/30/13 15:34	01/31/13 15:24	1
Sodium	0.25	U	0.50	0.25	mg/L		01/30/13 15:34	01/31/13 15:24	1
Thallium	0.50	U	1.0	0.50	ug/L		01/30/13 15:34	01/31/13 15:24	1
Vanadium	3.8	U	10	3.8	ug/L		01/30/13 15:34	01/31/13 15:24	1
Zinc	8.3	U	20	8.3	ug/L		01/30/13 15:34	01/31/13 15:24	1

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: LCS 680-264525/2-A

Matrix: Water

Analysis Batch: 264773

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 264525

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	60.4		ug/L		121	75 - 125
Arsenic	100	114		ug/L		114	75 - 125
Barium	100	108		ug/L		108	75 - 125
Beryllium	50.0	55.3		ug/L		111	75 - 125
Cadmium	50.0	55.6		ug/L		111	75 - 125
Chromium	100	110		ug/L		110	75 - 125
Cobalt	50.0	52.5		ug/L		105	75 - 125
Copper	100	111		ug/L		111	75 - 125
Iron	5000	5590		ug/L		112	75 - 125
Lead	50.0	54.0		ug/L		108	75 - 125
Nickel	100	112		ug/L		112	75 - 125
Selenium	100	116		ug/L		116	75 - 125
Silver	50.0	54.9		ug/L		110	75 - 125
Sodium	5.00	5.76		mg/L		115	75 - 125
Thallium	40.0	42.0		ug/L		105	75 - 125
Vanadium	100	106		ug/L		106	75 - 125
Zinc	100	116		ug/L		116	75 - 125

Lab Sample ID: 640-42046-A-13-B MS

Matrix: Water

Analysis Batch: 264773

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 264525

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.3	U	50.0	54.5		ug/L		109	75 - 125
Arsenic	1.3	U	100	103		ug/L		103	75 - 125
Barium	66		100	165		ug/L		98	75 - 125
Beryllium	0.25	U	50.0	50.1		ug/L		100	75 - 125
Cadmium	0.13	I	50.0	50.1		ug/L		100	75 - 125
Chromium	2.5	U	100	97.4		ug/L		97	75 - 125
Cobalt	1.1		50.0	49.8		ug/L		97	75 - 125
Copper	1.1	U	100	98.8		ug/L		99	75 - 125
Iron	1900		5000	6690		ug/L		96	75 - 125
Lead	0.20	U	50.0	50.2		ug/L		100	75 - 125
Nickel	2.0	U	100	99.6		ug/L		100	75 - 125
Selenium	1.0	U	100	102		ug/L		102	75 - 125
Silver	0.25	U	50.0	49.5		ug/L		99	75 - 125
Sodium	11		5.00	15.6		mg/L		94	75 - 125
Thallium	0.72	I	40.0	41.1		ug/L		101	75 - 125
Vanadium	3.8	U	100	95.9		ug/L		96	75 - 125
Zinc	8.3	U	100	112		ug/L		112	75 - 125

Lab Sample ID: 640-42046-A-13-C MSD

Matrix: Water

Analysis Batch: 264773

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 264525

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	56.7		ug/L		113	75 - 125	4	20
Arsenic	1.3	U	100	106		ug/L		106	75 - 125	2	20

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 640-42046-A-13-C MSD

Matrix: Water

Analysis Batch: 264773

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 264525

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	66		100	170		ug/L		103	75 - 125	3	20
Beryllium	0.25	U	50.0	54.6		ug/L		109	75 - 125	9	20
Cadmium	0.13	I	50.0	51.6		ug/L		103	75 - 125	3	20
Chromium	2.5	U	100	99.2		ug/L		99	75 - 125	2	20
Cobalt	1.1		50.0	49.8		ug/L		97	75 - 125	0	20
Copper	1.1	U	100	101		ug/L		101	75 - 125	2	20
Iron	1900		5000	6720		ug/L		96	75 - 125	0	20
Lead	0.20	U	50.0	51.4		ug/L		103	75 - 125	2	20
Nickel	2.0	U	100	102		ug/L		102	75 - 125	2	20
Selenium	1.0	U	100	103		ug/L		103	75 - 125	1	20
Silver	0.25	U	50.0	51.2		ug/L		102	75 - 125	3	20
Sodium	11		5.00	15.7		mg/L		95	75 - 125	0	20
Thallium	0.72	I	40.0	40.5		ug/L		99	75 - 125	2	20
Vanadium	3.8	U	100	98.6		ug/L		99	75 - 125	3	20
Zinc	8.3	U	100	113		ug/L		113	75 - 125	1	20

Lab Sample ID: MB 680-264662/1-A

Matrix: Water

Analysis Batch: 265060

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 264662

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		01/31/13 13:48	02/02/13 01:49	1
Arsenic	1.3	U	2.5	1.3	ug/L		01/31/13 13:48	02/02/13 01:49	1
Barium	1.3	U	5.0	1.3	ug/L		01/31/13 13:48	02/02/13 01:49	1
Beryllium	0.25	U	0.50	0.25	ug/L		01/31/13 13:48	02/02/13 01:49	1
Cadmium	0.095	U	0.50	0.095	ug/L		01/31/13 13:48	02/02/13 01:49	1
Chromium	2.5	U	5.0	2.5	ug/L		01/31/13 13:48	02/02/13 01:49	1
Cobalt	0.15	U	0.50	0.15	ug/L		01/31/13 13:48	02/02/13 01:49	1
Copper	1.1	U	5.0	1.1	ug/L		01/31/13 13:48	02/02/13 01:49	1
Iron	33	U	100	33	ug/L		01/31/13 13:48	02/02/13 01:49	1
Lead	0.20	U	1.5	0.20	ug/L		01/31/13 13:48	02/02/13 01:49	1
Nickel	2.0	U	5.0	2.0	ug/L		01/31/13 13:48	02/02/13 01:49	1
Selenium	1.0	U	2.5	1.0	ug/L		01/31/13 13:48	02/02/13 01:49	1
Silver	0.25	U	1.0	0.25	ug/L		01/31/13 13:48	02/02/13 01:49	1
Sodium	0.25	U	0.50	0.25	mg/L		01/31/13 13:48	02/02/13 01:49	1
Thallium	0.50	U	1.0	0.50	ug/L		01/31/13 13:48	02/02/13 01:49	1
Vanadium	3.8	U	10	3.8	ug/L		01/31/13 13:48	02/02/13 01:49	1
Zinc	8.3	U	20	8.3	ug/L		01/31/13 13:48	02/02/13 01:49	1

Lab Sample ID: LCS 680-264662/2-A

Matrix: Water

Analysis Batch: 265060

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 264662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	54.1		ug/L		108	75 - 125
Arsenic	100	103		ug/L		103	75 - 125
Barium	100	101		ug/L		101	75 - 125
Beryllium	50.0	51.5		ug/L		103	75 - 125
Cadmium	50.0	50.2		ug/L		100	75 - 125

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: LCS 680-264662/2-A

Matrix: Water

Analysis Batch: 265060

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 264662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	100	99.3		ug/L		99	75 - 125
Cobalt	50.0	49.2		ug/L		98	75 - 125
Copper	100	101		ug/L		101	75 - 125
Iron	5000	5010		ug/L		100	75 - 125
Lead	50.0	49.9		ug/L		100	75 - 125
Nickel	100	101		ug/L		101	75 - 125
Selenium	100	100		ug/L		100	75 - 125
Silver	50.0	50.1		ug/L		100	75 - 125
Sodium	5.00	5.09		mg/L		102	75 - 125
Thallium	40.0	38.7		ug/L		97	75 - 125
Vanadium	100	98.1		ug/L		98	75 - 125
Zinc	100	111		ug/L		111	75 - 125

Lab Sample ID: 660-52323-1 MS

Matrix: Ground Water

Analysis Batch: 265060

Client Sample ID: MW-10

Prep Type: Total Recoverable

Prep Batch: 264662

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.3	U	50.0	52.1		ug/L		104	75 - 125
Arsenic	1.6	I	100	103		ug/L		102	75 - 125
Barium	84		100	182		ug/L		98	75 - 125
Beryllium	0.25	U	50.0	51.2		ug/L		102	75 - 125
Cadmium	0.19	I	50.0	50.0		ug/L		100	75 - 125
Chromium	7.9		100	104		ug/L		96	75 - 125
Cobalt	0.50		50.0	48.6		ug/L		96	75 - 125
Copper	1.1	U	100	99.6		ug/L		100	75 - 125
Iron	3700		5000	8570		ug/L		97	75 - 125
Lead	3.0		50.0	51.8		ug/L		98	75 - 125
Nickel	4.2	I	100	103		ug/L		99	75 - 125
Selenium	1.0	U	100	95.2		ug/L		95	75 - 125
Silver	0.25	U	50.0	50.7		ug/L		101	75 - 125
Sodium	5.2		5.00	10.2		mg/L		98	75 - 125
Thallium	0.50	U	40.0	38.3		ug/L		96	75 - 125
Vanadium	3.8	U	100	96.7		ug/L		97	75 - 125
Zinc	8.3	U	100	111		ug/L		111	75 - 125

Lab Sample ID: 660-52323-1 MSD

Matrix: Ground Water

Analysis Batch: 265060

Client Sample ID: MW-10

Prep Type: Total Recoverable

Prep Batch: 264662

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	2.3	U	50.0	53.5		ug/L		107	75 - 125	3	20
Arsenic	1.6	I	100	102		ug/L		100	75 - 125	2	20
Barium	84		100	188		ug/L		104	75 - 125	3	20
Beryllium	0.25	U	50.0	50.6		ug/L		101	75 - 125	1	20
Cadmium	0.19	I	50.0	49.7		ug/L		99	75 - 125	1	20
Chromium	7.9		100	106		ug/L		98	75 - 125	2	20
Cobalt	0.50		50.0	49.0		ug/L		97	75 - 125	1	20
Copper	1.1	U	100	100		ug/L		100	75 - 125	1	20

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: 660-52323-1 MSD

Matrix: Ground Water

Analysis Batch: 265060

Client Sample ID: MW-10

Prep Type: Total Recoverable

Prep Batch: 264662

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Iron	3700		5000	8670		ug/L		99	75 - 125	1	20
Lead	3.0		50.0	52.1		ug/L		98	75 - 125	1	20
Nickel	4.2	I	100	103		ug/L		99	75 - 125	0	20
Selenium	1.0	U	100	96.2		ug/L		96	75 - 125	1	20
Silver	0.25	U	50.0	50.6		ug/L		101	75 - 125	0	20
Sodium	5.2		5.00	10.2		mg/L		100	75 - 125	1	20
Thallium	0.50	U	40.0	38.5		ug/L		96	75 - 125	0	20
Vanadium	3.8	U	100	98.8		ug/L		99	75 - 125	2	20
Zinc	8.3	U	100	114		ug/L		114	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-264040/1-A

Matrix: Water

Analysis Batch: 264215

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 264040

Analyte	MB	MB	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.091	U	0.20	0.091	ug/L		01/25/13 13:25	01/25/13 17:51	1

