

SCS ENGINEERS

October 5, 2012
File No. 09210021.10

Mr. John Morris, P.G.
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926

Subject: Citrus County Central Landfill
Quarterly and Annual Leachate Sampling – Third Quarter and Annual 2012
Permit No. 21375-008-SO/01

Dear Mr. Morris:

SCS Engineers (SCS) is providing the Third Quarter and Annual Leachate monitoring results on behalf of the Citrus County Solid Waste Management Division (County) for the Central Landfill located in Citrus County, Florida (the site). This report provides copies of the final laboratory reports, field forms, and a CD containing an electronic copy of this report and the electronic data deliverable (EDD) in the “ADaPT” format provided by TestAmerica Laboratories Inc., (TestAmerica).

The leachate influent samples were analyzed in compliance with the permit for the annual parameters listed in Specific Condition Part E.9.a.1 of the permit. The leachate sludge sample was analyzed in compliance with the permit for the annual parameters listed in Specific Condition Part E.9.c. The leachate effluent sample was analyzed in compliance with the permit for the quarterly parameters listed in Specific Condition Part E.9.b.2 (quarterly and annual) of the permit. The resulting data from the quarterly and annual sampling event are included in Attachment 1 and Tables 1 through 6, Attachment 3.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries were outside control limits for methods 8260B and 8270C. The associated Laboratory Control Sample (LCS) recoveries met acceptance criteria; therefore, the results are considered valid and useable for reporting purposes. The samples were flagged with J3.

With the exception of arsenic, sodium, chloride, and total dissolved solids (TDS), the leachate effluent sample complied with the groundwater standards and minimum criteria referenced in Florida Administrative Code (FAC) Chapters 62-520.420 and 62-520.400, respectively. As per Specific Condition Part E.9.b, arsenic, sodium, chloride, and TDS are not required to meet the groundwater standards and minimum criteria at the discharge point; however, they must comply at monitoring well MW-6 (Table 3, Attachment 3).

The leachate influent data and leachate sludge sample data complied with the regulatory standards listed in 40 Code of Federal Regulations (CFR) Part 261.24.

Third Quarter and Annual 2012 leachate quality sampling, physical readings and measurements, and leachate quality analyses were performed by TestAmerica. Field work, sampling methodologies, data evaluation, and data Quality Assurance/Quality Control (QA/QC) were conducted in accordance with FAC Chapter 62-160 Standard Operating Procedures (DEP-SOP-001/01) and the TestAmerica quality manual. Laboratory analyses were performed in accordance with Chapter 62-160, FAC DEP-SOP-001/01. TestAmerica is certified by the Florida Department of Health Environmental Laboratory Certification Program (DoH ELCP).

TestAmerica mobilized to the site on July 18, 2012, to collect leachate samples following the FDEP SOPs as guidance for the collection of these samples. Copies of the laboratory report and field forms are presented in Attachment 1.

Monthly samples of the leachate effluent were analyzed for the parameters listed in Specific Condition Part E.9.b.2 (monthly) of the Permit. The monthly samples were collected by the site and analyzed by their contract laboratory. The analytical laboratory reports from the monthly sampling events for July, August, and September of 2012 are included in Attachment 2 and summarized on Table 2, Attachment 3.

If you have any questions regarding this report, please contact the undersigned at (813) 621-0080.

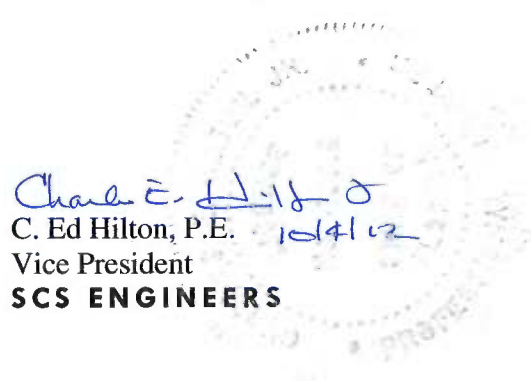
Sincerely,



Ken Guilbeault, LEP
Project Manager
SCS ENGINEERS

KEG/CEH:keg

cc: Casey Stephens – Citrus County
Solid Waste Administrator, FDEP - Tallahassee
Attachments



Charles E. Hilton
C. Ed Hilton, P.E. 10/4/12
Vice President
SCS ENGINEERS

DEP Form #	62-522.900(2)
Form Title	Ground Water Monitoring Report
Effective Date	
DEP Application No.	

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

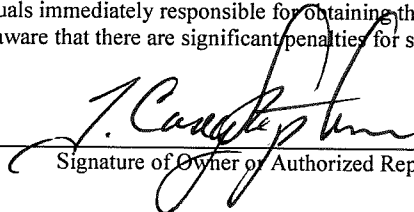
- (1) Facility Name Citrus County Central Landfill
- Address PO BOX 340
- City Lecanto Zip 34460
- Telephone Number (352) 527-7670
- (2) Facility WACS Number SWD/09/39859
- (3) DEP Permit Number 21375-008-SO/01
- (4) Authorized Representative Name Casey Stephens, Director of Solid Waste/Ken Guilbeault, SCS Engineers
- Address PO BOX 340
- City Lecanto Zip 34460
- Telephone Number (352) 527-7670
- (5) Type of Discharge Treated Class 1 Landfill Leachate
- (6) Method of Discharge Groundwater via Percolation

Certification

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

Date:

10/4/12


Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # NA

Analytical Lab Comp QAP # /HRS Certification # NELAP Certifications E84282 and E81005

Lab Name TestAmerica Laboratories, Inc.

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

Phone Number (813) 885-7427

ATTACHMENT 1

LABORATORY ANALYTICAL RESULTS
AND FIELD FORMS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-48951-1

Client Project/Site: Citrus County Landfill
Revision: 1

For:

SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, Florida 33610

Attn: Mr. Ken Guilbeault



Authorized for release by:
8/10/2012 2:13:12 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com

LINKS

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results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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.
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.

GC/MS Semi 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.
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.

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.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

General Chemistry

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

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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
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
RL	Reporting Limit
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: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Job ID: 660-48951-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative 660-48951-1

Comments

No additional comments.

Receipt

The samples were received on 7/18/2012 5:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.5° C and 4.6° C.

GC/MS VOA

Method 8260B: The matrix duplicate %RPD for chloroethane associated with batch 127006 was outside the control limits.

Method 8260B: The matrix spike (MS) recovery for batch 127006 was outside control limits for 2-Hexanone. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: The matrix spike duplicate (MSD) recovery associated with batch 127348 was outside control limits. Matrix interference is suspected. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 8270C: The laboratory control sample (LCS) for batch 127047 exceeded control limits for the following analyte: Hexachlorobutadiene. The data has therefore been qualified and reported.

Method 8270C: The laboratory control sample (LCS) for batch 127062 exceeded control limits for the following analyte: p-Phenylene diamine. The LCS was re-run for verification. p-Phenylene diamine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction was not performed. These results have been reported and qualified.

Method 8270C: The matrix spike (MS) recoveries associated with batch 127062 were outside control limits. Matrix interference is suspected. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC Semi VOA

Method 8011: The matrix spike (MS) recovery for Ethylene Dibromide for batch 126961 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 8141A: The spike solution was inadvertently omitted from the laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) for batch 640-94473. The sample was re-extracted outside of hold time. The sample confirmed original results. We are reporting the original results with both sets of QC.

Method 8141A: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 640-94473 were outside control limits. The percent recoveries were in control. The sample is flagged with J3.

Method 8151A: The matrix spike (MS) recoveries for batch 126977 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. Possibly matrix interference. The sample is flagged with J3.

No other analytical or quality issues were noted.

Metals

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 245005 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria

Method 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 244836 were outside control limits. The

Case Narrative

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Job ID: 660-48951-1 (Continued)

Laboratory: TestAmerica Tampa (Continued)

associated laboratory control sample (LCS) recovery met acceptance criteria

No analytical or quality issues were noted.

General Chemistry

Method 350.1: Due to the high concentration of ammonia, the matrix spike / matrix spike duplicate (MS/MSD) for batch 12838 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria. The sample is flagged with J3.

Method 353.2: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample (LCS) associated with batch 126841. Percent recoveries are based on the amount spiked.

Method 353.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 126841 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method SM 5220D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 127240 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: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 3

Lab Sample ID: 660-48951-1

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	6.60				SU	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-292				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	5.27				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2742				umhos/cm	1		Field Sampling	Total/NA
Temperature	28.6				Degrees C	1		Field Sampling	Total/NA
Turbidity	31.2				NTU	1		Field Sampling	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.1		1.0	0.50	ug/L	1		8260B	Total/NA
Carbon disulfide	2.5		2.0	1.0	ug/L	1		8260B	Total/NA
Chloroethane	3.1	I	5.0	2.5	ug/L	1		8260B	Total/NA
Ethylbenzene	12		1.0	0.44	ug/L	1		8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	11		10	3.8	ug/L	1		8260B	Total/NA
Toluene	63		1.0	0.51	ug/L	1		8260B	Total/NA
Xylenes, Total	11		3.0	0.50	ug/L	1		8260B	Total/NA
Acetone - DL	590		200	99	ug/L	10		8260B	Total/NA
2-Butanone (MEK) - DL	1100		100	84	ug/L	10		8260B	Total/NA

Client Sample ID: Phase 2

Lab Sample ID: 660-48951-2

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	6.62				SU	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-295				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.83				mg/L	1		Field Sampling	Total/NA
Specific Conductance	2820				umhos/cm	1		Field Sampling	Total/NA
Temperature	29.0				Degrees C	1		Field Sampling	Total/NA
Turbidity	48.3				NTU	1		Field Sampling	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14	I	20	9.9	ug/L	1		8260B	Total/NA
Benzene	3.9		1.0	0.50	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	28		10	8.4	ug/L	1		8260B	Total/NA
Chlorobenzene	1.1		1.0	0.63	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.1		1.0	0.65	ug/L	1		8260B	Total/NA
Ethylbenzene	33		1.0	0.44	ug/L	1		8260B	Total/NA
Toluene	29		1.0	0.51	ug/L	1		8260B	Total/NA
Vinyl chloride	2.2		1.0	0.50	ug/L	1		8260B	Total/NA
Xylenes, Total	40		3.0	0.50	ug/L	1		8260B	Total/NA

Client Sample ID: Phase 1/1A

Lab Sample ID: 660-48951-3

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	7.06				SU	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-209				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	0.79				mg/L	1		Field Sampling	Total/NA
Specific Conductance	9819				umhos/cm	1		Field Sampling	Total/NA
Temperature	37.0				Degrees C	1		Field Sampling	Total/NA
Turbidity	6.48				NTU	1		Field Sampling	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10	I	20	9.9	ug/L	1		8260B	Total/NA
Benzene	4.2		1.0	0.50	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.7		1.0	0.65	ug/L	1		8260B	Total/NA
Ethylbenzene	76		1.0	0.44	ug/L	1		8260B	Total/NA
Toluene	27		1.0	0.51	ug/L	1		8260B	Total/NA
Vinyl chloride	0.56	I	1.0	0.50	ug/L	1		8260B	Total/NA

Detection Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 1/1A (Continued)

Lab Sample ID: 660-48951-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	79		3.0	0.50	ug/L	1		8260B	Total/NA