Lab Sample ID: LCS 680-264040/2-A

Matrix: Water

Analysis Batch: 264215

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 264040

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
							Limits
Mercury	2.50	2.56		ug/L		102	80 - 120

Lab Sample ID: 660-52271-4 MS

Matrix: Ground Water

Analysis Batch: 264215

Client Sample ID: MW-20

Prep Type: Total/NA

Prep Batch: 264040

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	0.091	U	1.00	1.07		ug/L		107	80 - 120

Lab Sample ID: 660-52271-4 MSD

Matrix: Ground Water

Analysis Batch: 264215

Client Sample ID: MW-20

Prep Type: Total/NA

Prep Batch: 264040

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	0.091	U	1.00	1.15		ug/L		115	80 - 120	7	20

Lab Sample ID: MB 680-264354/1-A

Matrix: Water

Analysis Batch: 264526

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 264354

Analyte	MB	MB	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.091	U	0.20	0.091	ug/L		01/29/13 13:23	01/30/13 13:17	1

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: LCS 680-264354/2-A

Matrix: Water

Analysis Batch: 264526

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 264354

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.66		ug/L		106	80 - 120

Lab Sample ID: 680-86842-E-33-B MS

Matrix: Water

Analysis Batch: 264526

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 264354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.091	U	1.00	0.935		ug/L		93	80 - 120

Lab Sample ID: 680-86842-E-33-C MSD

Matrix: Water

Analysis Batch: 264526

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 264354

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	0.953		ug/L		95	80 - 120	2	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-263985/2

Matrix: Water

Analysis Batch: 263985

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			01/24/13 16:30	1

Lab Sample ID: LCS 680-263985/3

Matrix: Water

Analysis Batch: 263985

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	10.1		mg/L		101	90 - 110

Lab Sample ID: LCSD 680-263985/4

Matrix: Water

Analysis Batch: 263985

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	10.1		mg/L		101	90 - 110	0	30

Lab Sample ID: 660-52271-1 MS

Matrix: Water

Analysis Batch: 263985

Client Sample ID: Field Blank

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	0.20	U	10.0	10.2		mg/L		102	90 - 110

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 680-264114/2

Matrix: Water

Analysis Batch: 264114

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			01/25/13 19:38	1

Lab Sample ID: LCS 680-264114/3

Matrix: Water

Analysis Batch: 264114

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	10.2		mg/L		102	90 - 110

Lab Sample ID: LCSD 680-264114/4

Matrix: Water

Analysis Batch: 264114

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	10.2		mg/L		102	90 - 110	0	30

Lab Sample ID: 660-52297-1 MS

Matrix: Ground Water

Analysis Batch: 264114

Client Sample ID: MW-17

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	4.5		10.0	14.8		mg/L		103	90 - 110

Lab Sample ID: 660-52297-1 MSD

Matrix: Ground Water

Analysis Batch: 264114

Client Sample ID: MW-17

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	4.5		10.0	14.9		mg/L		104	90 - 110	1	30

Lab Sample ID: MB 680-264310/9

Matrix: Water

Analysis Batch: 264310

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			01/28/13 16:40	1

Lab Sample ID: LCS 680-264310/10

Matrix: Water

Analysis Batch: 264310

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	9.91		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-264310/11

Matrix: Water

Analysis Batch: 264310

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	9.90		mg/L		99	90 - 110	0	30

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Lab Sample ID: 660-52323-1 MS
Matrix: Ground Water
Analysis Batch: 264310

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	6.7		10.0	16.9		mg/L		102	90 - 110

Lab Sample ID: 660-52323-1 MSD
Matrix: Ground Water
Analysis Batch: 264310

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.7		10.0	17.0		mg/L		103	90 - 110	1	30

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-264718/2
Matrix: Water
Analysis Batch: 264718

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			01/31/13 15:03	1

Lab Sample ID: LCS 680-264718/1
Matrix: Water
Analysis Batch: 264718

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	1.03		mg/L		103	90 - 110

Lab Sample ID: 680-86774-F-1 MS
Matrix: Water
Analysis Batch: 264718

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
Ammonia	0.092	J3	1.00	0.978	J3	mg/L		89	90 - 110

Lab Sample ID: 680-86774-F-1 MSD
Matrix: Water
Analysis Batch: 264718

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
Ammonia	0.092	J3	1.00	0.973	J3	mg/L		88	90 - 110	1	30

Lab Sample ID: 640-41805-C-2 DU
Matrix: Water
Analysis Batch: 264718

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia	0.026	U	0.026	U	mg/L		NC	30

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: MB 680-265191/24

Matrix: Water

Analysis Batch: 265191

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			02/05/13 14:52	1

Lab Sample ID: LCS 680-265191/11

Matrix: Water

Analysis Batch: 265191

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	1.05		mg/L		105	90 - 110

Lab Sample ID: 680-86817-F-1 MS

Matrix: Water

Analysis Batch: 265191

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
Ammonia	0.26	J3	1.00	1.04	J3	mg/L		78	90 - 110

Lab Sample ID: 680-86817-F-1 MSD

Matrix: Water

Analysis Batch: 265191

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
Ammonia	0.26	J3	1.00	1.03	J3	mg/L		77	90 - 110	1	30

Lab Sample ID: 660-52271-4 DU

Matrix: Ground Water

Analysis Batch: 265191

Client Sample ID: MW-20

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia	0.66		0.661		mg/L		0.4	30

Method: 353.2 - Nitrate

Lab Sample ID: MB 660-133756/5

Matrix: Water

Analysis Batch: 133756

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			01/23/13 19:57	1

Lab Sample ID: LCS 660-133756/6

Matrix: Water

Analysis Batch: 133756

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	0.974		mg/L		97	90 - 110
Nitrite as N	0.500	0.502		mg/L		100	90 - 110

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Method: 353.2 - Nitrate (Continued)

Lab Sample ID: 660-52253-A-2 MS

Matrix: Water

Analysis Batch: 133756

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	0.90		1.00	1.97		mg/L		107	90 - 110
Nitrite as N	0.10	U J3	0.500	0.559	J3	mg/L		112	90 - 110

Lab Sample ID: 660-52253-A-2 MSD

Matrix: Water

Analysis Batch: 133756

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	0.90		1.00	1.96		mg/L		106	90 - 110	1	30
Nitrite as N	0.10	U J3	0.500	0.560	J3	mg/L		112	90 - 110	0	30

Lab Sample ID: 660-52297-5 MS

Matrix: Ground Water

Analysis Batch: 133756

Client Sample ID: MW-11

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.47		1.00	1.51		mg/L		105	90 - 110
Nitrite as N	0.10		0.500	0.512		mg/L		102	90 - 110

Lab Sample ID: 660-52297-5 MSD

Matrix: Ground Water

Analysis Batch: 133756

Client Sample ID: MW-11

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	0.47		1.00	1.51		mg/L		105	90 - 110	0	30
Nitrite as N	0.10		0.500	0.513		mg/L		103	90 - 110	0	30

Lab Sample ID: MB 660-133814/5

Matrix: Water

Analysis Batch: 133814

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			01/25/13 11:25	1

Lab Sample ID: LCS 660-133814/6

Matrix: Water

Analysis Batch: 133814

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	0.976		mg/L		98	90 - 110
Nitrite as N	0.500	0.505		mg/L		101	90 - 110

Lab Sample ID: 660-52323-1 MS

Matrix: Ground Water

Analysis Batch: 133814

Client Sample ID: MW-10

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		1.00	0.949		mg/L		95	90 - 110
Nitrite as N	0.10		0.500	0.489	I	mg/L		98	90 - 110

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Method: 353.2 - Nitrate (Continued)

Lab Sample ID: 660-52323-1 MSD

Matrix: Ground Water

Analysis Batch: 133814

Client Sample ID: MW-10

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		1.00	0.912		mg/L		91	90 - 110	4	30
Nitrite as N	0.10		0.500	0.484	I	mg/L		97	90 - 110	1	30

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

Lab Sample ID: MB 660-133857/1

Matrix: Water

Analysis Batch: 133857

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			01/28/13 13:09	1

Lab Sample ID: LCS 660-133857/2

Matrix: Water

Analysis Batch: 133857

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	9960		mg/L		100	80 - 120

Lab Sample ID: 640-41990-A-2 DU

Matrix: Water

Analysis Batch: 133857

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	400		400		mg/L		0	20

Lab Sample ID: MB 660-133892/1

Matrix: Water

Analysis Batch: 133892

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			01/29/13 13:14	1

Lab Sample ID: LCS 660-133892/2

Matrix: Water

Analysis Batch: 133892

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	9960		mg/L		100	80 - 120

Lab Sample ID: 640-41982-B-2 DU

Matrix: Water

Analysis Batch: 133892

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	260		256		mg/L		3	20

TestAmerica Tampa

QC Sample Results

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Lab Sample ID: MB 660-133911/1

Matrix: Water

Analysis Batch: 133911

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	-		01/30/13 10:34	1

Lab Sample ID: LCS 660-133911/2

Matrix: Water

Analysis Batch: 133911

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	9920		mg/L	-	99	80 - 120

Lab Sample ID: 640-42007-G-1 DU

Matrix: Water

Analysis Batch: 133911

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	430		444		mg/L	-	3	20

Lab Sample ID: MB 660-133951/1

Matrix: Water

Analysis Batch: 133951

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	-		01/31/13 11:21	1

Lab Sample ID: LCS 660-133951/2

Matrix: Water

Analysis Batch: 133951

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	9900		mg/L	-	99	80 - 120

Lab Sample ID: 660-52332-F-2 DU

Matrix: Water

Analysis Batch: 133951

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	390		396		mg/L	-	1	20

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

GC/MS VOA

Analysis Batch: 133743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52271-1	Field Blank	Total/NA	Water	8260B	
660-52271-2	MW-3	Total/NA	Ground Water	8260B	
660-52271-3	MW-7	Total/NA	Ground Water	8260B	
660-52271-4	MW-20	Total/NA	Ground Water	8260B	
660-52271-5	MW-21	Total/NA	Ground Water	8260B	
660-52271-6	Trip Blank 01/22/13	Total/NA	Water	8260B	
660-52273-B-5 DU	Duplicate	Total/NA	Water	8260B	
660-52273-B-5 MS	Matrix Spike	Total/NA	Water	8260B	
LCS 660-133743/8	Lab Control Sample	Total/NA	Water	8260B	
MB 660-133743/10	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 133886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52297-1	MW-17	Total/NA	Ground Water	8260B	
660-52297-2	MW-14	Total/NA	Ground Water	8260B	
660-52297-3	MW-13	Total/NA	Ground Water	8260B	
660-52297-4	MW-12	Total/NA	Ground Water	8260B	
660-52297-5	MW-11	Total/NA	Ground Water	8260B	
660-52351-A-1 DU	Duplicate	Total/NA	Water	8260B	
660-52351-B-2 MS	Matrix Spike	Total/NA	Water	8260B	
LCS 660-133886/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-133886/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 133905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52286-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
660-52292-C-1 DU	Duplicate	Total/NA	Water	8260B	
660-52297-1	MW-17	Total/NA	Ground Water	8260B	
660-52297-2	MW-14	Total/NA	Ground Water	8260B	
660-52297-3	MW-13	Total/NA	Ground Water	8260B	
660-52297-4	MW-12	Total/NA	Ground Water	8260B	
660-52297-5	MW-11	Total/NA	Ground Water	8260B	
LCS 660-133905/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-133905/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 133915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52323-3	Trip Blank 01/24/13	Total/NA	Water	8260B	
660-52330-1	MW-18	Total/NA	Ground Water	8260B	
660-52330-1 MS	MW-18	Total/NA	Ground Water	8260B	
660-52330-2	MW-19	Total/NA	Ground Water	8260B	
660-52330-2 DU	MW-19	Total/NA	Ground Water	8260B	
LCS 660-133915/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-133915/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 133949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52322-B-2 MS	Matrix Spike	Total/NA	Water	8260B	
660-52322-C-1 DU	Duplicate	Total/NA	Water	8260B	
660-52323-1	MW-10	Total/NA	Ground Water	8260B	
660-52323-2	MW-15	Total/NA	Ground Water	8260B	

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

GC/MS VOA (Continued)

Analysis Batch: 133949 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 660-133949/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-133949/6	Method Blank	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 263944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52271-1	Field Blank	Total/NA	Water	8011	
660-52271-1 MS	Field Blank	Total/NA	Water	8011	
660-52271-2	MW-3	Total/NA	Ground Water	8011	
660-52271-3	MW-7	Total/NA	Ground Water	8011	
660-52271-4	MW-20	Total/NA	Ground Water	8011	
660-52271-5	MW-21	Total/NA	Ground Water	8011	
LCS 680-263944/10-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 680-263944/11-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 680-263944/9-A	Method Blank	Total/NA	Water	8011	

Analysis Batch: 264077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52271-1	Field Blank	Total/NA	Water	8011	263944
660-52271-1 MS	Field Blank	Total/NA	Water	8011	263944
660-52271-2	MW-3	Total/NA	Ground Water	8011	263944
660-52271-3	MW-7	Total/NA	Ground Water	8011	263944
660-52271-4	MW-20	Total/NA	Ground Water	8011	263944
660-52271-5	MW-21	Total/NA	Ground Water	8011	263944
LCS 680-263944/10-A	Lab Control Sample	Total/NA	Water	8011	263944
LCSD 680-263944/11-A	Lab Control Sample Dup	Total/NA	Water	8011	263944
MB 680-263944/9-A	Method Blank	Total/NA	Water	8011	263944

Prep Batch: 264679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52271-6	Trip Blank 01/22/13	Total/NA	Water	8011	
660-52297-1	MW-17	Total/NA	Ground Water	8011	
660-52297-1 MS	MW-17	Total/NA	Ground Water	8011	
660-52297-2	MW-14	Total/NA	Ground Water	8011	
660-52297-3	MW-13	Total/NA	Ground Water	8011	
660-52297-4	MW-12	Total/NA	Ground Water	8011	
660-52297-5	MW-11	Total/NA	Ground Water	8011	
660-52323-1	MW-10	Total/NA	Ground Water	8011	
660-52323-1 MS	MW-10	Total/NA	Ground Water	8011	
660-52323-2	MW-15	Total/NA	Ground Water	8011	
660-52323-3	Trip Blank 01/24/13	Total/NA	Water	8011	
680-86886-P-1-A MS	Matrix Spike	Total/NA	Water	8011	
LCS 680-264679/3-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 680-264679/4-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 680-264679/2-A	Method Blank	Total/NA	Water	8011	

Analysis Batch: 264758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52271-6	Trip Blank 01/22/13	Total/NA	Water	8011	264679

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

GC Semi VOA (Continued)

Analysis Batch: 264758 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52297-1	MW-17	Total/NA	Ground Water	8011	264679
660-52297-1 MS	MW-17	Total/NA	Ground Water	8011	264679
660-52297-2	MW-14	Total/NA	Ground Water	8011	264679
660-52297-3	MW-13	Total/NA	Ground Water	8011	264679
660-52297-4	MW-12	Total/NA	Ground Water	8011	264679
660-52297-5	MW-11	Total/NA	Ground Water	8011	264679
660-52323-1	MW-10	Total/NA	Ground Water	8011	264679
660-52323-1 MS	MW-10	Total/NA	Ground Water	8011	264679
660-52323-2	MW-15	Total/NA	Ground Water	8011	264679
660-52323-3	Trip Blank 01/24/13	Total/NA	Water	8011	264679
680-86886-P-1-A MS	Matrix Spike	Total/NA	Water	8011	264679
LCS 680-264679/3-A	Lab Control Sample	Total/NA	Water	8011	264679
LCS 680-264679/4-A	Lab Control Sample Dup	Total/NA	Water	8011	264679
MB 680-264679/2-A	Method Blank	Total/NA	Water	8011	264679

Metals

Prep Batch: 264040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52271-1	Field Blank	Total/NA	Water	7470A	
660-52271-2	MW-3	Total/NA	Ground Water	7470A	
660-52271-3	MW-7	Total/NA	Ground Water	7470A	
660-52271-4	MW-20	Total/NA	Ground Water	7470A	
660-52271-4 MS	MW-20	Total/NA	Ground Water	7470A	
660-52271-4 MSD	MW-20	Total/NA	Ground Water	7470A	
660-52271-5	MW-21	Total/NA	Ground Water	7470A	
660-52271-5	MW-21	Dissolved	Ground Water	7470A	
LCS 680-264040/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-264040/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 264215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52271-1	Field Blank	Total/NA	Water	7470A	264040
660-52271-2	MW-3	Total/NA	Ground Water	7470A	264040
660-52271-3	MW-7	Total/NA	Ground Water	7470A	264040
660-52271-4	MW-20	Total/NA	Ground Water	7470A	264040
660-52271-4 MS	MW-20	Total/NA	Ground Water	7470A	264040
660-52271-4 MSD	MW-20	Total/NA	Ground Water	7470A	264040
660-52271-5	MW-21	Total/NA	Ground Water	7470A	264040
660-52271-5	MW-21	Dissolved	Ground Water	7470A	264040
LCS 680-264040/2-A	Lab Control Sample	Total/NA	Water	7470A	264040
MB 680-264040/1-A	Method Blank	Total/NA	Water	7470A	264040

Prep Batch: 264354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52297-1	MW-17	Total/NA	Ground Water	7470A	
660-52297-2	MW-14	Total/NA	Ground Water	7470A	
660-52297-3	MW-13	Total/NA	Ground Water	7470A	
660-52297-4	MW-12	Total/NA	Ground Water	7470A	
660-52297-5	MW-11	Total/NA	Ground Water	7470A	

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Metals (Continued)

Prep Batch: 264354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52323-1	MW-10	Total/NA	Ground Water	7470A	
660-52323-1	MW-10	Dissolved	Ground Water	7470A	
660-52323-2	MW-15	Total/NA	Ground Water	7470A	
680-86842-E-33-B MS	Matrix Spike	Total/NA	Water	7470A	
680-86842-E-33-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
LCS 680-264354/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-264354/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 264525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42046-A-13-B MS	Matrix Spike	Total Recoverable	Water	3005A	
640-42046-A-13-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
660-52271-1	Field Blank	Total Recoverable	Water	3005A	
660-52271-2	MW-3	Total Recoverable	Ground Water	3005A	
660-52271-3	MW-7	Total Recoverable	Ground Water	3005A	
660-52271-4	MW-20	Total Recoverable	Ground Water	3005A	
660-52271-5	MW-21	Total Recoverable	Ground Water	3005A	
660-52271-5	MW-21	Dissolved	Ground Water	3005A	
660-52297-1	MW-17	Total Recoverable	Ground Water	3005A	
LCS 680-264525/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-264525/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 264526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52297-1	MW-17	Total/NA	Ground Water	7470A	264354
660-52297-2	MW-14	Total/NA	Ground Water	7470A	264354
660-52297-3	MW-13	Total/NA	Ground Water	7470A	264354
660-52297-4	MW-12	Total/NA	Ground Water	7470A	264354
660-52297-5	MW-11	Total/NA	Ground Water	7470A	264354
660-52323-1	MW-10	Total/NA	Ground Water	7470A	264354
660-52323-1	MW-10	Dissolved	Ground Water	7470A	264354
660-52323-2	MW-15	Total/NA	Ground Water	7470A	264354
680-86842-E-33-B MS	Matrix Spike	Total/NA	Water	7470A	264354
680-86842-E-33-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	264354
LCS 680-264354/2-A	Lab Control Sample	Total/NA	Water	7470A	264354
MB 680-264354/1-A	Method Blank	Total/NA	Water	7470A	264354

Prep Batch: 264662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52297-2	MW-14	Total Recoverable	Ground Water	3005A	
660-52297-3	MW-13	Total Recoverable	Ground Water	3005A	
660-52297-4	MW-12	Total Recoverable	Ground Water	3005A	
660-52297-5	MW-11	Total Recoverable	Ground Water	3005A	
660-52323-1	MW-10	Total Recoverable	Ground Water	3005A	
660-52323-1	MW-10	Dissolved	Ground Water	3005A	
660-52323-1 MS	MW-10	Total Recoverable	Ground Water	3005A	
660-52323-1 MSD	MW-10	Total Recoverable	Ground Water	3005A	
660-52323-2	MW-15	Total Recoverable	Ground Water	3005A	
LCS 680-264662/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-264662/1-A	Method Blank	Total Recoverable	Water	3005A	

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Metals (Continued)

Analysis Batch: 264773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42046-A-13-B MS	Matrix Spike	Total Recoverable	Water	6020	264525
640-42046-A-13-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020	264525
660-52271-1	Field Blank	Total Recoverable	Water	6020	264525
660-52271-2	MW-3	Total Recoverable	Ground Water	6020	264525
660-52271-3	MW-7	Total Recoverable	Ground Water	6020	264525
660-52271-4	MW-20	Total Recoverable	Ground Water	6020	264525
660-52271-5	MW-21	Total Recoverable	Ground Water	6020	264525
660-52271-5	MW-21	Dissolved	Ground Water	6020	264525
660-52297-1	MW-17	Total Recoverable	Ground Water	6020	264525
LCS 680-264525/2-A	Lab Control Sample	Total Recoverable	Water	6020	264525
MB 680-264525/1-A	Method Blank	Total Recoverable	Water	6020	264525

Analysis Batch: 265060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52297-2	MW-14	Total Recoverable	Ground Water	6020	264662
660-52297-3	MW-13	Total Recoverable	Ground Water	6020	264662
660-52297-4	MW-12	Total Recoverable	Ground Water	6020	264662
660-52297-5	MW-11	Total Recoverable	Ground Water	6020	264662
660-52323-1	MW-10	Total Recoverable	Ground Water	6020	264662
660-52323-1	MW-10	Dissolved	Ground Water	6020	264662
660-52323-1 MS	MW-10	Total Recoverable	Ground Water	6020	264662
660-52323-1 MSD	MW-10	Total Recoverable	Ground Water	6020	264662
660-52323-2	MW-15	Total Recoverable	Ground Water	6020	264662
LCS 680-264662/2-A	Lab Control Sample	Total Recoverable	Water	6020	264662
MB 680-264662/1-A	Method Blank	Total Recoverable	Water	6020	264662