Client Sample ID: Phase 1,2,3, Comp

Lab Sample ID: 660-48951-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetophenone	2.8	I	9.6	1.4	ug/L	1		8270C	Total/NA
1,4-Dichlorobenzene	3.1	I	9.6	1.2	ug/L	1		8270C	Total/NA
Diethyl phthalate	3.5	I	9.6	2.4	ug/L	1		8270C	Total/NA
2,4-Dimethylphenol	2.0	I	9.6	1.7	ug/L	1		8270C	Total/NA
2,6-Dinitrotoluene	3.5	I	9.6	0.69	ug/L	1		8270C	Total/NA
Phenol	21		3.8	2.3	ug/L	1		8270C	Total/NA
3 & 4 Methylphenol - DL	260		38	9.2	ug/L	4		8270C	Total/NA
Antimony	3.0	I	5.0	2.3	ug/L	1		6020A	Total Recoverable
Arsenic	73		2.5	1.3	ug/L	1		6020A	Total Recoverable
Barium	88		5.0	1.3	ug/L	1		6020A	Total Recoverable
Chromium	9.4		5.0	2.5	ug/L	1		6020A	Total Recoverable
Cobalt	8.1		0.50	0.15	ug/L	1		6020A	Total Recoverable
Iron	6400		100	33	ug/L	1		6020A	Total Recoverable
Lead	0.33	I	1.5	0.20	ug/L	1		6020A	Total Recoverable
Nickel	38		5.0	2.0	ug/L	1		6020A	Total Recoverable
Sodium	420		5.0	2.5	mg/L	10		6020A	Total Recoverable
Vanadium	11		10	3.8	ug/L	1		6020A	Total Recoverable
Zinc	17	I	20	8.3	ug/L	1		6020A	Total Recoverable
Chloride	560		50	20	mg/L	100		300.0	Total/NA
Cyanide, Total	0.0091	I	0.010	0.0025	mg/L	1		335.4	Total/NA
Ammonia as N	150	J3	2.4	1.2	mg/L	40		350.1	Total/NA
Nitrate as N	0.18	I	0.50	0.10	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	580		20	10	mg/L	1		SM 5220D	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Alkalinity as CaCO3	1300		1.0	1.0	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1900		50	50	mg/L	1		SM 2540C	Total/NA
Sulfide	3.2		1.0	1.0	mg/L	1		SM 4500 S2 F	Total/NA
Biochemical Oxygen Demand	130		40	40	mg/L	1		SM 5210B	Total/NA

Client Sample ID: Effluent Leachate

Lab Sample ID: 660-48951-5

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	7.21				SU	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-118.0				millivolts	1		Field Sampling	Total/NA
Oxygen, Dissolved	7.34				mg/L	1		Field Sampling	Total/NA
Sheen	No				SU	1		Field Sampling	Total/NA
Specific Conductance	2281				umhos/cm	1		Field Sampling	Total/NA
Temperature	27.2				Degrees C	1		Field Sampling	Total/NA
Turbidity	6.34				NTU	1		Field Sampling	Total/NA

Detection Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Effluent Leachate (Continued)

Lab Sample ID: 660-48951-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	1.6		1.0	0.90	ug/L	1			8260B	Total/NA
Antimony	2.9	I	5.0	2.3	ug/L	1			6020A	Total Recoverable
Arsenic	17		2.5	1.3	ug/L	1			6020A	Total Recoverable
Barium	64		5.0	1.3	ug/L	1			6020A	Total Recoverable
Cobalt	4.5		0.50	0.15	ug/L	1			6020A	Total Recoverable
Chromium	3.7	I	5.0	2.5	ug/L	1			6020A	Total Recoverable
Sodium	260		0.50	0.25	mg/L	1			6020A	Total Recoverable
Copper	5.6		5.0	1.1	ug/L	1			6020A	Total Recoverable
Nickel	21		5.0	2.0	ug/L	1			6020A	Total Recoverable
Iron	260		100	33	ug/L	1			6020A	Total Recoverable
Vanadium	5.5	I	10	3.8	ug/L	1			6020A	Total Recoverable
Zinc	15	I	20	8.3	ug/L	1			6020A	Total Recoverable
Chloride	570		50	20	mg/L	100			300.0	Total/NA
Ammonia as N	0.91		0.060	0.030	mg/L	1			350.1	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
Total Dissolved Solids	1400		50	50	mg/L	1			SM 2540C	Total/NA

Client Sample ID: Leachate Sludge

Lab Sample ID: 660-48951-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	78	I	500	30	ug/L	1			6010B	TCLP
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
pH	7.02		1.00	1.00	SU	1			9045C	Soluble

Client Sample ID: Trip Blank 48951

Lab Sample ID: 660-48951-7

No Detections

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 3

Date Collected: 07/18/12 13:13

Date Received: 07/18/12 17:20

Lab Sample ID: 660-48951-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	20	U	20	20	ug/L			07/24/12 17:40	1
Acrolein	3.8	U	5.0	3.8	ug/L			07/24/12 17:40	1
Acrylonitrile	1.2	U	10	1.2	ug/L			07/24/12 17:40	1
Allyl chloride	2.5	U	5.0	2.5	ug/L			07/24/12 17:40	1
Benzene	3.1		1.0	0.50	ug/L			07/24/12 17:40	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			07/24/12 17:40	1
Bromoform	0.58	U	1.0	0.58	ug/L			07/24/12 17:40	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/24/12 17:40	1
Carbon disulfide	2.5		2.0	1.0	ug/L			07/24/12 17:40	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			07/24/12 17:40	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/24/12 17:40	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/24/12 17:40	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			07/24/12 17:40	1
Chloroethane	3.1	I	5.0	2.5	ug/L			07/24/12 17:40	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/24/12 17:40	1
Chloromethane	1.0	U	4.0	1.0	ug/L			07/24/12 17:40	1
Chloroprene	2.5	U	5.0	2.5	ug/L			07/24/12 17:40	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/24/12 17:40	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 17:40	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			07/24/12 17:40	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 17:40	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			07/24/12 17:40	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/24/12 17:40	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			07/24/12 17:40	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/24/12 17:40	1
1,3-Dichloropropane	0.39	U	1.0	0.39	ug/L			07/24/12 17:40	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			07/24/12 17:40	1
1,1-Dichloropropene	0.31	U	1.0	0.31	ug/L			07/24/12 17:40	1
Ethylbenzene	12		1.0	0.44	ug/L			07/24/12 17:40	1
Ethyl methacrylate	2.5	U	5.0	2.5	ug/L			07/24/12 17:40	1
2-Hexanone	4.4	U	10	4.4	ug/L			07/24/12 17:40	1
Iodomethane	2.5	U	5.0	2.5	ug/L			07/24/12 17:40	1
Isobutyl alcohol	31	U	200	31	ug/L			07/24/12 17:40	1
Methacrylonitrile	1.8	U	10	1.8	ug/L			07/24/12 17:40	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			07/24/12 17:40	1
Methyl methacrylate	2.5	U	5.0	2.5	ug/L			07/24/12 17:40	1
4-Methyl-2-pentanone (MIBK)	11		10	3.8	ug/L			07/24/12 17:40	1
Propionitrile	7.2	U	100	7.2	ug/L			07/24/12 17:40	1
Styrene	0.98	U	2.0	0.98	ug/L			07/24/12 17:40	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/24/12 17:40	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			07/24/12 17:40	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 17:40	1
Toluene	63		1.0	0.51	ug/L			07/24/12 17:40	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			07/25/12 13:50	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			07/24/12 17:40	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 17:40	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			07/24/12 17:40	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/24/12 17:40	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 17:40	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 17:40	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			07/24/12 17:40	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 3

Date Collected: 07/18/12 13:13

Date Received: 07/18/12 17:20

Lab Sample ID: 660-48951-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	1.5	U	10	1.5	ug/L			07/24/12 17:40	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			07/24/12 17:40	1
Xylenes, Total	11		3.0	0.50	ug/L			07/24/12 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		07/24/12 17:40	1
4-Bromofluorobenzene	100		70 - 130		07/25/12 13:50	1
Dibromofluoromethane	99		70 - 130		07/24/12 17:40	1
Dibromofluoromethane	99		70 - 130		07/25/12 13:50	1
Toluene-d8 (Surr)	101		70 - 130		07/24/12 17:40	1
Toluene-d8 (Surr)	98		70 - 130		07/25/12 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	590		200	99	ug/L			07/24/12 19:53	10
2-Butanone (MEK)	1100		100	84	ug/L			07/24/12 19:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		07/24/12 19:53	10
Dibromofluoromethane	100		70 - 130		07/24/12 19:53	10
Toluene-d8 (Surr)	99		70 - 130		07/24/12 19:53	10

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L		07/24/12 14:55	07/24/12 19:50	1
Ethylene Dibromide	0.010	U	0.020	0.010	ug/L		07/24/12 14:55	07/24/12 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	98		60 - 140	07/24/12 14:55	07/24/12 19:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.60				SU			07/18/12 13:13	1
Oxidation Reduction Potential	-292				millivolts			07/18/12 13:13	1
Oxygen, Dissolved	5.27				mg/L			07/18/12 13:13	1
Specific Conductance	2742				umhos/cm			07/18/12 13:13	1
Temperature	28.6				Degrees C			07/18/12 13:13	1
Turbidity	31.2				NTU			07/18/12 13:13	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 2

Lab Sample ID: 660-48951-2

Date Collected: 07/18/12 13:22

Matrix: Water

Date Received: 07/18/12 17:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	14	I	20	9.9	ug/L			07/24/12 18:15	1
Acetonitrile	20	U	20	20	ug/L			07/24/12 18:15	1
Acrolein	3.8	U	5.0	3.8	ug/L			07/24/12 18:15	1
Acrylonitrile	1.2	U	10	1.2	ug/L			07/24/12 18:15	1
Allyl chloride	2.5	U	5.0	2.5	ug/L			07/24/12 18:15	1
Benzene	3.9		1.0	0.50	ug/L			07/24/12 18:15	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			07/24/12 18:15	1
Bromoform	0.58	U	1.0	0.58	ug/L			07/24/12 18:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/24/12 18:15	1
2-Butanone (MEK)	28		10	8.4	ug/L			07/24/12 18:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			07/24/12 18:15	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			07/24/12 18:15	1
Chlorobenzene	1.1		1.0	0.63	ug/L			07/24/12 18:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/24/12 18:15	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			07/24/12 18:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			07/24/12 18:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/24/12 18:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			07/24/12 18:15	1
Chloroprene	2.5	U	5.0	2.5	ug/L			07/24/12 18:15	1
cis-1,2-Dichloroethene	2.1		1.0	0.65	ug/L			07/24/12 18:15	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 18:15	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			07/24/12 18:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 18:15	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			07/24/12 18:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/24/12 18:15	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			07/24/12 18:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/24/12 18:15	1
1,3-Dichloropropane	0.39	U	1.0	0.39	ug/L			07/24/12 18:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			07/24/12 18:15	1
1,1-Dichloropropene	0.31	U	1.0	0.31	ug/L			07/24/12 18:15	1
Ethylbenzene	33		1.0	0.44	ug/L			07/24/12 18:15	1
Ethyl methacrylate	2.5	U	5.0	2.5	ug/L			07/24/12 18:15	1
2-Hexanone	4.4	U J3	10	4.4	ug/L			07/24/12 18:15	1
Iodomethane	2.5	U	5.0	2.5	ug/L			07/24/12 18:15	1
Isobutyl alcohol	31	U	200	31	ug/L			07/24/12 18:15	1
Methacrylonitrile	1.8	U	10	1.8	ug/L			07/24/12 18:15	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			07/24/12 18:15	1
Methyl methacrylate	2.5	U	5.0	2.5	ug/L			07/24/12 18:15	1
4-Methyl-2-pentanone (MIBK)	3.8	U	10	3.8	ug/L			07/24/12 18:15	1
Propionitrile	7.2	U	100	7.2	ug/L			07/24/12 18:15	1
Styrene	0.98	U	2.0	0.98	ug/L			07/24/12 18:15	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/24/12 18:15	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			07/24/12 18:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 18:15	1
Toluene	29		1.0	0.51	ug/L			07/24/12 18:15	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			07/25/12 13:14	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			07/24/12 18:15	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 18:15	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			07/24/12 18:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/24/12 18:15	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 18:15	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 2