General Chemistry

Analysis Batch: 133756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52253-A-2 MS	Matrix Spike	Total/NA	Water	353.2	
660-52253-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	353.2	
660-52271-1	Field Blank	Total/NA	Water	353.2	
660-52271-2	MW-3	Total/NA	Ground Water	353.2	
660-52271-3	MW-7	Total/NA	Ground Water	353.2	
660-52271-4	MW-20	Total/NA	Ground Water	353.2	
660-52271-5	MW-21	Total/NA	Ground Water	353.2	
660-52297-1	MW-17	Total/NA	Ground Water	353.2	
660-52297-2	MW-14	Total/NA	Ground Water	353.2	
660-52297-3	MW-13	Total/NA	Ground Water	353.2	
660-52297-4	MW-12	Total/NA	Ground Water	353.2	
660-52297-5	MW-11	Total/NA	Ground Water	353.2	
660-52297-5 MS	MW-11	Total/NA	Ground Water	353.2	
660-52297-5 MSD	MW-11	Total/NA	Ground Water	353.2	
LCS 660-133756/6	Lab Control Sample	Total/NA	Water	353.2	
MB 660-133756/5	Method Blank	Total/NA	Water	353.2	

Analysis Batch: 133814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52323-1	MW-10	Total/NA	Ground Water	353.2	

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

General Chemistry (Continued)

Analysis Batch: 133814 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52323-1 MS	MW-10	Total/NA	Ground Water	353.2	
660-52323-1 MSD	MW-10	Total/NA	Ground Water	353.2	
660-52323-2	MW-15	Total/NA	Ground Water	353.2	
LCS 660-133814/6	Lab Control Sample	Total/NA	Water	353.2	
MB 660-133814/5	Method Blank	Total/NA	Water	353.2	

Analysis Batch: 133857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41990-A-2 DU	Duplicate	Total/NA	Water	SM 2540C	
660-52271-4	MW-20	Total/NA	Ground Water	SM 2540C	
LCS 660-133857/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-133857/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 133892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41982-B-2 DU	Duplicate	Total/NA	Water	SM 2540C	
660-52271-1	Field Blank	Total/NA	Water	SM 2540C	
660-52271-2	MW-3	Total/NA	Ground Water	SM 2540C	
660-52271-3	MW-7	Total/NA	Ground Water	SM 2540C	
660-52271-5	MW-21	Total/NA	Ground Water	SM 2540C	
LCS 660-133892/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-133892/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 133911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-42007-G-1 DU	Duplicate	Total/NA	Water	SM 2540C	
660-52297-1	MW-17	Total/NA	Ground Water	SM 2540C	
660-52297-2	MW-14	Total/NA	Ground Water	SM 2540C	
660-52297-3	MW-13	Total/NA	Ground Water	SM 2540C	
660-52297-4	MW-12	Total/NA	Ground Water	SM 2540C	
660-52297-5	MW-11	Total/NA	Ground Water	SM 2540C	
LCS 660-133911/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-133911/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 133951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52323-1	MW-10	Total/NA	Ground Water	SM 2540C	
660-52323-2	MW-15	Total/NA	Ground Water	SM 2540C	
660-52332-F-2 DU	Duplicate	Total/NA	Water	SM 2540C	
LCS 660-133951/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-133951/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 263985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52271-1	Field Blank	Total/NA	Water	300.0	
660-52271-1 MS	Field Blank	Total/NA	Water	300.0	
660-52271-2	MW-3	Total/NA	Ground Water	300.0	
660-52271-3	MW-7	Total/NA	Ground Water	300.0	
660-52271-4	MW-20	Total/NA	Ground Water	300.0	
660-52271-5	MW-21	Total/NA	Ground Water	300.0	
LCS 680-263985/3	Lab Control Sample	Total/NA	Water	300.0	

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

General Chemistry (Continued)

Analysis Batch: 263985 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 680-263985/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-263985/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 264114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52297-1	MW-17	Total/NA	Ground Water	300.0	
660-52297-1 MS	MW-17	Total/NA	Ground Water	300.0	
660-52297-1 MSD	MW-17	Total/NA	Ground Water	300.0	
660-52297-2	MW-14	Total/NA	Ground Water	300.0	
660-52297-3	MW-13	Total/NA	Ground Water	300.0	
660-52297-4	MW-12	Total/NA	Ground Water	300.0	
660-52297-5	MW-11	Total/NA	Ground Water	300.0	
LCS 680-264114/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-264114/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-264114/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 264310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52323-1	MW-10	Total/NA	Ground Water	300.0	
660-52323-1 MS	MW-10	Total/NA	Ground Water	300.0	
660-52323-1 MSD	MW-10	Total/NA	Ground Water	300.0	
660-52323-2	MW-15	Total/NA	Ground Water	300.0	
LCS 680-264310/10	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-264310/11	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-264310/9	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 264718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-41805-C-2 DU	Duplicate	Total/NA	Water	350.1	
660-52271-1	Field Blank	Total/NA	Water	350.1	
660-52271-2	MW-3	Total/NA	Ground Water	350.1	
660-52271-3	MW-7	Total/NA	Ground Water	350.1	
680-86774-F-1 MS	Matrix Spike	Total/NA	Water	350.1	
680-86774-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1	
LCS 680-264718/1	Lab Control Sample	Total/NA	Water	350.1	
MB 680-264718/2	Method Blank	Total/NA	Water	350.1	

Analysis Batch: 265191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52271-4	MW-20	Total/NA	Ground Water	350.1	
660-52271-4 DU	MW-20	Total/NA	Ground Water	350.1	
660-52271-5	MW-21	Total/NA	Ground Water	350.1	
660-52297-1	MW-17	Total/NA	Ground Water	350.1	
660-52297-2	MW-14	Total/NA	Ground Water	350.1	
660-52297-3	MW-13	Total/NA	Ground Water	350.1	
660-52297-4	MW-12	Total/NA	Ground Water	350.1	
660-52297-5	MW-11	Total/NA	Ground Water	350.1	
660-52323-1	MW-10	Total/NA	Ground Water	350.1	
660-52323-2	MW-15	Total/NA	Ground Water	350.1	
680-86817-F-1 MS	Matrix Spike	Total/NA	Water	350.1	
680-86817-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1	

TestAmerica Tampa

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

General Chemistry (Continued)

Analysis Batch: 265191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-265191/11	Lab Control Sample	Total/NA	Water	350.1	
MB 680-265191/24	Method Blank	Total/NA	Water	350.1	

Field Service / Mobile Lab

Analysis Batch: 133869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-52271-2	MW-3	Total/NA	Ground Water	Field Sampling	
660-52271-3	MW-7	Total/NA	Ground Water	Field Sampling	
660-52271-4	MW-20	Total/NA	Ground Water	Field Sampling	
660-52271-5	MW-21	Total/NA	Ground Water	Field Sampling	
660-52297-1	MW-17	Total/NA	Ground Water	Field Sampling	
660-52297-2	MW-14	Total/NA	Ground Water	Field Sampling	
660-52297-3	MW-13	Total/NA	Ground Water	Field Sampling	
660-52297-4	MW-12	Total/NA	Ground Water	Field Sampling	
660-52297-5	MW-11	Total/NA	Ground Water	Field Sampling	
660-52323-1	MW-10	Total/NA	Ground Water	Field Sampling	
660-52323-2	MW-15	Total/NA	Ground Water	Field Sampling	
660-52330-1	MW-18	Total/NA	Ground Water	Field Sampling	
660-52330-2	MW-19	Total/NA	Ground Water	Field Sampling	

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: Field Blank

Date Collected: 01/22/13 08:50

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133743	01/23/13 17:28	KW	TAL TAM
Total/NA	Prep	8011			263944	01/24/13 18:02	JEM	TAL SAV
Total/NA	Analysis	8011		1	264077	01/24/13 23:16	JEM	TAL SAV
Total/NA	Prep	7470A			264040	01/25/13 13:25	UU	TAL SAV
Total/NA	Analysis	7470A		1	264215	01/25/13 18:01	BCB	TAL SAV
Total Recoverable	Prep	3005A			264525	01/30/13 15:34	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	264773	01/31/13 18:44	BR	TAL SAV
Total/NA	Analysis	353.2		1	133756	01/23/13 19:57	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133892	01/29/13 13:14	TO	TAL TAM
Total/NA	Analysis	300.0		1	263985	01/24/13 19:49	PAT	TAL SAV
Total/NA	Analysis	350.1		1	264718	01/31/13 15:03	RW	TAL SAV

Client Sample ID: MW-3

Date Collected: 01/22/13 10:30

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133743	01/23/13 17:50	KW	TAL TAM
Total/NA	Prep	8011			263944	01/24/13 18:02	JEM	TAL SAV
Total/NA	Analysis	8011		1	264077	01/24/13 23:24	JEM	TAL SAV
Total/NA	Prep	7470A			264040	01/25/13 13:25	UU	TAL SAV
Total/NA	Analysis	7470A		1	264215	01/25/13 18:03	BCB	TAL SAV
Total Recoverable	Prep	3005A			264525	01/30/13 15:34	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	264773	01/31/13 18:51	BR	TAL SAV
Total/NA	Analysis	353.2		4	133756	01/23/13 19:57	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133892	01/29/13 13:14	TO	TAL TAM
Total/NA	Analysis	300.0		1	263985	01/24/13 20:13	PAT	TAL SAV
Total/NA	Analysis	350.1		1	264718	01/31/13 15:03	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/22/13 10:30		TAL TAM

Client Sample ID: MW-7

Date Collected: 01/22/13 11:58

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133743	01/23/13 18:12	KW	TAL TAM
Total/NA	Prep	8011			263944	01/24/13 18:02	JEM	TAL SAV
Total/NA	Analysis	8011		1	264077	01/24/13 23:33	JEM	TAL SAV
Total/NA	Prep	7470A			264040	01/25/13 13:25	UU	TAL SAV
Total/NA	Analysis	7470A		1	264215	01/25/13 18:06	BCB	TAL SAV
Total Recoverable	Prep	3005A			264525	01/30/13 15:34	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	264773	01/31/13 18:59	BR	TAL SAV

TestAmerica Tampa

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-7

Lab Sample ID: 660-52271-3

Date Collected: 01/22/13 11:58

Matrix: Ground Water

Date Received: 01/22/13 16:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	353.2		1	133756	01/23/13 19:57	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133892	01/29/13 13:14	TO	TAL TAM
Total/NA	Analysis	300.0		1	263985	01/24/13 20:26	PAT	TAL SAV
Total/NA	Analysis	350.1		1	264718	01/31/13 15:03	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/22/13 11:58		TAL TAM

Client Sample ID: MW-20

Lab Sample ID: 660-52271-4

Date Collected: 01/22/13 13:10

Matrix: Ground Water

Date Received: 01/22/13 16:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133743	01/23/13 18:35	KW	TAL TAM
Total/NA	Prep	8011			263944	01/24/13 18:02	JEM	TAL SAV
Total/NA	Analysis	8011		1	264077	01/24/13 23:41	JEM	TAL SAV
Total/NA	Prep	7470A			264040	01/25/13 13:25	UU	TAL SAV
Total/NA	Analysis	7470A		1	264215	01/25/13 18:08	BCB	TAL SAV
Total Recoverable	Prep	3005A			264525	01/30/13 15:34	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	264773	01/31/13 19:06	BR	TAL SAV
Total/NA	Analysis	353.2		1	133756	01/23/13 19:57	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133857	01/28/13 13:09	TO	TAL TAM
Total/NA	Analysis	300.0		1	263985	01/24/13 20:38	PAT	TAL SAV
Total/NA	Analysis	350.1		1	265191	02/05/13 14:42	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/22/13 13:10		TAL TAM

Client Sample ID: MW-21

Lab Sample ID: 660-52271-5

Date Collected: 01/22/13 16:00

Matrix: Ground Water

Date Received: 01/22/13 16:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133743	01/23/13 18:57	KW	TAL TAM
Total/NA	Prep	8011			263944	01/24/13 18:02	JEM	TAL SAV
Total/NA	Analysis	8011		1	264077	01/24/13 23:49	JEM	TAL SAV
Total/NA	Prep	7470A			264040	01/25/13 13:25	UU	TAL SAV
Total/NA	Analysis	7470A		1	264215	01/25/13 18:15	BCB	TAL SAV
Dissolved	Prep	7470A			264040	01/25/13 13:25	UU	TAL SAV
Dissolved	Analysis	7470A		1	264215	01/25/13 18:18	BCB	TAL SAV
Total Recoverable	Prep	3005A			264525	01/30/13 15:34	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	264773	01/31/13 19:13	BR	TAL SAV
Dissolved	Prep	3005A			264525	01/30/13 15:34	JKL	TAL SAV
Dissolved	Analysis	6020		1	264773	01/31/13 19:21	BR	TAL SAV
Total/NA	Analysis	353.2		1	133756	01/23/13 19:57	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133892	01/29/13 13:14	TO	TAL TAM

TestAmerica Tampa

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-21

Date Collected: 01/22/13 16:00

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-5

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	263985	01/24/13 20:51	PAT	TAL SAV
Total/NA	Analysis	350.1		1	265191	02/05/13 14:42	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/22/13 16:00		TAL TAM

Client Sample ID: Trip Blank 01/22/13

Date Collected: 01/22/13 00:00

Date Received: 01/22/13 16:23

Lab Sample ID: 660-52271-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133743	01/23/13 19:19	KW	TAL TAM
Total/NA	Prep	8011			264679	01/31/13 17:03	JEM	TAL SAV
Total/NA	Analysis	8011		1	264758	01/31/13 23:23	JEM	TAL SAV

Client Sample ID: MW-17

Date Collected: 01/23/13 08:40

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133886	01/29/13 11:47	EC	TAL TAM
Total/NA	Analysis	8260B		1	133905	01/29/13 11:21	EC	TAL TAM
Total/NA	Prep	8011			264679	01/31/13 17:03	JEM	TAL SAV
Total/NA	Analysis	8011		1	264758	01/31/13 23:57	JEM	TAL SAV
Total/NA	Prep	7470A			264354	01/29/13 13:23	UU	TAL SAV
Total/NA	Analysis	7470A		1	264526	01/30/13 13:48	BCB	TAL SAV
Total Recoverable	Prep	3005A			264525	01/30/13 15:34	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	264773	01/31/13 19:28	BR	TAL SAV
Total/NA	Analysis	353.2		1	133756	01/23/13 19:57	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133911	01/30/13 10:34	TO	TAL TAM
Total/NA	Analysis	300.0		1	264114	01/25/13 20:40	PAT	TAL SAV
Total/NA	Analysis	350.1		1	265191	02/05/13 14:42	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/23/13 08:40		TAL TAM

Client Sample ID: MW-14

Date Collected: 01/23/13 10:03

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133886	01/29/13 12:04	EC	TAL TAM
Total/NA	Analysis	8260B		1	133905	01/29/13 11:43	EC	TAL TAM
Total/NA	Prep	8011			264679	01/31/13 17:03	JEM	TAL SAV
Total/NA	Analysis	8011		1	264758	02/01/13 00:05	JEM	TAL SAV
Total/NA	Prep	7470A			264354	01/29/13 13:23	UU	TAL SAV

TestAmerica Tampa

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-14

Date Collected: 01/23/13 10:03

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7470A		1	264526	01/30/13 13:51	BCB	TAL SAV
Total Recoverable	Prep	3005A			264662	01/31/13 13:48	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	265060	02/02/13 02:04	BR	TAL SAV
Total/NA	Analysis	353.2		1	133756	01/23/13 19:57	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133911	01/30/13 10:34	TO	TAL TAM
Total/NA	Analysis	300.0		1	264114	01/25/13 21:17	PAT	TAL SAV
Total/NA	Analysis	350.1		1	265191	02/05/13 14:42	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/23/13 10:03		TAL TAM

Client Sample ID: MW-13

Date Collected: 01/23/13 11:12

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133886	01/29/13 12:21	EC	TAL TAM
Total/NA	Analysis	8260B		1	133905	01/29/13 12:06	EC	TAL TAM
Total/NA	Prep	8011			264679	01/31/13 17:03	JEM	TAL SAV
Total/NA	Analysis	8011		1	264758	02/01/13 00:13	JEM	TAL SAV
Total/NA	Prep	7470A			264354	01/29/13 13:23	UU	TAL SAV
Total/NA	Analysis	7470A		1	264526	01/30/13 13:53	BCB	TAL SAV
Total Recoverable	Prep	3005A			264662	01/31/13 13:48	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	265060	02/02/13 02:11	BR	TAL SAV
Total/NA	Analysis	353.2		1	133756	01/23/13 19:57	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133911	01/30/13 10:34	TO	TAL TAM
Total/NA	Analysis	300.0		1	264114	01/25/13 21:29	PAT	TAL SAV
Total/NA	Analysis	350.1		1	265191	02/05/13 14:42	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/23/13 11:12		TAL TAM

Client Sample ID: MW-12

Date Collected: 01/23/13 13:44

Date Received: 01/23/13 17:20

Lab Sample ID: 660-52297-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133886	01/29/13 12:38	EC	TAL TAM
Total/NA	Analysis	8260B		1	133905	01/29/13 12:28	EC	TAL TAM
Total/NA	Prep	8011			264679	01/31/13 17:03	JEM	TAL SAV
Total/NA	Analysis	8011		1	264758	02/01/13 00:21	JEM	TAL SAV
Total/NA	Prep	7470A			264354	01/29/13 13:23	UU	TAL SAV
Total/NA	Analysis	7470A		1	264526	01/30/13 13:56	BCB	TAL SAV
Total Recoverable	Prep	3005A			264662	01/31/13 13:48	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	265060	02/02/13 02:19	BR	TAL SAV
Total/NA	Analysis	353.2		1	133756	01/23/13 19:57	TO	TAL TAM

TestAmerica Tampa

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-12

Lab Sample ID: 660-52297-4

Date Collected: 01/23/13 13:44

Matrix: Ground Water

Date Received: 01/23/13 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	133911	01/30/13 10:34	TO	TAL TAM
Total/NA	Analysis	300.0		1	264114	01/25/13 21:42	PAT	TAL SAV
Total/NA	Analysis	350.1		1	265191	02/05/13 14:42	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/23/13 13:44		TAL TAM

Client Sample ID: MW-11

Lab Sample ID: 660-52297-5

Date Collected: 01/23/13 14:36

Matrix: Ground Water

Date Received: 01/23/13 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133886	01/29/13 12:55	EC	TAL TAM
Total/NA	Analysis	8260B		1	133905	01/29/13 12:50	EC	TAL TAM
Total/NA	Prep	8011			264679	01/31/13 17:03	JEM	TAL SAV
Total/NA	Analysis	8011		1	264758	02/01/13 00:30	JEM	TAL SAV
Total/NA	Prep	7470A			264354	01/29/13 13:23	UU	TAL SAV
Total/NA	Analysis	7470A		1	264526	01/30/13 13:58	BCB	TAL SAV
Total Recoverable	Prep	3005A			264662	01/31/13 13:48	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	265060	02/02/13 02:26	BR	TAL SAV
Total/NA	Analysis	353.2		1	133756	01/23/13 19:57	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133911	01/30/13 10:34	TO	TAL TAM
Total/NA	Analysis	300.0		1	264114	01/25/13 21:54	PAT	TAL SAV
Total/NA	Analysis	350.1		1	265191	02/05/13 14:52	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/23/13 14:36		TAL TAM

Client Sample ID: MW-10

Lab Sample ID: 660-52323-1

Date Collected: 01/24/13 10:54

Matrix: Ground Water

Date Received: 01/25/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133949	01/31/13 07:56	EC	TAL TAM
Total/NA	Prep	8011			264679	01/31/13 17:03	JEM	TAL SAV
Total/NA	Analysis	8011		1	264758	01/31/13 23:32	JEM	TAL SAV
Total/NA	Prep	7470A			264354	01/29/13 13:23	UU	TAL SAV
Total/NA	Analysis	7470A		1	264526	01/30/13 14:06	BCB	TAL SAV
Dissolved	Prep	7470A			264354	01/29/13 13:23	UU	TAL SAV
Dissolved	Analysis	7470A		1	264526	01/30/13 14:08	BCB	TAL SAV
Total Recoverable	Prep	3005A			264662	01/31/13 13:48	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	265060	02/02/13 02:34	BR	TAL SAV
Dissolved	Prep	3005A			264662	01/31/13 13:48	JKL	TAL SAV
Dissolved	Analysis	6020		1	265060	02/02/13 03:25	BR	TAL SAV
Total/NA	Analysis	353.2		1	133814	01/25/13 11:25	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133951	01/31/13 11:21	TO	TAL TAM

TestAmerica Tampa

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-10

Date Collected: 01/24/13 10:54

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52323-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	264310	01/28/13 18:07	PAT	TAL SAV
Total/NA	Analysis	350.1		1	265191	02/05/13 14:52	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/24/13 10:54		TAL TAM

Client Sample ID: MW-15

Date Collected: 01/24/13 11:48

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52323-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133949	01/31/13 08:12	EC	TAL TAM
Total/NA	Prep	8011			264679	01/31/13 17:03	JEM	TAL SAV
Total/NA	Analysis	8011		1	264758	01/31/13 23:40	JEM	TAL SAV
Total/NA	Prep	7470A			264354	01/29/13 13:23	UU	TAL SAV
Total/NA	Analysis	7470A		1	264526	01/30/13 14:10	BCB	TAL SAV
Total Recoverable	Prep	3005A			264662	01/31/13 13:48	JKL	TAL SAV
Total Recoverable	Analysis	6020		1	265060	02/02/13 03:33	BR	TAL SAV
Total/NA	Analysis	353.2		1	133814	01/25/13 11:25	TO	TAL TAM
Total/NA	Analysis	SM 2540C		1	133951	01/31/13 11:21	TO	TAL TAM
Total/NA	Analysis	300.0		1	264310	01/28/13 18:44	PAT	TAL SAV
Total/NA	Analysis	350.1		1	265191	02/05/13 14:42	RW	TAL SAV
Total/NA	Analysis	Field Sampling		1	133869	01/24/13 11:48		TAL TAM