Date Collected: 07/18/12 13:22

Date Received: 07/18/12 17:20

Lab Sample ID: 660-48951-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 18:15	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			07/24/12 18:15	1
Vinyl acetate	1.5	U	10	1.5	ug/L			07/24/12 18:15	1
Vinyl chloride	2.2		1.0	0.50	ug/L			07/24/12 18:15	1
Xylenes, Total	40		3.0	0.50	ug/L			07/24/12 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		07/24/12 18:15	1
4-Bromofluorobenzene	100		70 - 130		07/25/12 13:14	1
Dibromofluoromethane	102		70 - 130		07/24/12 18:15	1
Dibromofluoromethane	100		70 - 130		07/25/12 13:14	1
Toluene-d8 (Surr)	101		70 - 130		07/24/12 18:15	1
Toluene-d8 (Surr)	98		70 - 130		07/25/12 13:14	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0099	U	0.020	0.0099	ug/L		07/24/12 14:55	07/24/12 20:07	1
Ethylene Dibromide	0.0099	U J3	0.020	0.0099	ug/L		07/24/12 14:55	07/24/12 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	113		60 - 140	07/24/12 14:55	07/24/12 20:07	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.62				SU			07/18/12 13:22	1
Oxidation Reduction Potential	-295				millivolts			07/18/12 13:22	1
Oxygen, Dissolved	0.83				mg/L			07/18/12 13:22	1
Specific Conductance	2820				umhos/cm			07/18/12 13:22	1
Temperature	29.0				Degrees C			07/18/12 13:22	1
Turbidity	48.3				NTU			07/18/12 13:22	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 1/1A

Lab Sample ID: 660-48951-3

Date Collected: 07/18/12 13:35

Matrix: Water

Date Received: 07/18/12 17:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	I	20	9.9	ug/L			07/24/12 19:06	1
Acetonitrile	20	U	20	20	ug/L			07/24/12 19:06	1
Acrolein	3.8	U	5.0	3.8	ug/L			07/24/12 19:06	1
Acrylonitrile	1.2	U	10	1.2	ug/L			07/24/12 19:06	1
Allyl chloride	2.5	U	5.0	2.5	ug/L			07/24/12 19:06	1
Benzene	4.2		1.0	0.50	ug/L			07/24/12 19:06	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			07/24/12 19:06	1
Bromoform	0.58	U	1.0	0.58	ug/L			07/24/12 19:06	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/24/12 19:06	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/24/12 19:06	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			07/24/12 19:06	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			07/24/12 19:06	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/24/12 19:06	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/24/12 19:06	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			07/24/12 19:06	1
Chloroethane	2.5	U	5.0	2.5	ug/L			07/24/12 19:06	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/24/12 19:06	1
Chloromethane	1.0	U	4.0	1.0	ug/L			07/24/12 19:06	1
Chloroprene	2.5	U	5.0	2.5	ug/L			07/24/12 19:06	1
cis-1,2-Dichloroethene	2.7		1.0	0.65	ug/L			07/24/12 19:06	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 19:06	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			07/24/12 19:06	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 19:06	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			07/24/12 19:06	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/24/12 19:06	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			07/24/12 19:06	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/24/12 19:06	1
1,3-Dichloropropane	0.39	U	1.0	0.39	ug/L			07/24/12 19:06	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			07/24/12 19:06	1
1,1-Dichloropropene	0.31	U	1.0	0.31	ug/L			07/24/12 19:06	1
Ethylbenzene	76		1.0	0.44	ug/L			07/24/12 19:06	1
Ethyl methacrylate	2.5	U	5.0	2.5	ug/L			07/24/12 19:06	1
2-Hexanone	4.4	U	10	4.4	ug/L			07/24/12 19:06	1
Iodomethane	2.5	U	5.0	2.5	ug/L			07/24/12 19:06	1
Isobutyl alcohol	31	U	200	31	ug/L			07/24/12 19:06	1
Methacrylonitrile	1.8	U	10	1.8	ug/L			07/24/12 19:06	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			07/24/12 19:06	1
Methyl methacrylate	2.5	U	5.0	2.5	ug/L			07/24/12 19:06	1
4-Methyl-2-pentanone (MIBK)	3.8	U	10	3.8	ug/L			07/24/12 19:06	1
Propionitrile	7.2	U	100	7.2	ug/L			07/24/12 19:06	1
Styrene	0.98	U	2.0	0.98	ug/L			07/24/12 19:06	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/24/12 19:06	1
1,1,1,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			07/24/12 19:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 19:06	1
Toluene	27		1.0	0.51	ug/L			07/24/12 19:06	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			07/25/12 13:32	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			07/24/12 19:06	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 19:06	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			07/24/12 19:06	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/24/12 19:06	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 19:06	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 1/1A

Lab Sample ID: 660-48951-3

Date Collected: 07/18/12 13:35

Matrix: Water

Date Received: 07/18/12 17:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 19:06	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			07/24/12 19:06	1
Vinyl acetate	1.5	U	10	1.5	ug/L			07/24/12 19:06	1
Vinyl chloride	0.56	I	1.0	0.50	ug/L			07/24/12 19:06	1
Xylenes, Total	79		3.0	0.50	ug/L			07/24/12 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130		07/24/12 19:06	1
4-Bromofluorobenzene	99		70 - 130		07/25/12 13:32	1
Dibromofluoromethane	103		70 - 130		07/24/12 19:06	1
Dibromofluoromethane	100		70 - 130		07/25/12 13:32	1
Toluene-d8 (Surr)	98		70 - 130		07/24/12 19:06	1
Toluene-d8 (Surr)	95		70 - 130		07/25/12 13:32	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0097	U	0.019	0.0097	ug/L		07/24/12 14:55	07/24/12 20:42	1
Ethylene Dibromide	0.0097	U	0.019	0.0097	ug/L		07/24/12 14:55	07/24/12 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	118		60 - 140	07/24/12 14:55	07/24/12 20:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.06				SU			07/18/12 13:35	1
Oxidation Reduction Potential	-209				millivolts			07/18/12 13:35	1
Oxygen, Dissolved	0.79				mg/L			07/18/12 13:35	1
Specific Conductance	9819				umhos/cm			07/18/12 13:35	1
Temperature	37.0				Degrees C			07/18/12 13:35	1
Turbidity	6.48				NTU			07/18/12 13:35	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 1,2,3, Comp

Lab Sample ID: 660-48951-4

Date Collected: 07/18/12 13:50

Matrix: Water

Date Received: 07/18/12 17:20

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	2.8	I	9.6	1.4	ug/L		07/24/12 08:48	07/25/12 16:29	1
2-Acetylaminofluorene	0.74	U	9.6	0.74	ug/L		07/24/12 08:48	07/25/12 16:29	1
4-Aminobiphenyl	0.78	U J3	9.6	0.78	ug/L		07/24/12 08:48	07/25/12 16:29	1
Benzyl alcohol	2.8	U	9.6	2.8	ug/L		07/24/12 08:48	07/25/12 16:29	1
Bis(2-chloroethoxy)methane	1.9	U	9.6	1.9	ug/L		07/24/12 08:48	07/25/12 16:29	1
Bis(2-chloroethyl)ether	2.5	U	9.6	2.5	ug/L		07/24/12 08:48	07/25/12 16:29	1
bis (2-chloroisopropyl) ether	2.0	U	9.6	2.0	ug/L		07/24/12 08:48	07/25/12 16:29	1
Bis(2-ethylhexyl) phthalate	1.3	U	5.8	1.3	ug/L		07/24/12 08:48	07/25/12 16:29	1
4-Bromophenyl phenyl ether	1.6	U	9.6	1.6	ug/L		07/24/12 08:48	07/25/12 16:29	1
Butyl benzyl phthalate	1.2	U	9.6	1.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
4-Chloroaniline	2.0	U	19	2.0	ug/L		07/24/12 08:48	07/25/12 16:29	1
4-Chloro-3-methylphenol	1.6	U	9.6	1.6	ug/L		07/24/12 08:48	07/25/12 16:29	1
2-Chloronaphthalene	1.5	U	9.6	1.5	ug/L		07/24/12 08:48	07/25/12 16:29	1
2-Chlorophenol	2.0	U	9.6	2.0	ug/L		07/24/12 08:48	07/25/12 16:29	1
4-Chlorophenyl phenyl ether	1.7	U	9.6	1.7	ug/L		07/24/12 08:48	07/25/12 16:29	1
Diallate	1.3	U	9.6	1.3	ug/L		07/24/12 08:48	07/25/12 16:29	1
Dibenzofuran	1.5	U	9.6	1.5	ug/L		07/24/12 08:48	07/25/12 16:29	1
1,2-Dichlorobenzene	1.1	U	9.6	1.1	ug/L		07/24/12 08:48	07/25/12 16:29	1
1,3-Dichlorobenzene	1.1	U	9.6	1.1	ug/L		07/24/12 08:48	07/25/12 16:29	1
1,4-Dichlorobenzene	3.1	I	9.6	1.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
3,3'-Dichlorobenzidine	1.5	U J3	19	1.5	ug/L		07/24/12 08:48	07/25/12 16:29	1
2,4-Dichlorophenol	1.7	U	9.6	1.7	ug/L		07/24/12 08:48	07/25/12 16:29	1
2,6-Dichlorophenol	1.5	U	9.6	1.5	ug/L		07/24/12 08:48	07/25/12 16:29	1
Diethyl phthalate	3.5	I	9.6	2.4	ug/L		07/24/12 08:48	07/25/12 16:29	1
7,12-Dimethylbenz(a)anthracene	0.88	U	9.6	0.88	ug/L		07/24/12 08:48	07/25/12 16:29	1
3,3'-Dimethylbenzidine	13	U J3	19	13	ug/L		07/24/12 08:48	07/25/12 16:29	1
2,4-Dimethylphenol	2.0	I	9.6	1.7	ug/L		07/24/12 08:48	07/25/12 16:29	1
Dimethyl phthalate	2.4	U	9.6	2.4	ug/L		07/24/12 08:48	07/25/12 16:29	1
Di-n-butyl phthalate	2.4	U	9.6	2.4	ug/L		07/24/12 08:48	07/25/12 16:29	1
m-Dinitrobenzene	0.95	U	9.6	0.95	ug/L		07/24/12 08:48	07/25/12 16:29	1
4,6-Dinitro-2-methylphenol	1.4	U	48	1.4	ug/L		07/24/12 08:48	07/25/12 16:29	1
2,4-Dinitrophenol	6.0	U	48	6.0	ug/L		07/24/12 08:48	07/25/12 16:29	1
2,4-Dinitrotoluene	0.88	U	9.6	0.88	ug/L		07/24/12 08:48	07/25/12 16:29	1
2,6-Dinitrotoluene	3.5	I	9.6	0.69	ug/L		07/24/12 08:48	07/25/12 16:29	1
Di-n-octyl phthalate	2.4	U	9.6	2.4	ug/L		07/24/12 08:48	07/25/12 16:29	1
Ethyl methanesulfonate	1.3	U	9.6	1.3	ug/L		07/24/12 08:48	07/25/12 16:29	1
Hexachlorobenzene	1.6	U	3.8	1.6	ug/L		07/24/12 08:48	07/25/12 16:29	1
Hexachlorobutadiene	0.96	U J3	9.6	0.96	ug/L		07/24/12 08:48	07/25/12 16:29	1
Hexachlorocyclopentadiene	1.2	U	9.6	1.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
Hexachloroethane	0.82	U	9.6	0.82	ug/L		07/24/12 08:48	07/25/12 16:29	1
Hexachloropropene	0.63	U	9.6	0.63	ug/L		07/24/12 08:48	07/25/12 16:29	1
Isophorone	1.3	U	9.6	1.3	ug/L		07/24/12 08:48	07/25/12 16:29	1
Isosafrole	1.5	U	9.6	1.5	ug/L		07/24/12 08:48	07/25/12 16:29	1
Methapyrilene	1.1	U J3	1900	1.1	ug/L		07/24/12 08:48	07/25/12 16:29	1
3-Methylcholanthrene	0.54	U	9.6	0.54	ug/L		07/24/12 08:48	07/25/12 16:29	1
Methyl methanesulfonate	1.2	U	9.6	1.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
2-Methylphenol	2.2	U	9.6	2.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
1,4-Naphthoquinone	1.1	U	9.6	1.1	ug/L		07/24/12 08:48	07/25/12 16:29	1
1-Naphthylamine	0.81	U J3	9.6	0.81	ug/L		07/24/12 08:48	07/25/12 16:29	1
2-Naphthylamine	0.96	U	9.6	0.96	ug/L		07/24/12 08:48	07/25/12 16:29	1
2-Nitroaniline	1.3	U	48	1.3	ug/L		07/24/12 08:48	07/25/12 16:29	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 1,2,3, Comp

Lab Sample ID: 660-48951-4

Date Collected: 07/18/12 13:50

Matrix: Water

Date Received: 07/18/12 17:20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	1.2	U	48	1.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
4-Nitroaniline	1.3	U	48	1.3	ug/L		07/24/12 08:48	07/25/12 16:29	1
Nitrobenzene	1.8	U	9.6	1.8	ug/L		07/24/12 08:48	07/25/12 16:29	1
2-Nitrophenol	1.2	U	9.6	1.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
4-Nitrophenol	6.0	U J3	48	6.0	ug/L		07/24/12 08:48	07/25/12 16:29	1
N-Nitro-o-toluidine	0.87	U	9.6	0.87	ug/L		07/24/12 08:48	07/25/12 16:29	1
N-Nitrosodiethylamine	1.4	U	9.6	1.4	ug/L		07/24/12 08:48	07/25/12 16:29	1
N-Nitrosodimethylamine	2.3	U	9.6	2.3	ug/L		07/24/12 08:48	07/25/12 16:29	1
N-Nitrosodi-n-butylamine	1.4	U	9.6	1.4	ug/L		07/24/12 08:48	07/25/12 16:29	1
N-Nitrosodi-n-propylamine	1.8	U	9.6	1.8	ug/L		07/24/12 08:48	07/25/12 16:29	1
N-Nitrosodiphenylamine	1.5	U	9.6	1.5	ug/L		07/24/12 08:48	07/25/12 16:29	1
N-Nitrosomethylethylamine	1.5	U	9.6	1.5	ug/L		07/24/12 08:48	07/25/12 16:29	1
N-Nitrosopiperidine	0.84	U	9.6	0.84	ug/L		07/24/12 08:48	07/25/12 16:29	1
N-Nitrosopyrrolidine	1.2	U	9.6	1.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
o,o',o''-Triethylphosphorothioate	1.7	U	9.6	1.7	ug/L		07/24/12 08:48	07/25/12 16:29	1
p-Dimethylamino azobenzene	0.64	U	9.6	0.64	ug/L		07/24/12 08:48	07/25/12 16:29	1
Pentachlorobenzene	0.95	U	9.6	0.95	ug/L		07/24/12 08:48	07/25/12 16:29	1
Pentachloronitrobenzene	1.4	U	9.6	1.4	ug/L		07/24/12 08:48	07/25/12 16:29	1
Pentachlorophenol	1.4	U	14	1.4	ug/L		07/24/12 08:48	07/25/12 16:29	1
Phenacetin	0.81	U	9.6	0.81	ug/L		07/24/12 08:48	07/25/12 16:29	1
Phenol	21		3.8	2.3	ug/L		07/24/12 08:48	07/25/12 16:29	1
p-Phenylene diamine	3.0	U J3	1900	3.0	ug/L		07/24/12 08:48	07/25/12 16:29	1
Pronamide	0.67	U	9.6	0.67	ug/L		07/24/12 08:48	07/25/12 16:29	1
Safrole, Total	1.2	U	9.6	1.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
1,2,4,5-Tetrachlorobenzene	1.1	U	9.6	1.1	ug/L		07/24/12 08:48	07/25/12 16:29	1
2,3,4,6-Tetrachlorophenol	0.63	U	9.6	0.63	ug/L		07/24/12 08:48	07/25/12 16:29	1
2-Toluidine	1.2	U	9.6	1.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
1,2,4-Trichlorobenzene	1.2	U	9.6	1.2	ug/L		07/24/12 08:48	07/25/12 16:29	1
2,4,5-Trichlorophenol	2.0	U	9.6	2.0	ug/L		07/24/12 08:48	07/25/12 16:29	1
2,4,6-Trichlorophenol	1.8	U	9.6	1.8	ug/L		07/24/12 08:48	07/25/12 16:29	1
1,3,5-Trinitrobenzene	0.59	U	9.6	0.59	ug/L		07/24/12 08:48	07/25/12 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	49		36 - 124	07/24/12 08:48	07/25/12 16:29	1
2-Fluorophenol	41		29 - 121	07/24/12 08:48	07/25/12 16:29	1
Nitrobenzene-d5	57		34 - 130	07/24/12 08:48	07/25/12 16:29	1
Phenol-d6 (Surr)	40		25 - 128	07/24/12 08:48	07/25/12 16:29	1
Terphenyl-d14	21		14 - 148	07/24/12 08:48	07/25/12 16:29	1
2,4,6-Tribromophenol	55		29 - 143	07/24/12 08:48	07/25/12 16:29	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	260		38	9.2	ug/L		07/24/12 08:48	07/26/12 14:29	4

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0017	U	0.049	0.0017	ug/L		07/24/12 09:39	07/30/12 19:41	1
alpha-BHC	0.0027	U	0.049	0.0027	ug/L		07/24/12 09:39	07/30/12 19:41	1
beta-BHC	0.0026	U	0.049	0.0026	ug/L		07/24/12 09:39	07/30/12 19:41	1
Chlordane (technical)	0.055	U	0.49	0.055	ug/L		07/24/12 09:39	07/30/12 19:41	1
Chlorobenzilate	0.073	U	0.49	0.073	ug/L		07/24/12 09:39	07/30/12 19:41	1
4,4'-DDD	0.0040	U	0.049	0.0040	ug/L		07/24/12 09:39	07/30/12 19:41	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 1,2,3, Comp

Lab Sample ID: 660-48951-4

Date Collected: 07/18/12 13:50

Matrix: Water

Date Received: 07/18/12 17:20

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.0053	U	0.049	0.0053	ug/L		07/24/12 09:39	07/30/12 19:41	1
4,4'-DDT	0.0031	U	0.049	0.0031	ug/L		07/24/12 09:39	07/30/12 19:41	1
delta-BHC	0.0027	U	0.049	0.0027	ug/L		07/24/12 09:39	07/30/12 19:41	1
Dieldrin	0.0014	U	0.049	0.0014	ug/L		07/24/12 09:39	07/30/12 19:41	1
Endosulfan I	0.0033	U	0.049	0.0033	ug/L		07/24/12 09:39	07/30/12 19:41	1
Endosulfan II	0.0032	U	0.049	0.0032	ug/L		07/24/12 09:39	07/30/12 19:41	1
Endosulfan sulfate	0.0029	U	0.049	0.0029	ug/L		07/24/12 09:39	07/30/12 19:41	1
Endrin	0.0030	U	0.049	0.0030	ug/L		07/24/12 09:39	07/30/12 19:41	1
Endrin aldehyde	0.0031	U	0.049	0.0031	ug/L		07/24/12 09:39	07/30/12 19:28	1
gamma-BHC (Lindane)	0.0025	U	0.049	0.0025	ug/L		07/24/12 09:39	07/30/12 19:41	1
Heptachlor	0.0030	U	0.049	0.0030	ug/L		07/24/12 09:39	07/30/12 19:41	1
Heptachlor epoxide	0.0030	U	0.049	0.0030	ug/L		07/24/12 09:39	07/30/12 19:41	1
Isodrin	0.0059	U	0.049	0.0059	ug/L		07/24/12 09:39	07/30/12 19:41	1
Kepone	0.081	U	0.49	0.081	ug/L		07/24/12 09:39	08/09/12 12:59	1
Methoxychlor	0.0050	U	0.049	0.0050	ug/L		07/24/12 09:39	07/30/12 19:41	1
Toxaphene	0.70	U	4.9	0.70	ug/L		07/24/12 09:39	07/30/12 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36		30 - 150	07/24/12 09:39	07/30/12 19:28	1
Tetrachloro-m-xylene	74		30 - 150	07/24/12 09:39	07/30/12 19:28	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.25	U	0.49	0.25	ug/L		07/24/12 09:39	07/26/12 13:44	1
PCB-1221	0.15	U	0.49	0.15	ug/L		07/24/12 09:39	07/26/12 13:44	1
PCB-1232	0.37	U	0.49	0.37	ug/L		07/24/12 09:39	07/26/12 13:44	1
PCB-1242	0.22	U	0.49	0.22	ug/L		07/24/12 09:39	07/26/12 13:44	1
PCB-1248	0.13	U	0.49	0.13	ug/L		07/24/12 09:39	07/26/12 13:44	1
PCB-1254	0.12	U	0.49	0.12	ug/L		07/24/12 09:39	07/26/12 13:44	1
PCB-1260	0.31	U	0.49	0.31	ug/L		07/24/12 09:39	07/26/12 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		30 - 150	07/24/12 09:39	07/26/12 13:44	1
Tetrachloro-m-xylene	85		30 - 150	07/24/12 09:39	07/26/12 13:44	1

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.32	U	2.0	0.32	ug/L		07/25/12 12:15	07/27/12 11:08	1
Disulfoton	0.12	U	2.0	0.12	ug/L		07/25/12 12:15	07/27/12 11:08	1
Famphur	0.11	U J3	2.0	0.11	ug/L		07/25/12 12:15	07/27/12 11:08	1
Methyl parathion	0.12	U J3	0.50	0.12	ug/L		07/25/12 12:15	07/27/12 11:08	1
Parathion	0.080	U J3	1.0	0.080	ug/L		07/25/12 12:15	07/27/12 11:08	1
Phorate	0.16	U J3	1.0	0.16	ug/L		07/25/12 12:15	07/27/12 11:08	1
Thionazin	0.061	U	1.0	0.061	ug/L		07/25/12 12:15	07/27/12 11:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	80		37 - 139	07/25/12 12:15	07/27/12 11:08	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.12	U	0.19	0.12	ug/L		07/25/12 08:33	07/27/12 08:07	1
2,4,5-T	0.12	U	0.19	0.12	ug/L		07/25/12 08:33	07/27/12 08:07	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 1,2,3, Comp

Lab Sample ID: 660-48951-4

Date Collected: 07/18/12 13:50

Matrix: Water

Date Received: 07/18/12 17:20

Method: 8151A - Herbicides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	0.12	U	0.19	0.12	ug/L		07/25/12 08:33	07/27/12 08:07	1
Dinoseb	0.13	U	0.19	0.13	ug/L		07/25/12 08:33	07/27/12 08:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	77		33 - 130				07/25/12 08:33	07/27/12 08:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.0	I	5.0	2.3	ug/L		07/23/12 16:26	07/27/12 03:59	1
Arsenic	73		2.5	1.3	ug/L		07/23/12 16:26	07/27/12 03:59	1
Barium	88		5.0	1.3	ug/L		07/23/12 16:26	07/27/12 03:59	1
Beryllium	0.25	U	0.50	0.25	ug/L		07/23/12 16:26	07/27/12 03:59	1
Cadmium	0.095	U	0.50	0.095	ug/L		07/23/12 16:26	07/27/12 03:59	1
Chromium	9.4		5.0	2.5	ug/L		07/23/12 16:26	07/27/12 03:59	1
Cobalt	8.1		0.50	0.15	ug/L		07/23/12 16:26	07/27/12 03:59	1
Copper	1.1	U	5.0	1.1	ug/L		07/23/12 16:26	07/27/12 03:59	1
Iron	6400		100	33	ug/L		07/23/12 16:26	07/28/12 00:48	1
Lead	0.33	I	1.5	0.20	ug/L		07/23/12 16:26	07/27/12 03:59	1
Nickel	38		5.0	2.0	ug/L		07/23/12 16:26	07/27/12 03:59	1
Selenium	1.0	U	2.5	1.0	ug/L		07/23/12 16:26	07/27/12 03:59	1
Silver	0.25	U	1.0	0.25	ug/L		07/23/12 16:26	07/27/12 03:59	1
Sodium	420		5.0	2.5	mg/L		07/23/12 16:26	08/08/12 11:26	10
Thallium	0.50	U	1.0	0.50	ug/L		07/23/12 16:26	07/27/12 03:59	1
Vanadium	11		10	3.8	ug/L		07/23/12 16:26	07/27/12 03:59	1
Zinc	17	I	20	8.3	ug/L		07/23/12 16:26	07/27/12 03:59	1
Tin	1.3	U	5.0	1.3	ug/L		07/23/12 16:26	07/27/12 03:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		07/24/12 09:57	07/27/12 11:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	560		50	20	mg/L			08/01/12 16:37	100
Cyanide, Total	0.0091	I	0.010	0.0025	mg/L		07/23/12 08:08	07/23/12 12:51	1
Ammonia as N	150	J3	2.4	1.2	mg/L			07/31/12 21:02	40
Nitrate as N	0.18	I	0.50	0.10	mg/L			07/19/12 14:24	1
Chemical Oxygen Demand	580		20	10	mg/L		07/31/12 12:00	07/31/12 14:30	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	1300		1.0	1.0	mg/L			07/23/12 16:20	1
Total Dissolved Solids	1900		50	50	mg/L			07/25/12 12:55	1
Sulfide	3.2		1.0	1.0	mg/L			07/23/12 09:37	1
Biochemical Oxygen Demand	130		40	40	mg/L			07/20/12 08:37	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Effluent Leachate