Client Sample ID: Trip Blank 01/24/13

Date Collected: 01/24/13 00:00

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52323-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133915	01/30/13 13:20	EC	TAL TAM
Total/NA	Prep	8011			264679	01/31/13 17:03	JEM	TAL SAV
Total/NA	Analysis	8011		1	264758	01/31/13 23:48	JEM	TAL SAV

Client Sample ID: MW-18

Date Collected: 01/24/13 09:20

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52330-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133915	01/30/13 09:19	EC	TAL TAM
Total/NA	Analysis	Field Sampling		1	133869	01/24/13 09:20		TAL TAM

TestAmerica Tampa

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

Client Sample ID: MW-19

Date Collected: 01/23/13 16:50

Date Received: 01/25/13 09:00

Lab Sample ID: 660-52330-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	133915	01/30/13 08:57	EC	TAL TAM
Total/NA	Analysis	Field Sampling		1	133869	01/23/13 16:50		TAL TAM

Laboratory References:

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

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

TestAmerica Job ID: 660-52271-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	TAL SAV
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	Nitrate	MCAWW	TAL TAM
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM
Field Sampling	Field Sampling	EPA	TAL TAM

Protocol 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.

Laboratory References:

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

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

TestAmerica Job ID: 660-52271-1

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	02-28-13
A2LA	ISO/IEC 17025		399.01	02-28-13
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	12-31-12
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	02-28-13
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	12-31-12
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	12-31-12
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	01-01-13
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	12-31-12
West Virginia DEP	State Program	3	94	06-30-13

TestAmerica Tampa

Certification Summary

Client: CDM Smith, Inc.
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-52271-1

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

Phone (800) 851-2560 Fax (407) 856-0886

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sample ID	Lab PM	Center/Tracking No(s)	COC No.											
Client Contact: Mr. Aarmond Sonawane		Shawn Victory	Hornby, Jess		660-45765-12679.1											
Company: CDM Smith, Inc.		Phone: 402-399-3348	E-Mail: jess.hornby@testamericainc.com		Page 1 of 2											
Address: 1715 North Westshore Blvd. Suite 875		Due Date Requested:		Analysis Requested												
City: Tampa		TAT Requested (days):														
State, Zip: FL 33607		Purchase Order Requested														
Phone:		PO #:														
Email: sonawane@cdmsmith.com		MO #:														
Project Name: Citrus County Landfill Background Wells		Project #:														
Site: Florida		SSOW#:														
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2 - Nitrate	2540C - Total Dissolved Solids	6020, 7470A	Field Sampling - Field Parameters	8260B - 8260 Appendix I Compounds	350.1 - Ammonia	8011 - Appendix 1	300.0 28D - Chloride	Total Number of containers	Special Instructions/Note:
Field Blank	1-22-13	850	G	Water												
MW-3		1030		Water			X	X	X	X	X	X	X			
MW-7		1158		Water			X	X	X	X	X	X	X			
MW-20		1310		Water			X	X	X	X	X	X	X			
MW-21		1600		Water			X	X	X	X	X	X	X			Field Filtered metals
				Water												
				Water												
				Water												
				Water												
				Water												
				Water												
Possible Hazard Identification		Non-Hazard		Flammable	Skin Irritant	Poison B	Unknown	Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
Deliverable Requested: I, II, III, IV, Other (specify)				Return To Client								Disposal By Lab	Archive For	Months		
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:												
Relinquished by:		Date/Time:	1-22-13	1623	Company:	THORC	Received by:	Shawn Victory	Date/Time:	1/22/13	1623	Company:	HTL			
Relinquished by:		Date/Time:			Company:		Received by:		Date/Time:			Company:				
Custody Seals Intact:		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:												
A Yes A No				4.2°C 407												

TestAmerica Orlando

8010 Sunport Drive Suite 116
Orlando, FL 32809
Phone (800) 851-2560 Fax (407) 856-0886

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Shawn Victory</u>		Lab P.M.: <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@testamerica.com</u>		COC No: <u>680-45785-12679.1</u>	
Company: <u>CDM Smith, Inc.</u>		Due Date Requested:		Analysis Requested		JEP #: <u>1060-52297</u>	
Address: <u>1715 North Westshore Blvd. Suite 875</u>		TAT Requested (days):		Field Sampling - Field Parameters		Page 1 of 2	
City: <u>Tampa</u>		Purchase Order Requested		8260B - 8260 Appendix I Compounds		Page 1 of 2	
State, Zip: <u>FL 33607</u>		PO #:		350.1 - Ammonia		Page 1 of 2	
Phone: <u>7136-79196-TASK1</u>		WO #:		8011 - Appendix 1		Page 1 of 2	
Email: <u>sonawane@cdmsmith.com</u>		Project #:		300.0 28D - Chloride		Page 1 of 2	
Project Name: <u>Citrus County Landfill Background Wells</u>		SSOW#:		Total Number of containers		Page 1 of 2	
Site: <u>Florida</u>				Special Instructions/Note:		Page 1 of 2	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=Soil, O=Organic, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2 - Nitrate	2540C - Total Dissolved Solids	8020, 7470A	Field Sampling - Field Parameters	8260B - 8260 Appendix I Compounds	350.1 - Ammonia	8011 - Appendix 1	300.0 28D - Chloride	Total Number of containers	Special Instructions/Note:
MW-17	1-23-13	840	G	Water			X	X	X	X	X	X	X	X		
MW-14		1003		Water			X	X	X	X	X	X	X	X		
MW-13		1112		Water			X	X	X	X	X	X	X	X		
MW-12		1344		Water			X	X	X	X	X	X	X	X		
MW-11		1436		Water			X	X	X	X	X	X	X	X		
				Water												
				Water												
				Water												
				Water												
				Water												

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	<input type="checkbox"/> Return To Client	<input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by: _____ Date: _____		Method of Shipment: _____	
Relinquished by: <u>Aamod Sonawane</u> Date/Time: <u>1-23-13 1600</u> Company: <u>TAAAC</u>		Received by: <u>Shawn Victory</u> Date/Time: <u>1-23-13 1600</u> Company: <u>CDMSmith</u>	
Relinquished by: <u>David B. Brown</u> Date/Time: <u>1-23-13 1720</u> Company: _____		Received by: <u>David B. Brown</u> Date/Time: <u>1-23-13 1720</u> Company: _____	
Relinquished by: _____ Date/Time: _____ Company: _____		Received by: _____ Date/Time: _____ Company: _____	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: _____	
Cooler Temperature(s) °C and Other Remarks: <u>2.5°C CV-01</u>			

TestAmerica

TESTAMERICA ORLANDO FIELD SAMPLING LOG -
DEP-SOP-001/01- Form FD 9000-24 GROUNDWATER SAMPLING

Meter #'s: M-1 / T-3

PAGE: 1 of 1

SITE NAME: <u>Citrus County Landfill</u>	SITE LOCATION: <u>Lecanto, FL</u>	DATE: <u>1-24-13</u>
WELL NO: <u>MW-10</u>	SAMPLE ID: <u>MW-10</u>	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>3/8</u>	WELL SCREEN INTERVAL DEPTH: <u>120.5</u> feet to <u>105.88</u> feet	STATIC DEPTH TO WATER (feet): <u>105.88</u>	PURGE PUMP TYPE OR BAILER: <u>BP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) <u>14.62</u> = (<u>120.50</u> feet - <u>105.88</u> feet) X <u>.16</u> gallons/foot = <u>2.34</u> 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): 113			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 113			PURGING INITIATED AT: 934		PURGING ENDED AT: 1044		TOTAL VOLUME PURGED (gallons): 5.0		
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR describe	ODOR	ORP
1004	2.34	2.34	.06	106.7	4.21	22.6	45	.58	52.5	cloudy	NO	-
1014	.60	2.94	.06	106.65	4.27	22.6	45	.56	69.6	↓	↓	-
1024	.60	3.54	.06	106.65	4.33	22.6	45	.58	38.3	↓	↓	-
1034	.60	4.14	.06	106.65	4.34	22.6	45	.56	35.1	↓	↓	-
1044	.60	4.74	.06	106.65	4.36	22.6	44	.62	31.2			-

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

SAMPLED BY (PRINT) / AFFILIATION: SHAWN VICTORY/TESTAMERICA				SAMPLER(S) SIGNATURE(S): <u>Shawn Victory</u>				SAMPLING INITIATED AT: <u>1044</u>		SAMPLING ENDED AT: <u>1054</u>	
PUMP OR TUBING DEPTH IN WELL (feet): <u>113</u>				TUBING MATERIAL CODE: <u>PE</u>				FIELD-FILTERED: <u>Y</u> N Filtration Equipment Type: <u>Dispersal</u>		FILTER SIZE: <u>1.0</u> µm	
FIELD DECONTAMINATION: PUMP <u>Y</u> TUBING <u>Y</u> (replaced)				DUPLICATE: <u>Y</u> (N)							
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPL E ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
<u>MW-10</u>	<u>1</u>	<u>PE</u>	<u>1000</u>	<u>UMP</u>	<u>0</u>	<u>4.4</u>	<u>+DS</u>		<u>BP</u>		
	<u>2</u>	<u>PE</u>	<u>250</u>	<u>UMP</u>	<u>0</u>	<u>4.4</u>	<u>Cl, Nitrate</u>				
	<u>2</u>	<u>PE</u>	<u>250</u>	<u>H2SO4</u>	<u>0</u>	<u>2.0</u>	<u>350.1, 352.2</u>				
	<u>2</u>	<u>PE</u>	<u>250</u>	<u>HNO3</u>	<u>0</u>	<u>2.0</u>	<u>6020 7470A</u>				
	<u>3</u>	<u>CG</u>	<u>40</u>	<u>UMP</u>	<u>0</u>	<u>-</u>	<u>6260B</u>				
	<u>3</u>	<u>CG</u>	<u>40</u>	<u>HCl</u>	<u>0</u>	<u>-</u>	<u>8011</u>				

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 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

PAGE: 1 of 1

PURGING DATA

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

REMARKS:

Revision Date: February 12, 2009

Name: Ci Inos County Landfill Date: 1-24-13 Instrument #: M-1/T-3 Make/Model: YSI 550 / Hach 2102P

pH:

	pH Buffer	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)	Temp. (°C)
Initial	7.00	124088	7/2014	734	7.00	YES	ICV	8-1
	4.00	114768	9/2013	735	4.00	↓	ICV	8.1
	10.00							
Post	7.00	124088	7/2014	1500	7.05	NO	CCV	16.5
	4.00	114768	9/2013	1502	4.04	↓	ICV	16.6
	10.00							