Lab Sample ID: 660-48951-5

Date Collected: 07/18/12 12:30

Matrix: Water

Date Received: 07/18/12 17:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			07/24/12 19:23	1
Acrylonitrile	1.2	U	10	1.2	ug/L			07/24/12 19:23	1
Benzene	0.50	U	1.0	0.50	ug/L			07/24/12 19:23	1
Bromoform	0.58	U	1.0	0.58	ug/L			07/24/12 19:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/24/12 19:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/24/12 19:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			07/24/12 19:23	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			07/24/12 19:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/24/12 19:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/24/12 19:23	1
Chlorodibromomethane	0.34	U	1.0	0.34	ug/L			07/24/12 19:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			07/24/12 19:23	1
Chloroform	1.6		1.0	0.90	ug/L			07/24/12 19:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			07/24/12 19:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/24/12 19:23	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 19:23	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			07/24/12 19:23	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			07/24/12 19:23	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			07/24/12 19:23	1
Dichlorobromomethane	0.35	U	1.0	0.35	ug/L			07/24/12 19:23	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			07/24/12 19:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/24/12 19:23	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			07/24/12 19:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/24/12 19:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			07/25/12 12:02	1
2-Hexanone	4.4	U	10	4.4	ug/L			07/24/12 19:23	1
Iodomethane	2.5	U	5.0	2.5	ug/L			07/24/12 19:23	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			07/24/12 19:23	1
4-Methyl-2-pentanone (MIBK)	3.8	U	10	3.8	ug/L			07/24/12 19:23	1
Styrene	0.98	U	2.0	0.98	ug/L			07/24/12 19:23	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/24/12 19:23	1
1,1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			07/24/12 19:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 19:23	1
Toluene	0.51	U	1.0	0.51	ug/L			07/24/12 19:23	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			07/25/12 12:02	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			07/24/12 19:23	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 19:23	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			07/24/12 19:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/24/12 19:23	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 19:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 19:23	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			07/24/12 19:23	1
Vinyl acetate	1.5	U	10	1.5	ug/L			07/24/12 19:23	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			07/24/12 19:23	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			07/25/12 12:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		07/24/12 19:23	1
4-Bromofluorobenzene	102		70 - 130		07/25/12 12:02	1
Dibromofluoromethane	102		70 - 130		07/24/12 19:23	1
Dibromofluoromethane	98		70 - 130		07/25/12 12:02	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Effluent Leachate

Lab Sample ID: 660-48951-5

Date Collected: 07/18/12 12:30

Matrix: Water

Date Received: 07/18/12 17:20

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		70 - 130		07/24/12 19:23	1
Toluene-d8 (Surr)	97		70 - 130		07/25/12 12:02	1

Method: 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0096	U	0.019	0.0096	ug/L		07/24/12 14:55	07/24/12 21:18	1
Ethylene Dibromide	0.0096	U	0.019	0.0096	ug/L		07/24/12 14:55	07/24/12 21:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1, 1, 1, 2-Tetrachloroethane	90		60 - 140	07/24/12 14:55	07/24/12 21:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.9	I	5.0	2.3	ug/L		07/23/12 16:26	07/27/12 04:06	1
Arsenic	17		2.5	1.3	ug/L		07/23/12 16:26	07/27/12 04:06	1
Barium	64		5.0	1.3	ug/L		07/23/12 16:26	07/27/12 04:06	1
Beryllium	0.25	U	0.50	0.25	ug/L		07/23/12 16:26	07/27/12 04:06	1
Cadmium	0.095	U	0.50	0.095	ug/L		07/23/12 16:26	07/27/12 04:06	1
Cobalt	4.5		0.50	0.15	ug/L		07/23/12 16:26	07/27/12 04:06	1
Chromium	3.7	I	5.0	2.5	ug/L		07/23/12 16:26	07/27/12 04:06	1
Sodium	260		0.50	0.25	mg/L		07/23/12 16:26	07/28/12 00:55	1
Copper	5.6		5.0	1.1	ug/L		07/23/12 16:26	07/27/12 04:06	1
Lead	0.20	U	1.5	0.20	ug/L		07/23/12 16:26	07/27/12 04:06	1
Nickel	21		5.0	2.0	ug/L		07/23/12 16:26	07/27/12 04:06	1
Selenium	1.0	U	2.5	1.0	ug/L		07/23/12 16:26	07/27/12 04:06	1
Silver	0.25	U	1.0	0.25	ug/L		07/23/12 16:26	07/27/12 04:06	1
Iron	260		100	33	ug/L		07/23/12 16:26	07/28/12 00:55	1
Vanadium	5.5	I	10	3.8	ug/L		07/23/12 16:26	07/27/12 04:06	1
Zinc	15	I	20	8.3	ug/L		07/23/12 16:26	07/27/12 04:06	1
Thallium	0.50	U	1.0	0.50	ug/L		07/23/12 16:26	07/27/12 04:06	1

Method: 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		07/24/12 09:57	07/27/12 11:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	570		50	20	mg/L			08/01/12 16:52	100
Ammonia as N	0.91		0.060	0.030	mg/L			07/31/12 21:06	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1400		50	50	mg/L			07/25/12 12:55	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.21				SU			07/18/12 12:30	1
Oxidation Reduction Potential	-118.0				millivolts			07/18/12 12:30	1
Oxygen, Dissolved	7.34				mg/L			07/18/12 12:30	1
Sheen	No				SU			07/18/12 12:30	1
Specific Conductance	2281				umhos/cm			07/18/12 12:30	1
Temperature	27.2				Degrees C			07/18/12 12:30	1
Turbidity	6.34				NTU			07/18/12 12:30	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Leachate Sludge

Lab Sample ID: 660-48951-6

Date Collected: 07/18/12 12:50

Matrix: Solid

Date Received: 07/18/12 17:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.0	U	10	5.0	ug/L			07/30/12 15:45	10
Carbon tetrachloride	4.2	U	10	4.2	ug/L			07/30/12 15:45	10
Chlorobenzene	6.3	U	10	6.3	ug/L			07/30/12 15:45	10
Chloroform	9.0	U	10	9.0	ug/L			07/30/12 15:45	10
1,4-Dichlorobenzene	5.2	U	10	5.2	ug/L			07/30/12 15:45	10
1,2-Dichloroethane	5.7	U	10	5.7	ug/L			07/30/12 15:45	10
1,1-Dichloroethene	4.5	U	10	4.5	ug/L			07/30/12 15:45	10
2-Butanone (MEK)	84	U	100	84	ug/L			07/30/12 15:45	10
Trichloroethene	5.0	U	10	5.0	ug/L			07/30/12 15:45	10
Tetrachloroethene	5.0	U	10	5.0	ug/L			07/30/12 15:45	10
Vinyl chloride	5.0	U	10	5.0	ug/L			07/30/12 15:45	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 130		07/30/12 15:45	10
Dibromofluoromethane	102		70 - 130		07/30/12 15:45	10
Toluene-d8 (Surr)	101		70 - 130		07/30/12 15:45	10

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	8.0	U J3	250	8.0	ug/L		08/01/12 11:12	08/02/12 13:04	1
Pentachlorophenol	7.5	U	75	7.5	ug/L		08/01/12 11:12	08/02/12 13:04	1
Nitrobenzene	9.5	U	50	9.5	ug/L		08/01/12 11:12	08/02/12 13:04	1
Hexachloroethane	4.3	U	50	4.3	ug/L		08/01/12 11:12	08/02/12 13:04	1
Hexachlorobutadiene	5.0	U	50	5.0	ug/L		08/01/12 11:12	08/02/12 13:04	1
Hexachlorobenzene	8.5	U	50	8.5	ug/L		08/01/12 11:12	08/02/12 13:04	1
Cresol, o-	12	U	50	12	ug/L		08/01/12 11:12	08/02/12 13:04	1
m & p - Cresol	12	U	50	12	ug/L		08/01/12 11:12	08/02/12 13:04	1
1,4-Dichlorobenzene	6.0	U	50	6.0	ug/L		08/01/12 11:12	08/02/12 13:04	1
2,4-Dinitrotoluene	4.6	U	50	4.6	ug/L		08/01/12 11:12	08/02/12 13:04	1
2,4,5-Trichlorophenol	11	U	50	11	ug/L		08/01/12 11:12	08/02/12 13:04	1
2,4,6-Trichlorophenol	9.5	U	50	9.5	ug/L		08/01/12 11:12	08/02/12 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	41		29 - 143	08/01/12 11:12	08/02/12 13:04	1
2-Fluorophenol	36		29 - 121	08/01/12 11:12	08/02/12 13:04	1
Phenol-d6 (Surr)	33		25 - 128	08/01/12 11:12	08/02/12 13:04	1
Nitrobenzene-d5	50		34 - 130	08/01/12 11:12	08/02/12 13:04	1
2-Fluorobiphenyl	49		36 - 124	08/01/12 11:12	08/02/12 13:04	1
Terphenyl-d14	54		14 - 148	08/01/12 11:12	08/02/12 13:04	1

Method: 8081A - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.61	U	5.0	0.61	ug/L		07/26/12 08:20	07/27/12 13:24	1
gamma-BHC (Lindane)	0.21	U	2.5	0.21	ug/L		07/26/12 08:20	07/27/12 13:24	1
Methoxychlor	0.44	U	25	0.44	ug/L		07/26/12 08:20	07/27/12 13:24	1
Chlordane (technical)	3.4	U	25	3.4	ug/L		07/26/12 08:20	07/27/12 13:24	1
Toxaphene	19	U	250	19	ug/L		07/26/12 08:20	07/27/12 13:24	1
Heptachlor	0.36	U	2.5	0.36	ug/L		07/26/12 08:20	07/27/12 13:24	1
Heptachlor epoxide	0.22	U	2.5	0.22	ug/L		07/26/12 08:20	07/27/12 13:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		30 - 150	07/26/12 08:20	07/27/12 13:24	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Leachate Sludge

Lab Sample ID: 660-48951-6

Date Collected: 07/18/12 12:50

Matrix: Solid

Date Received: 07/18/12 17:20

Method: 8081A - Organochlorine Pesticides (GC) - TCLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		30 - 150	07/26/12 08:20	07/27/12 13:24	1

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	7.5	U J3	25	7.5	ug/L		07/25/12 08:30	07/26/12 22:49	1
Silvex (2,4,5-TP)	1.6	U J3	25	1.6	ug/L		07/25/12 08:30	07/26/12 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	64		33 - 120	07/25/12 08:30	07/26/12 22:49	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	50	U	500	50	ug/L		07/20/12 08:58	07/23/12 09:02	1
Arsenic	120	U	1000	120	ug/L		07/20/12 08:58	07/23/12 09:02	1
Barium	78	I	500	30	ug/L		07/20/12 08:58	07/23/12 09:02	1
Cadmium	18	U	500	18	ug/L		07/20/12 08:58	07/23/12 09:02	1
Chromium	50	U	1000	50	ug/L		07/20/12 08:58	07/23/12 09:02	1
Lead	40	U	1000	40	ug/L		07/20/12 08:58	07/23/12 09:02	1
Selenium	150	U	500	150	ug/L		07/20/12 08:58	07/23/12 09:02	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.36	U	0.50	0.36	ug/L		07/23/12 11:18	07/23/12 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	2.8		0.10	0.10	%			07/26/12 13:12	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.02		1.00	1.00	SU			07/19/12 10:20	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Trip Blank 48951