CONDUCTIVITY STANDARD:

	Conductivity (uS/cm)	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	100	210472	3/2013	732	98	NO	CCV
	1000						
	10000						
Post	100	210472	3/2013	1504	98	NO	CCV
	1000						
	10000						

DISSOLVED OXYGEN: (Reference Table FS2200-2)*

Temperature Probe Annual Calibration: Date:

NIST Therm. ID#:

	Temp. (°C)	DO* (mg/L)	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	5.79	12.52	727	5.79/12.49	YES	ICV
Post	17.5	9.56	1508	17.5/9.68	NO	CCV

ORP: (Reference Table 6.2 Zobell Solution Values)*

	ORP (milliVolts)*	Element #	Exp. Date	Time	Temp. (°C)	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial								
Post								

TURBIDITY:

	Turbidity (NTU)	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	<0.10	A231	1/2014	730		NO	CCV
	5.80 20	↓	↓	↓	6.01	NO	CCV
	52.0 100	↓	↓	↓	49.6	↓	↓
	170 800				535		
Post	5.80 0.10	A231	1/2014	1512	6.11	NO	CCV
	52.0 20	↓	↓	↓	49.7	↓	↓
	53.0 100				536	↓	
	800						

Acceptance Criteria: 1-10 NTU=10%, 11-40 NTU=8%, 41-100 NTU=6.5%, >100 NTU=5%

Calibrated only in Calibrate Mode

ICV- Initial Calibration Verification (perform only in Run Mode)

CCV- Continuing Calibration Verification (perform only in Run Mode)

Signature: [Signature]

Date: 1/24/13

TestAmerica

660-52330

[illegible]

Meter #'s: M-1 / T-3

PAGE: 1 of 1

PURGING DATA

[illegible]

PURGING EQUIPMENT CODES: B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

[illegible]

REMARKS:

1 cpm $\frac{30}{30}$ 70 psi

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 3)

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

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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, $\pm 0.2\text{ mg/L}$ 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

Meter #'s: M-1 A-3

PAGE: 1 of 1

PURGING DATA

[illegible]

PURGING EQUIPMENT CODES: B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPL E ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-7	1	PE	1000	UNP	0	5.3	TDS	BP	440
↓	2	PE	250	UNP	0	5.3	Cl ⁻ /Nitrate	↓	↓
	2	PE	250	H ₂ SO ₄	0	62.0	350.1, 953.2		
	1	PE	250	HNO ₃	0	62.0	6020, 7470A		
	3	CB	40	UNP	0	—	8260B		
	3	P/E	40	HCl	0	—	8011		

REMARKS:

10pm 35/25 60 psi

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Baller; 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 3)

2. **STABILIZATION CRITERIA:** FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (see Table FS 2200-2):
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

PAGE: 1 of 1

2/6/2013

TESTAMERICA ORLANDO FIELD SAMPLING LOG - DEP-SOP-001/01- Form FD 9000-24 GROUNDWATER SAMPLING

Meter #s: M-1/T-3

PAGE: 1 of 1

SITE NAME: <u>Citrus County Landfill</u>		SITE LOCATION: <u>Lecanto, FL</u>	
WELL NO: <u>MW-21</u>		SAMPLE ID: <u>MW-21</u>	
DATE: <u>1-22-13</u>			

PURGING DATA

WELL DIAMETER (Inches): <u>2</u>	TUBING DIAMETER (Inches): <u>3/8</u>	WELL SCREEN INTERVAL DEPTH: <u>105</u> feet to <u>125</u> feet	STATIC DEPTH TO WATER (feet): <u>108.22</u>	PURGE PUMP TYPE OR BAILER: <u>BP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) <u>17.68</u> = <u>(125.90 - 108.22)</u> feet X <u>.16</u> gallons/foot = <u>2.83</u> 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				

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or g/cm	DISSOLVED OXYGEN (circle units) High or % saturation	TURBIDITY (NTUs)	COLOR describe	ODOR	ORP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>121.5</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>121.5</u>											
				PURGING INITIATED AT: <u>1355</u>		PURGING ENDED AT: <u>1551</u>		TOTAL VOLUME PURGED (gallons): <u>7.2</u>				
1439	2.83	2.83	.06	108.37	4.79	22.9	62	.35	37.7	cloudy	NO	=
1451	.72	3.55	.06	108.37	4.77	22.9	63	.31	36.5			=
1503	.72	4.27	.06	108.37	4.78	22.8	62	.34	52.7			=
1515	.72	4.99	.06	108.37	4.77	22.7	62	.36	38.2			=
1527	.72	5.71	.06	108.37	4.75	22.9	63	.39	23.9			=
1539	.72	6.43	.06	108.37	4.75	22.9	62	.41	22.4			=
1551	.72	7.15	.06	108.37	4.74	23.0	62	.32	21.8			=
Filtered Turbidity									.87			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.66; 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

SAMPLED BY (PRINT) / AFFILIATION: SHAWN VICTORY/TESTAMERICA				SAMPLER(S) SIGNATURE(S): <i>Shawn Victory</i>				SAMPLING INITIATED AT: <u>1551</u>		SAMPLING ENDED AT: <u>1600</u>	
PUMP OR TUBING DEPTH IN WELL (feet): <u>121.5</u>				TUBING MATERIAL CODE: <u>PE</u>		FIELD-FILTERED: <input checked="" type="checkbox"/> N Filtration Equipment Type: <u>3 type</u>		FILTER SIZE: <u>1.2</u> μm			
FIELD DECONTAMINATION: PUMP <u>Y</u> <input checked="" type="checkbox"/> TUBING <u>Y</u> <input checked="" type="checkbox"/> (replaced)				DUPLICATE: <u>Y</u> <input checked="" type="checkbox"/>							
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)		
SAMPL E ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
MW-21	1	PE	1000	UMP	0	4.8	TDS	BP	240		
	2	PE	250	UMP	0	4.8	Cl ⁻ Nitrate				
	2	PE	250	H ₂ SO ₄	0	2.0	350.1, 353.2				
		PE	250	HNO ₃	0	2.0	6020, 7470A				
	3	CB	40	UMP	0	-	6200B		2150		
	3	CB	40	HCl	0	-	6011		2150		

REMARKS: 1 cpm 30/30 60psi

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 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
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SAMPLING DATA

2 cpm $1\frac{1}{2}$ 60 psi

Revision Date: February 12, 2009

TESTAMERICA ORLANDO FIELD SAMPLING LOG -
DEP-SOP-001/01- Form FD 9000-24 GROUNDWATER SAMPLING

Meter #s: M-1 / R-3

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SITE NAME: <u>Citrus County Landfill</u>	SITE LOCATION: <u>Leesville, FL</u>
WELL NO: <u>MW-14</u>	DATE: <u>1-23-13</u>

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>3/8</u>	WELL SCREEN INTERVAL DEPTH: <u>96</u> feet to <u>116</u> feet	STATIC DEPTH TO WATER (feet): <u>102.69</u>	PURGE PUMP TYPE OR BAILER: <u>BP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) <u>10.31</u> = <u>(116.0 - 102.69)</u> feet X <u>.16</u> gallons/foot = <u>1.65</u> 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): <u>115</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>115</u>	PURGING INITIATED AT: <u>912</u>	PURGING ENDED AT: <u>955</u>	TOTAL VOLUME PURGED (gallons): <u>4.0</u>
---	---	----------------------------------	------------------------------	---

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µmhos/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP
930	1.65	1.65	.09	102.70	6.62	21.7	465	.54	24.6	clear	NO	-
935	.45	2.10	.09	102.70	6.65	21.7	467	.49	17.9			-
940	.45	2.55	.09	102.70	6.67	21.7	468	.49	11.5			-
945	.45	3.00	.09	102.70	6.67	21.6	467	.46	8.95			-
950	.45	3.45	.09	102.70	6.85	21.6	467	.44	7.23			-
955	.45	3.90	.09	102.70	6.65	21.6	467	.42	4.18			-

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.18; 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

SAMPLED BY (PRINT) / AFFILIATION: <u>SHAWN VICTORY/TESTAMERICA</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	SAMPLING INITIATED AT: <u>955</u>	SAMPLING ENDED AT: <u>1003</u>
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: <u>PIE</u>	FIELD-FILTERED: Y <u>(N)</u>	FILTER SIZE: <u> </u> µm
FIELD DECONTAMINATION: PUMP Y <u>(N)</u> TUBING Y <u>(N)</u> (replaced)		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)
SAMPL E ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-14	1	PE	1000	UNP	0	6.5	TDS	BP	360
↓	2	PIE	250	UNP	0	6.5	Cl, Nitrate	↓	↓
↓	2	PE	250	H2SO4	0	2.20	350, 353.2	↓	↓
↓		PIE	250	HNO3	0	2.20	6020, 7470 A	↓	↓
↓	3	CG	40	UNP	0	-	8260 B	↓	<150
↓	3	CG	40	HCl	0	-	8011	↓	<150

REMARKS: 2 cpm 15/15 60 psi

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; 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.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
41 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
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PURGING DATA

2/6/2013

Meter #'s: M-1 / T-3

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PURGING DATA									
WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	3/8	WELL SCREEN INTERVAL DEPTH:	90 feet to 110 feet	STATIC DEPTH TO WATER (feet):	97.50	PURGE PUMP TYPE OR BAILER:	BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)									
$12.50 = (110.0 \text{ feet} - 97.50 \text{ feet}) \times 16 \text{ gallons/foot} = 2.00 \text{ gallons}$									
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)									
$\text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$									

[illegible]

SAMPLING DATA									
SAMPLED BY (PRINT) / AFFILIATION: SHAWN VICTORY/TESTAMERICA				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1338		SAMPLING ENDED AT: 1344
PUMP OR TUBING DEPTH IN WELL (feet): 107				TUBING MATERIAL CODE: PE		FIELD FILTERED: Y N Filtration Equipment Type:		FILTER SIZE: ____ μm	
FIELD DECONTAMINATION: PUMP Y (N)				TUBING Y (N) (replaced)			DUPLICATE: Y (N)		
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (m per minute)
SAMPL E ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MU-42	1	PE	1000	UNP	0	6.7	TDS	BP	720
↓	2	PE	250	UNP	0	6.7	Cl, Nitrate	↓	↓
↓	2	PE	250	H ₂ SO ₄	0	2.0	350.1, 353.2	↓	↓
↓	1	PE	250	HNO ₃	0	2.0	6020, 7470A	↓	↓
↓	3	CL	40	UNP	0	-	8260B	↓	150
↓	3	CL	40	HCl	0	-	8011	↓	2150

REMARKS:

20 PM 13/17 60 ps

2 Q PM 7/17 60 PSI

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

MATERIAL CODES:	AG = Amber Glass;	CG = Clear Glass;	PE = Polyethylene;	PP = Polypropylene;	PS = Polystyrene;	PT = Polytetrafluoroethylene;	UV = Ultraviolet Resistant;	W = Water Resistant;	Y = Yellow;
SAMPLING EQUIPMENT CODES:	APP = After Peristaltic Pump;	B = Baller;	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.