Lab Sample ID: 660-48951-7

Date Collected: 07/18/12 00:00

Matrix: Water

Date Received: 07/18/12 17:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			07/24/12 17:23	1
Acetonitrile	20	U	20	20	ug/L			07/24/12 17:23	1
Acrolein	3.8	U	5.0	3.8	ug/L			07/24/12 17:23	1
Acrylonitrile	1.2	U	10	1.2	ug/L			07/24/12 17:23	1
Allyl chloride	2.5	U	5.0	2.5	ug/L			07/24/12 17:23	1
Benzene	0.50	U	1.0	0.50	ug/L			07/24/12 17:23	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			07/24/12 17:23	1
Bromoform	0.58	U	1.0	0.58	ug/L			07/24/12 17:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/24/12 17:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/24/12 17:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			07/24/12 17:23	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			07/24/12 17:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/24/12 17:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/24/12 17:23	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			07/24/12 17:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			07/24/12 17:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/24/12 17:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			07/24/12 17:23	1
Chloroprene	2.5	U	5.0	2.5	ug/L			07/24/12 17:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/24/12 17:23	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 17:23	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			07/24/12 17:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 17:23	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			07/24/12 17:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/24/12 17:23	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			07/24/12 17:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/24/12 17:23	1
1,3-Dichloropropane	0.39	U	1.0	0.39	ug/L			07/24/12 17:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			07/24/12 17:23	1
1,1-Dichloropropene	0.31	U	1.0	0.31	ug/L			07/24/12 17:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			07/24/12 17:23	1
Ethyl methacrylate	2.5	U	5.0	2.5	ug/L			07/24/12 17:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			07/24/12 17:23	1
Iodomethane	2.5	U	5.0	2.5	ug/L			07/24/12 17:23	1
Isobutyl alcohol	31	U	200	31	ug/L			07/24/12 17:23	1
Methacrylonitrile	1.8	U	10	1.8	ug/L			07/24/12 17:23	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			07/24/12 17:23	1
Methyl methacrylate	2.5	U	5.0	2.5	ug/L			07/24/12 17:23	1
4-Methyl-2-pentanone (MIBK)	3.8	U	10	3.8	ug/L			07/24/12 17:23	1
Propionitrile	7.2	U	100	7.2	ug/L			07/24/12 17:23	1
Styrene	0.98	U	2.0	0.98	ug/L			07/24/12 17:23	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/24/12 17:23	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			07/24/12 17:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 17:23	1
Toluene	0.51	U	1.0	0.51	ug/L			07/24/12 17:23	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			07/25/12 11:44	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			07/24/12 17:23	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 17:23	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			07/24/12 17:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/24/12 17:23	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 17:23	1

Client Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Trip Blank 48951

Lab Sample ID: 660-48951-7

Date Collected: 07/18/12 00:00

Matrix: Water

Date Received: 07/18/12 17:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 17:23	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			07/24/12 17:23	1
Vinyl acetate	1.5	U	10	1.5	ug/L			07/24/12 17:23	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			07/24/12 17:23	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			07/24/12 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		07/24/12 17:23	1
4-Bromofluorobenzene	101		70 - 130		07/25/12 11:44	1
Dibromofluoromethane	101		70 - 130		07/24/12 17:23	1
Dibromofluoromethane	99		70 - 130		07/25/12 11:44	1
Toluene-d8 (Surr)	97		70 - 130		07/24/12 17:23	1
Toluene-d8 (Surr)	97		70 - 130		07/25/12 11:44	1

Surrogate Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
LCS 660-127178/5	Lab Control Sample	94	105	98
MB 660-127178/7	Method Blank	92	104	101
Surrogate Legend				
BFB = 4-Bromofluorobenzene				
DBFM = Dibromofluoromethane				
TOL = Toluene-d8 (Surr)				

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

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
640-39620-B-2-A MS	Matrix Spike	94	104	98
640-39620-B-2-A MSD	Matrix Spike Duplicate	94	102	98
660-48951-6	Leachate Sludge	93	102	101
LB 660-127138/1-A LB	Method Blank	93	104	98
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)
660-48951-1	Phase 3	99	99	101
660-48951-1 - DL	Phase 3	99	100	99
660-48951-1	Phase 3	100	99	98
660-48951-1 DU	Phase 3	92	101	97
660-48951-2	Phase 2	101	102	101
660-48951-2	Phase 2	100	100	98
660-48951-2 MS	Phase 2	107	101	100
660-48951-3	Phase 1/1A	100	103	98
660-48951-3	Phase 1/1A	99	100	95
660-48951-5	Effluent Leachate	102	102	99
660-48951-5	Effluent Leachate	102	98	97
660-48951-7	Trip Blank 48951	98	101	97
660-48951-7	Trip Blank 48951	101	99	97
660-49021-B-1 DU	Duplicate	98	102	97
660-49021-B-2 MS	Matrix Spike	100	100	99
LCS 660-127006/5	Lab Control Sample	105	101	100
LCS 660-127039/3	Lab Control Sample	102	98	99
MB 660-127006/7	Method Blank	106	105	99
MB 660-127039/5	Method Blank	102	99	98
Surrogate Legend				
BFB = 4-Bromofluorobenzene				

Surrogate Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (36-124)	2FP (29-121)	NBZ (34-130)	PHL (25-128)	TPH (14-148)	TBP (29-143)
LCS 660-127276/2-A	Lab Control Sample	59	50	59	45	81	76
MB 660-127276/1-A	Method Blank	72	63	74	57	89	75

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d6 (Surr)
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (29-143)	2FP (29-121)	PHL (25-128)	NBZ (34-130)	FBP (36-124)	TPH (14-148)
660-48951-6	Leachate Sludge	41	36	33	50	49	54
660-48951-6 MS	Leachate Sludge	65	49	44	66	64	66
660-48951-6 MSD	Leachate Sludge	63	52	47	75	70	66
LB 660-127268/1-B LB	Method Blank	68	64	60	70	64	83

Surrogate Legend

TBP = 2,4,6-Tribromophenol
2FP = 2-Fluorophenol
PHL = Phenol-d6 (Surr)
NBZ = Nitrobenzene-d5
FBP = 2-Fluorobiphenyl
TPH = Terphenyl-d14

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (36-124)	2FP (29-121)	NBZ (34-130)	PHL (25-128)	TPH (14-148)	TBP (29-143)
660-48951-4	Phase 1,2,3, Comp	49	41	57	40	21	55
660-48951-4 MS	Phase 1,2,3, Comp	58	46	64	47	25	58
660-48967-E-1-A DU	Duplicate	44	9 J1	42	0.8 J1	18	42
LCS 660-126925/2-A	Lab Control Sample	58	53	67	49	80	84
MB 660-126925/1-A	Method Blank	61	53	65	48	83	67

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d6 (Surr)
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Surrogate Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8011 - EDB

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	TCEA1 (60-140)						
660-48951-2 MS	Phase 2	102						
660-48951-5	Effluent Leachate	90						
LCS 660-126961/2-A	Lab Control Sample	98						
Surrogate Legend								
TCEA = 1,1,1,2-Tetrachloroethane								

Method: 8011 - EDB

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	TCEA2 (60-140)						
660-48951-3 DU	Phase 1/1A	96						
MB 660-126961/1-A	Method Blank	95						
Surrogate Legend								
TCEA = 1,1,1,2-Tetrachloroethane								

Method: 8011 - EDB and DBCP in Water by Microextraction

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	TCEA1 (60-140)						
660-48951-1	Phase 3	98						
660-48951-2	Phase 2	113						
660-48951-3	Phase 1/1A	118						
Surrogate Legend								
TCEA = 1,1,1,2-Tetrachloroethane								

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCB1 (30-150)	TCX1 (30-150)					
LCS 660-127034/2-A	Lab Control Sample	87	73					
MB 660-127034/1-A	Method Blank	97	83					
Surrogate Legend								
DCB = DCB Decachlorobiphenyl								
TCX = Tetrachloro-m-xylene								

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCB2 (30-150)	TCX1 (30-150)					
660-48951-6	Leachate Sludge	81	76					

Surrogate Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCB2 (30-150)	TCX1 (30-150)
660-48951-6 MS	Leachate Sludge	86	77
660-48951-6 MSD	Leachate Sludge	96	73
LB 660-126835/1-D LB	Method Blank	99	77
Surrogate Legend			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCB2 (30-150)	TCX2 (30-150)
660-48951-4	Phase 1,2,3, Comp	36	74
660-48997-A-1-B MSD	Matrix Spike Duplicate	93	80
660-48997-B-1-B MS	Matrix Spike	97	85
LCS 660-126934/2-A	Lab Control Sample	97	73
LCS 660-126934/3-A	Lab Control Sample	82	67
LCSD 660-126934/4-A	Lab Control Sample Dup	81	61
Surrogate Legend			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCB1 (30-150)	TCX1 (30-150)
MB 660-126934/1-A	Method Blank	79	63
Surrogate Legend			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCB2 (30-150)	TCX1 (30-150)
660-48951-4	Phase 1,2,3, Comp	46	85
Surrogate Legend			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

Surrogate Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCB1 (30-150)	TCX2 (30-150)
LCS 660-126934/5-A	Lab Control Sample	105	99
LCSD 660-126934/6-A	Lab Control Sample Dup	112	101
MB 660-126934/1-A	Method Blank	111	94
Surrogate Legend			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

Method: 8141A - Organophosphorous Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TPP1 (37-139)	
660-48951-4	Phase 1,2,3, Comp	80	
660-48951-4	Phase 1,2,3, Comp	91	
660-48951-4 MS	Phase 1,2,3, Comp	87	
660-48951-4 MSD	Phase 1,2,3, Comp	14 J1	
LCS 640-94473/2-A	Lab Control Sample	102	
LCS 640-94554/2-A	Lab Control Sample	99	
LCSD 640-94473/3-A	Lab Control Sample Dup	105	
LCSD 640-94554/3-A	Lab Control Sample Dup	109	
MB 640-94473/1-A	Method Blank	105	
Surrogate Legend			
TPP = Triphenylphosphate			

Method: 8141A - Organophosphorous Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TPP2 (37-139)	
MB 640-94554/1-A	Method Blank	107	
Surrogate Legend			
TPP = Triphenylphosphate			

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPA2 (33-120)	
LCS 660-126977/2-A	Lab Control Sample	75	
MB 660-126977/1-A	Method Blank	65	
Surrogate Legend			
DCPA = 2,4-Dichlorophenylacetic acid			

Surrogate Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCPA2 (33-120)						
660-48951-6	Leachate Sludge	64						
660-48951-6 MS	Leachate Sludge	5 J1						
660-48951-6 MSD	Leachate Sludge	76						
Surrogate Legend								
DCPA = 2,4-Dichlorophenylacetic acid								

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCPA2						
LB 660-126835/1-A LB	Method Blank							
Surrogate Legend								
DCPA = 2,4-Dichlorophenylacetic acid								

Method: 8151A - Herbicides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCPA2 (33-130)						
400-67232-D-29-A MS	Matrix Spike	98						
Surrogate Legend								
DCPA = 2,4-Dichlorophenylacetic acid								

Method: 8151A - Herbicides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCPA1 (33-130)						
660-48951-4	Phase 1,2,3, Comp	77						
660-48951-4 DU	Phase 1,2,3, Comp	68						
LCS 660-126979/2-A	Lab Control Sample	118						
MB 660-126979/1-A	Method Blank	79						
Surrogate Legend								
DCPA = 2,4-Dichlorophenylacetic acid								