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

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TESTAMERICA ORLANDO FIELD SAMPLING LOG -
DEP-SOP-001/01- Form FD 9000-24 GROUNDWATER SAMPLING

Meter #'s: M-1 / T-3

PAGE: 1 of 1

SITE NAME: <u>Citrus County Landfill</u>	SITE LOCATION: <u>Lecanto, FL</u>	DATE: <u>1-24-13</u>
WELL NO: <u>MW-10</u>	SAMPLE ID: <u>MW-10</u>	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>3/8</u>	WELL SCREEN INTERVAL DEPTH: <u>120.5</u> feet to <u>105.88</u> feet	STATIC DEPTH TO WATER (feet): <u>105.88</u>	PURGE PUMP TYPE OR BAILER: <u>BP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) <u>14.62</u> = (<u>120.5</u> feet - <u>105.88</u> feet) X <u>.16</u> gallons/foot = <u>2.34</u> 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): <u>113</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>113</u>	PURGING INITIATED AT: <u>934</u>	PURGING ENDED AT: <u>1044</u>	TOTAL VOLUME PURGED (gallons): <u>5.0</u>
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR describe	ODOR	ORP
1004	2.34	2.34	.06	106.7	4.21	22.6	45	.58	52.5	cloudy	NO	-
1014	.60	2.94	.06	106.65	4.27	22.6	45	.56	69.6	↓	↓	-
1024	.60	3.54	.06	106.65	4.33	22.6	45	.58	38.3	↓	↓	-
1034	.60	4.14	.06	106.65	4.34	22.6	45	.56	35.1	↓	↓	-
1044	.60	4.74	.06	106.65	4.36	22.6	44	.62	31.2	↓	↓	-
Filtered Turbidity 0.29												

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

SAMPLED BY (PRINT) / AFFILIATION: <u>SHAWN VICTORY/TESTAMERICA</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	SAMPLING INITIATED AT: <u>1044</u>	SAMPLING ENDED AT: <u>1054</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>113</u>	TUBING MATERIAL CODE: <u>PE</u>	FIELD-FILTERED: <u>Y</u> N Filtration Equipment Type: <u>Dispersible</u>	FILTER SIZE: <u>1.0</u> μm
FIELD DECONTAMINATION: PUMP <u>Y</u> TUBING <u>Y</u> (replaced)	DUPLICATE: <u>Y</u> (N)		

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			
MW-10	1	PE	1000	UMP	0	4.4	+ DS	BP	240
↓	2	PE	250	UMP	0	4.4			
↓	2	PE	250	H2SO4	0	2.0	350.1, 353.2	↓	↓
↓	2	PE	250	HNO3	0	2.0			
↓	3	CG	40	UMP	0	-	6020 7470A	↓	< 150
↓	3	CG	40	HCl	0	-			

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; 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.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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PURGING DATA

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

REMARKS:

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:** ± 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)

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PURGING DATA

SAMPLING DATA

2/6/2013

Meter #'s: M-1 / T-3

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PURGING DATA

[illegible]

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

[illegible]

1 cdm $\frac{30}{30}$ 70 psi

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
 REPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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)

2/6/2013

Field Calibration Logbook

Name: Citrus County Landfill Date: 1-22-13 Instrument #: M-1/T-3 Make/Model: YSI 556/Hach 2100f

pH:

	pH Buffer	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)	Temp. (°C)
Initial	7.00	124088	7/2014	830	7.02	NO	CCV	19.2
	4.00	114768	9/2013	831	3.95	NO	CCV	19.3
	10.00							
Post	7.00	124088	7/2014	1830	7.15	NO	CCV	20.1
	4.00	114768	9/2013	1831	3.94	NO	CCV	20.1
	10.00							

CONDUCTIVITY STANDARD:

	Conductivity (uS/cm)	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	100	2104072	3/2013	836	100	YES	ICV
	1000						
	10000						
Post	100	2104072	3/2013	427	99	NO	CCV
	1000						
	10000						

DISSOLVED OXYGEN: (Reference Table FS2200-2)*

Temperature Probe Annual Calibration: Date: _____, NIST Therm. ID#: _____

	Temp. (°C)	DO*(mg/L)	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	14.7	10.14	820	14.7 / 10.14	YES	ICV
Post	17.7	9.52	1825	17.7 / 9.37	NO	CCV

ORP: (Reference Table 6.2 Zobell Solution Values)*

	ORP (milliVolts)*	Element #	Exp. Date	Time	Temp. (°C)	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial								
Post								

TURBIDITY:

	Turbidity (NTU)	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	<0.10 5.80	A231	1/2014	820	5.82	NO	CCV
	20 520	↓	↓	↓	51.0	↓	↓
	100 530	↓	↓	↓	527	↓	↓
	800	↓	↓	↓			
Post	<0.10 5.80	A231	1/2014	1820	5.82	NO	CCV
	20 520	↓	↓	↓	51.1	↓	↓
	100 530	↓	↓	↓	526	↓	↓
	800	↓	↓	↓			

Acceptance Criteria: 1-10 NTU=10%, 11-40 NTU=8%, 41-100 NTU=6.5%, >100 NTU=5%

Calibrated only in Calibrate Mode

ICV- Initial Calibration Verification (perform only in Run Mode)

CCV- Continuing Calibration Verification (perform only in Run Mode)

Signature: Shawn HartDate: 1-22-13

Field Calibration Logbook

Name: Citrus County Landfill Date: 1/23/13 Instrument #: M-1/T-2 Make/Model: YSI 584/Hech 2100P

pH:

	pH Buffer	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)	Temp. (°C)
Initial	7.00	124088	7/2014	718	7.00	YES	ICV	8.7
	4.00	114768	9/2013	720	3.99	YES	ICV	8.3
	10.00							
Post	7.00	124088	7/2014	1720	6.84	NO	CCV	19.1
	4.00	114768	9/2013	1721	4.04	✓	✓	19.1
	10.00							

CONDUCTIVITY STANDARD:

	Conductivity (uS/cm)	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	100	210472	3/2013	720	99	NO	CCV
	1000						
	10000						
Post	100	210472	3/2013	1725	98	NO	CCV
	1000						
	10000						

DISSOLVED OXYGEN: (Reference Table FS2200-2)*

Temperature Probe Annual Calibration: Date: , NIST Therm. ID#:

	Temp. (°C)	DO*(mg/L)	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	4.65	12.89	730	4.65/12.91	YES	ICV
Post	5.79	12.52	1730	5.79/12.64	NO	CCV

ORP: (Reference Table 6.2 Zobell Solution Values)*

	ORP (milliVolts)*	Element #	Exp. Date	Time	Temp. (°C)	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial								
Post								

TURBIDITY:

	Turbidity (NTU)	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	<0.10580	A231	1/2014	715	5.82	NO	CCV
	20.520	↓	↓	↓	51.0	✓	✓
	100.530	↓	↓	↓	520		
	800						
Post	<0.10580	A23	1/2014	1727	6.01	NO	CCV
	20.520	↓	↓	↓	49.6	✓	✓
	100.530	↓	↓	↓	535		
	800						

Acceptance Criteria: 1-10 NTU=10%, 11-40 NTU=8%, 41-100 NTU=6.5%, >100 NTU=5%

Calibrated only in Calibrate Mode

ICV- Initial Calibration Verification (perform only in Run Mode)

CCV- Continuing Calibration Verification (perform only in Run Mode)

Signature: Alan VotDate: 1/23/13

Name: C. Hrus County Landfill Date: 1-24-13 Instrument #: M-1/T-3 Make/Model: YSI 558 / 14cm 2100P

pH:

	pH Buffer	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)	Temp. (°C)
Initial	7.00	124088	7/2014	734	7.00	CS	ICV	8.1
	4.00	114768	9/2013	735	4.00	↓	↓	8.1
	10.00							
Post	7.00	124088	7/2014	1500	7.05	NO	CCV	16.5
	4.00	114768	9/2013	1502	4.04	↓	↓	16.6
	10.00							

CONDUCTIVITY STANDARD:

	Conductivity (uS/cm)	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	100	210472	3/2013	732	98	NO	CCV
	1000						
	10000						
Post	100	210472	3/2013	1504	98	NO	CCV
	1000						
	10000						

DISSOLVED OXYGEN: (Reference Table FS2200-2)*

Temperature Probe Annual Calibration: Date:

NIST Therm. ID#:

	Temp. (°C)	DO*(mg/L)	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	5.79	12.52	727	5.79/12.49	CS	ICV
Post	17.5	9.56	1508	17.5/9.68	NO	CCV

ORP: (Reference Table 6.2 Zobell Solution Values)*

	ORP (milliVolts)*	Element #	Exp. Date	Time	Temp. (°C)	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial								
Post								

TURBIDITY:

	Turbidity (NTU)	Element #	Exp. Date	Time	Inst. Response	Calibrated (Y/N)	Type (ICV, CCV)
Initial	<0.10	A231	1/2014	730		NO	CCV
	5.80 20	↓	↓	↓	6.01	↓	↓
	52.0 100				49.6		
	520 800				535		
Post	5.80 0.10	A231	1/2014	1512	6.11	NO	CCV
	52.0 20	↓	↓	↓	49.7	↓	↓
	530 100				530		
	800						

Acceptance Criteria: 1-10 NTU=10%, 11-40 NTU=8%, 41-100 NTU=6.5%, >100 NTU=5%

Calibrated only in Calibrate Mode

ICV- Initial Calibration Verification (perform only in Run Mode)

CCV- Continuing Calibration Verification (perform only in Run Mode)

Signature: [Signature]

Date: 1/24/13

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 660-52271-1

Login Number: 52271

List Source: TestAmerica Tampa

List Number: 1

Creator: McNulty, Carol

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.	False	IDs on Field Blank containers do not match the COC. Logged in per COC.
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	

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 660-52271-1

Login Number: 52271

List Source: TestAmerica Savannah

List Number: 1

List Creation: 01/24/13 08:18 AM

Creator: Conner, Keaton

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?	N/A	
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	

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 660-52271-1

Login Number: 52271

List Number: 2

Creator: Barnett, Eddie T

List Source: TestAmerica Savannah

List Creation: 01/25/13 08:20 AM

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.	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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 660-52271-1

Login Number: 52297

List Source: TestAmerica Tampa

List Number: 1

Creator: Edwards, Erricka

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.	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	

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 660-52271-1

Login Number: 52297

List Source: TestAmerica Savannah

List Number: 1

List Creation: 01/25/13 08:20 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.	True	Container count on the COC does not match what we 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	

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 660-52271-1

Login Number: 52323

List Source: TestAmerica Tampa

List Number: 1

Creator: McNulty, Carol

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	

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 660-52271-1

Login Number: 52323

List Number: 1

Creator: Kicklighter, Marilyn

List Source: TestAmerica Savannah

List Creation: 01/26/13 01:04 PM

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?	N/A	
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	

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 660-52271-1

Login Number: 52330

List Source: TestAmerica Tampa

List Number: 1

Creator: McNulty, Carol

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	