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: MB 660-127006/7

Matrix: Water

Analysis Batch: 127006

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			07/24/12 16:09	1
Acetonitrile	20	U	20	20	ug/L			07/24/12 16:09	1
Acrolein	3.8	U	5.0	3.8	ug/L			07/24/12 16:09	1
Acrylonitrile	1.2	U	10	1.2	ug/L			07/24/12 16:09	1
Allyl chloride	2.5	U	5.0	2.5	ug/L			07/24/12 16:09	1
Benzene	0.50	U	1.0	0.50	ug/L			07/24/12 16:09	1
Bromoform	0.58	U	1.0	0.58	ug/L			07/24/12 16:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/24/12 16:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/24/12 16:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			07/24/12 16:09	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			07/24/12 16:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/24/12 16:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/24/12 16:09	1
Chlorodibromomethane	0.34	U	1.0	0.34	ug/L			07/24/12 16:09	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			07/24/12 16:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			07/24/12 16:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/24/12 16:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			07/24/12 16:09	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			07/24/12 16:09	1
Chloroprene	2.5	U	5.0	2.5	ug/L			07/24/12 16:09	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			07/24/12 16:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/24/12 16:09	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			07/24/12 16:09	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 16:09	1
Dichlorobromomethane	0.35	U	1.0	0.35	ug/L			07/24/12 16:09	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			07/24/12 16:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 16:09	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			07/24/12 16:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/24/12 16:09	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			07/24/12 16:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/24/12 16:09	1
1,3-Dichloropropane	0.39	U	1.0	0.39	ug/L			07/24/12 16:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			07/24/12 16:09	1
1,1-Dichloropropene	0.31	U	1.0	0.31	ug/L			07/24/12 16:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			07/24/12 16:09	1
Ethyl methacrylate	2.5	U	5.0	2.5	ug/L			07/24/12 16:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			07/24/12 16:09	1
Iodomethane	2.5	U	5.0	2.5	ug/L			07/24/12 16:09	1
Isobutyl alcohol	31	U	200	31	ug/L			07/24/12 16:09	1
Methacrylonitrile	1.8	U	10	1.8	ug/L			07/24/12 16:09	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			07/24/12 16:09	1
Methyl methacrylate	2.5	U	5.0	2.5	ug/L			07/24/12 16:09	1
4-Methyl-2-pentanone (MIBK)	3.8	U	10	3.8	ug/L			07/24/12 16:09	1
Propionitrile	7.2	U	100	7.2	ug/L			07/24/12 16:09	1
Styrene	0.98	U	2.0	0.98	ug/L			07/24/12 16:09	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/24/12 16:09	1
1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			07/24/12 16:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 16:09	1
Toluene	0.51	U	1.0	0.51	ug/L			07/24/12 16:09	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: MB 660-127006/7

Matrix: Water

Analysis Batch: 127006

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			07/24/12 16:09	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/24/12 16:09	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			07/24/12 16:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/24/12 16:09	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			07/24/12 16:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/24/12 16:09	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			07/24/12 16:09	1
Vinyl acetate	1.5	U	10	1.5	ug/L			07/24/12 16:09	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			07/24/12 16:09	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			07/24/12 16:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		70 - 130		07/24/12 16:09	1
Dibromofluoromethane	105		70 - 130		07/24/12 16:09	1
Toluene-d8 (Surr)	99		70 - 130		07/24/12 16:09	1

Lab Sample ID: LCS 660-127006/5

Matrix: Water

Analysis Batch: 127006

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	46.4		ug/L		116	62 - 142
Acetonitrile	400	357		ug/L		89	70 - 130
Acrolein	100	104		ug/L		104	54 - 145
Acrylonitrile	40.0	37.6		ug/L		94	59 - 146
Allyl chloride	40.0	35.2		ug/L		88	70 - 130
Benzene	20.0	18.0		ug/L		90	68 - 134
Bromoform	20.0	20.8		ug/L		104	65 - 130
Bromomethane	20.0	26.4		ug/L		132	22 - 150
2-Butanone (MEK)	40.0	40.5		ug/L		101	63 - 140
Carbon disulfide	40.0	38.0		ug/L		95	30 - 150
Carbon tetrachloride	20.0	20.2		ug/L		101	61 - 134
Chlorobenzene	20.0	19.5		ug/L		98	70 - 130
Chlorobromomethane	20.0	20.4		ug/L		102	70 - 130
Chlorodibromomethane	20.0	23.1		ug/L		115	70 - 130
Dibromochloromethane	20.0	23.1		ug/L		115	70 - 130
Chloroethane	20.0	20.0		ug/L		100	39 - 150
Chloroform	20.0	20.1		ug/L		101	68 - 130
Chloromethane	20.0	13.7		ug/L		68	35 - 150
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	70 - 130
Chloroprene	20.0	20.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
cis-1,2-Dichloroethene	20.0	20.1		ug/L		100	66 - 130
Bromodichloromethane	20.0	21.6		ug/L		108	70 - 130
cis-1,3-Dichloropropene	20.0	21.7		ug/L		108	70 - 130
Dichlorobromomethane	20.0	21.6		ug/L		108	70 - 130
Dibromomethane	20.0	20.9		ug/L		105	70 - 130
Dichlorodifluoromethane	20.0	17.1		ug/L		85	16 - 149
1,1-Dichloroethane	20.0	19.3		ug/L		96	66 - 130

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: LCS 660-127006/5

Matrix: Water

Analysis Batch: 127006

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	20.0	19.8		ug/L		99	70 - 130
1,1-Dichloroethene	20.0	16.9		ug/L		84	51 - 150
1,2-Dichloropropane	20.0	18.8		ug/L		94	70 - 130
1,3-Dichloropropane	20.0	20.9		ug/L		105	70 - 130
2,2-Dichloropropane	20.0	20.9		ug/L		104	66 - 134
1,1-Dichloropropene	20.0	19.5		ug/L		97	65 - 136
Ethylbenzene	20.0	20.6		ug/L		103	70 - 130
Ethyl methacrylate	40.0	40.5		ug/L		101	70 - 130
2-Hexanone	40.0	39.6		ug/L		99	60 - 148
Iodomethane	40.0	41.0		ug/L		102	70 - 130
Isobutyl alcohol	400	359		ug/L		90	70 - 130
Methacrylonitrile	40.0	39.2		ug/L		98	70 - 130
Methylene Chloride	20.0	18.9		ug/L		95	57 - 130
Methyl methacrylate	40.0	38.2		ug/L		96	70 - 130
4-Methyl-2-pentanone (MIBK)	40.0	41.6		ug/L		104	64 - 137
Propionitrile	40.0	39.0	I	ug/L		97	70 - 130
Styrene	20.0	21.1		ug/L		106	68 - 131
1,1,1,2-Tetrachloroethane	20.0	20.8		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.3		ug/L		92	70 - 130
Tetrachloroethene	20.0	17.9		ug/L		90	50 - 143
Toluene	20.0	19.5		ug/L		97	70 - 131
trans-1,2-Dichloroethene	20.0	19.1		ug/L		96	62 - 139
trans-1,3-Dichloropropene	20.0	22.0		ug/L		110	67 - 130
1,1,1-Trichloroethane	20.0	19.4		ug/L		97	63 - 132
1,1,2-Trichloroethane	20.0	20.7		ug/L		103	70 - 130
Trichloroethene	20.0	17.8		ug/L		89	63 - 139
Trichlorofluoromethane	20.0	22.7		ug/L		113	62 - 146
1,2,3-Trichloropropane	20.0	21.8		ug/L		109	66 - 130
Vinyl acetate	20.0	21.6		ug/L		108	31 - 146
Vinyl chloride	20.0	18.1		ug/L		90	48 - 147
Xylenes, Total	60.0	63.7		ug/L		106	68 - 130

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	105		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: 660-48951-2 MS

Matrix: Water

Analysis Batch: 127006

Client Sample ID: Phase 2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	14	I	40.0	61.2		ug/L		117	62 - 142
Acetonitrile	20	U	400	323		ug/L		81	70 - 130
Acrolein	3.8	U	100	89.6		ug/L		90	54 - 145
Acrylonitrile	1.2	U	40.0	39.0		ug/L		98	59 - 146
Allyl chloride	2.5	U	40.0	41.5		ug/L		104	70 - 130
Benzene	3.9		20.0	21.5		ug/L		88	68 - 134
Bromoform	0.58	U	20.0	18.9		ug/L		95	65 - 130

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: 660-48951-2 MS

Matrix: Water

Analysis Batch: 127006

Client Sample ID: Phase 2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	2.5	U	20.0	9.09		ug/L		45	22 - 150
2-Butanone (MEK)	28		40.0	67.6		ug/L		99	63 - 140
Carbon disulfide	1.0	U	40.0	38.3		ug/L		96	30 - 150
Carbon tetrachloride	0.42	U	20.0	20.0		ug/L		100	61 - 134
Chlorobenzene	1.1		20.0	22.4		ug/L		106	70 - 130
Chlorobromomethane	0.58	U	20.0	19.7		ug/L		98	70 - 130
Chlorodibromomethane	0.34		20.0	21.8		ug/L		109	70 - 130
Dibromochloromethane	0.34	U	20.0	21.8		ug/L		109	70 - 130
Chloroethane	2.5	U	20.0	20.1		ug/L		100	39 - 150
Chloroform	0.90	U	20.0	21.0		ug/L		105	68 - 130
Chloromethane	1.0	U	20.0	9.19		ug/L		46	35 - 150
1,2-Dichlorobenzene	0.44		20.0	20.5		ug/L		102	70 - 130
Chloroprene	2.5	U	20.0	19.6		ug/L		98	70 - 130
1,4-Dichlorobenzene	11		20.0	30.6		ug/L		100	70 - 130
cis-1,2-Dichloroethene	2.1		20.0	22.0		ug/L		100	66 - 130
Bromodichloromethane	0.35	U	20.0	21.0		ug/L		105	70 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	18.6		ug/L		93	70 - 130
Dichlorobromomethane	0.35		20.0	21.0		ug/L		105	70 - 130
Dibromomethane	0.41	U	20.0	23.4		ug/L		117	70 - 130
Dichlorodifluoromethane	2.5	U	20.0	16.9		ug/L		84	16 - 149
1,1-Dichloroethane	0.52	U	20.0	20.4		ug/L		102	66 - 130
1,2-Dichloroethane	0.57	U	20.0	23.5		ug/L		117	70 - 130
1,1-Dichloroethene	0.45	U	20.0	16.5		ug/L		83	51 - 150
1,2-Dichloropropane	0.52	U	20.0	19.5		ug/L		98	70 - 130
1,3-Dichloropropane	0.39	U	20.0	22.5		ug/L		113	70 - 130
2,2-Dichloropropane	0.36	U	20.0	22.8		ug/L		114	66 - 134
1,1-Dichloropropene	0.31	U	20.0	20.1		ug/L		101	65 - 136
Ethylbenzene	33		20.0	54.3		ug/L		108	70 - 130
Ethyl methacrylate	2.5	U	40.0	44.2		ug/L		111	70 - 130
2-Hexanone	4.4	U J3	40.0	64.1	J3	ug/L		160	60 - 148
Iodomethane	2.5	U	40.0	42.6		ug/L		107	70 - 130
Isobutyl alcohol	31	U	400	370		ug/L		92	70 - 130
Methacrylonitrile	1.8	U	40.0	28.1		ug/L		70	70 - 130
Methylene Chloride	4.0	U	20.0	18.2		ug/L		91	57 - 130
Methyl methacrylate	2.5	U	40.0	40.2		ug/L		100	70 - 130
4-Methyl-2-pentanone (MIBK)	3.8	U	40.0	47.5		ug/L		119	64 - 137
Propionitrile	7.2	U	40.0	40.9	I	ug/L		102	70 - 130
Styrene	0.98	U	20.0	23.5		ug/L		118	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	20.0	21.9		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	20.0	19.5		ug/L		98	70 - 130
Tetrachloroethene	0.50	U	20.0	20.1		ug/L		100	50 - 143
Toluene	29		20.0	45.5		ug/L		84	70 - 131
trans-1,2-Dichloroethene	0.44	U	20.0	18.4		ug/L		92	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	19.2		ug/L		96	67 - 130
1,1,1-Trichloroethane	0.46	U	20.0	20.6		ug/L		103	63 - 132
1,1,2-Trichloroethane	0.47	U	20.0	22.9		ug/L		115	70 - 130
Trichloroethene	0.50	U	20.0	19.5		ug/L		98	63 - 139
Trichlorofluoromethane	2.5	U	20.0	22.6		ug/L		113	62 - 146
1,2,3-Trichloropropane	0.18	U	20.0	23.4		ug/L		117	66 - 130
Vinyl acetate	1.5	U	20.0	23.1		ug/L		116	31 - 146

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: 660-48951-2 MS

Matrix: Water

Analysis Batch: 127006

Client Sample ID: Phase 2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	2.2		20.0	19.5		ug/L		86	48 - 147
Xylenes, Total	40		60.0	108		ug/L		113	68 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene	107		70 - 130						
Dibromofluoromethane	101		70 - 130						
Toluene-d8 (Surr)	100		70 - 130						

Lab Sample ID: 660-48951-1 DU

Matrix: Water

Analysis Batch: 127006

Client Sample ID: Phase 3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	580		634	L	ug/L		9	30
Acetonitrile	20	U	20	U	ug/L		NC	30
Acrolein	3.8	U	3.8	U	ug/L		NC	30
Acrylonitrile	1.2	U	1.2	U	ug/L		NC	30
Allyl chloride	2.5	U	2.5	U	ug/L		NC	30
Benzene	3.1		3.13		ug/L		2	30
Bromoform	0.58	U	0.58	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	1100		1230	L	ug/L		10	30
Carbon disulfide	2.5		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
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.34		0.34	U	ug/L		NC	30
Dibromochloromethane	0.34	U	0.34	U	ug/L		NC	30
Chloroethane	3.1	I	5.10	J3	ug/L		48	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
1,2-Dichlorobenzene	0.44		0.44	U	ug/L		NC	30
Chloroprene	2.5	U	2.5	U	ug/L		NC	30
1,4-Dichlorobenzene	1.5		1.66		ug/L		9	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Bromodichloromethane	0.35	U	0.35	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
Dichlorobromomethane	0.35		0.35	U	ug/L		NC	30
Dibromomethane	0.41	U	0.41	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.45	U	0.45	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.39	U	0.39	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.31	U	0.31	U	ug/L		NC	30
Ethylbenzene	12		11.6		ug/L		5	30
Ethyl methacrylate	2.5	U	2.5	U	ug/L		NC	30

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: 660-48951-1 DU

Matrix: Water

Analysis Batch: 127006

Client Sample ID: Phase 3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	2.5	U	2.5	U	ug/L		NC	30
Isobutyl alcohol	31	U	31	U	ug/L		NC	30
Methacrylonitrile	1.8	U	1.8	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
Methyl methacrylate	2.5	U	2.5	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	11		10.4		ug/L		4	30
Propionitrile	7.2	U	7.2	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.15	U	0.15	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	63		61.1		ug/L		3	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
1,1,1-Trichloroethane	0.46	U	0.46	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	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
1,2,3-Trichloropropane	0.18	U	0.18	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	11		10.2		ug/L		6	30

Surrogate	%Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	92		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: MB 660-127039/5

Matrix: Water

Analysis Batch: 127039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			07/25/12 11:17	1
Acetonitrile	20	U	20	20	ug/L			07/25/12 11:17	1
Acrolein	3.8	U	5.0	3.8	ug/L			07/25/12 11:17	1
Acrylonitrile	1.2	U	10	1.2	ug/L			07/25/12 11:17	1
Allyl chloride	2.5	U	5.0	2.5	ug/L			07/25/12 11:17	1
Benzene	0.50	U	1.0	0.50	ug/L			07/25/12 11:17	1
Bromoform	0.58	U	1.0	0.58	ug/L			07/25/12 11:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/25/12 11:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/25/12 11:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			07/25/12 11:17	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			07/25/12 11:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/25/12 11:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/25/12 11:17	1
Chlorodibromomethane	0.34	U	1.0	0.34	ug/L			07/25/12 11:17	1
Dibromochloromethane	0.34	U	1.0	0.34	ug/L			07/25/12 11:17	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: MB 660-127039/5

Matrix: Water

Analysis Batch: 127039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			07/25/12 11:17	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/25/12 11:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			07/25/12 11:17	1
1,2-Dichlorobenzene	0.44	U	1.0	0.44	ug/L			07/25/12 11:17	1
Chloroprene	2.5	U	5.0	2.5	ug/L			07/25/12 11:17	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			07/25/12 11:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/25/12 11:17	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			07/25/12 11:17	1
cis-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/25/12 11:17	1
Dichlorobromomethane	0.35	U	1.0	0.35	ug/L			07/25/12 11:17	1
Dibromomethane	0.41	U	1.0	0.41	ug/L			07/25/12 11:17	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			07/25/12 11:17	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			07/25/12 11:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/25/12 11:17	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			07/25/12 11:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/25/12 11:17	1
1,3-Dichloropropane	0.39	U	1.0	0.39	ug/L			07/25/12 11:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			07/25/12 11:17	1
1,1-Dichloropropene	0.31	U	1.0	0.31	ug/L			07/25/12 11:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			07/25/12 11:17	1
Ethyl methacrylate	2.5	U	5.0	2.5	ug/L			07/25/12 11:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			07/25/12 11:17	1
Iodomethane	2.5	U	5.0	2.5	ug/L			07/25/12 11:17	1
Isobutyl alcohol	31	U	200	31	ug/L			07/25/12 11:17	1
Methacrylonitrile	1.8	U	10	1.8	ug/L			07/25/12 11:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			07/25/12 11:17	1
Methyl methacrylate	2.5	U	5.0	2.5	ug/L			07/25/12 11:17	1
4-Methyl-2-pentanone (MIBK)	3.8	U	10	3.8	ug/L			07/25/12 11:17	1
Propionitrile	7.2	U	100	7.2	ug/L			07/25/12 11:17	1
Styrene	0.98	U	2.0	0.98	ug/L			07/25/12 11:17	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/25/12 11:17	1
1,1,1,2,2-Tetrachloroethane	0.15	U	1.0	0.15	ug/L			07/25/12 11:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/25/12 11:17	1
Toluene	0.51	U	1.0	0.51	ug/L			07/25/12 11:17	1
trans-1,4-Dichloro-2-butene	2.5	U	10	2.5	ug/L			07/25/12 11:17	1
trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L			07/25/12 11:17	1
trans-1,3-Dichloropropene	0.14	U	1.0	0.14	ug/L			07/25/12 11:17	1
1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L			07/25/12 11:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/25/12 11:17	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			07/25/12 11:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/25/12 11:17	1
1,2,3-Trichloropropane	0.18	U	1.0	0.18	ug/L			07/25/12 11:17	1
Vinyl acetate	1.5	U	10	1.5	ug/L			07/25/12 11:17	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			07/25/12 11:17	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			07/25/12 11:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		07/25/12 11:17	1
Dibromofluoromethane	99		70 - 130		07/25/12 11:17	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: MB 660-127039/5

Matrix: Water

Analysis Batch: 127039

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		70 - 130		07/25/12 11:17	1

Lab Sample ID: LCS 660-127039/3

Matrix: Water

Analysis Batch: 127039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	51.4		ug/L		128	62 - 142
Acetonitrile	400	393		ug/L		98	70 - 130
Acrolein	100	113		ug/L		113	54 - 145
Acrylonitrile	40.0	37.6		ug/L		94	59 - 146
Allyl chloride	40.0	41.0		ug/L		102	70 - 130
Benzene	20.0	19.8		ug/L		99	68 - 134
Bromoform	20.0	18.8		ug/L		94	65 - 130
Bromomethane	20.0	21.1		ug/L		106	22 - 150
2-Butanone (MEK)	40.0	41.4		ug/L		103	63 - 140
Carbon disulfide	40.0	39.6		ug/L		99	30 - 150
Carbon tetrachloride	20.0	19.6		ug/L		98	61 - 134
Chlorobenzene	20.0	19.8		ug/L		99	70 - 130
Chlorobromomethane	20.0	18.6		ug/L		93	70 - 130
Chlorodibromomethane	20.0	19.5		ug/L		98	70 - 130
Dibromochloromethane	20.0	19.5		ug/L		98	70 - 130
Chloroethane	20.0	21.7		ug/L		109	39 - 150
Chloroform	20.0	19.5		ug/L		97	68 - 130
Chloromethane	20.0	19.8		ug/L		99	35 - 150
1,2-Dichlorobenzene	20.0	19.5		ug/L		97	70 - 130
Chloroprene	20.0	20.9		ug/L		105	70 - 130
1,4-Dichlorobenzene	20.0	19.7		ug/L		99	70 - 130
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	66 - 130
Bromodichloromethane	20.0	20.0		ug/L		100	70 - 130
cis-1,3-Dichloropropene	20.0	20.3		ug/L		102	70 - 130
Dichlorobromomethane	20.0	20.0		ug/L		100	70 - 130
Dibromomethane	20.0	19.8		ug/L		99	70 - 130
Dichlorodifluoromethane	20.0	29.0		ug/L		145	16 - 149
1,1-Dichloroethane	20.0	19.4		ug/L		97	66 - 130
1,2-Dichloroethane	20.0	19.6		ug/L		98	70 - 130
1,1-Dichloroethene	20.0	18.0		ug/L		90	51 - 150
1,2-Dichloropropane	20.0	20.1		ug/L		101	70 - 130
1,3-Dichloropropane	20.0	19.6		ug/L		98	70 - 130
2,2-Dichloropropane	20.0	19.4		ug/L		97	66 - 134
1,1-Dichloropropene	20.0	19.1		ug/L		96	65 - 136
Ethylbenzene	20.0	20.3		ug/L		101	70 - 130
Ethyl methacrylate	40.0	35.8		ug/L		89	70 - 130
2-Hexanone	40.0	39.5		ug/L		99	60 - 148
Iodomethane	40.0	36.3		ug/L		91	70 - 130
Isobutyl alcohol	400	364		ug/L		91	70 - 130
Methacrylonitrile	40.0	38.5		ug/L		96	70 - 130
Methylene Chloride	20.0	19.5		ug/L		97	57 - 130
Methyl methacrylate	40.0	38.9		ug/L		97	70 - 130

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: LCS 660-127039/3

Matrix: Water

Analysis Batch: 127039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	40.0	37.1		ug/L		93	64 - 137
Propionitrile	40.0	38.6	I	ug/L		96	70 - 130
Styrene	20.0	17.2		ug/L		86	68 - 131
1,1,1,2-Tetrachloroethane	20.0	19.5		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		93	70 - 130
Tetrachloroethene	20.0	19.6		ug/L		98	50 - 143
Toluene	20.0	19.6		ug/L		98	70 - 131
trans-1,4-Dichloro-2-butene	40.0	34.8		ug/L		87	70 - 130
trans-1,2-Dichloroethene	20.0	18.5		ug/L		92	62 - 139
trans-1,3-Dichloropropene	20.0	19.0		ug/L		95	67 - 130
1,1,1-Trichloroethane	20.0	19.8		ug/L		99	63 - 132
1,1,2-Trichloroethane	20.0	19.9		ug/L		100	70 - 130
Trichloroethene	20.0	20.0		ug/L		100	63 - 139
Trichlorofluoromethane	20.0	22.1		ug/L		111	62 - 146
1,2,3-Trichloropropane	20.0	18.1		ug/L		90	66 - 130
Vinyl acetate	20.0	23.9		ug/L		119	31 - 146
Vinyl chloride	20.0	22.6		ug/L		113	48 - 147
Xylenes, Total	60.0	60.8		ug/L		101	68 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: 660-49021-B-2 MS

Matrix: Water

Analysis Batch: 127039

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
Acetone	9.9	U	40.0	36.8		ug/L		92	62 - 142
Acetonitrile	20	U	400	392		ug/L		98	70 - 130
Acrolein	3.8	U	100	112		ug/L		112	54 - 145
Acrylonitrile	1.2	U	40.0	39.1		ug/L		98	59 - 146
Allyl chloride	2.5	U	40.0	39.1		ug/L		98	70 - 130
Benzene	8.0		20.0	28.2		ug/L		101	68 - 134
Bromoform	0.58	U	20.0	18.8		ug/L		94	65 - 130
Bromomethane	2.5	U	20.0	15.8		ug/L		79	22 - 150
2-Butanone (MEK)	8.4	U	40.0	39.8		ug/L		99	63 - 140
Carbon disulfide	1.0	U	40.0	36.4		ug/L		91	30 - 150
Carbon tetrachloride	0.42	U	20.0	19.1		ug/L		95	61 - 134
Chlorobenzene	1.7		20.0	22.1		ug/L		102	70 - 130
Chlorobromomethane	0.58	U	20.0	19.3		ug/L		97	70 - 130
Chlorodibromomethane	0.34		20.0	19.0		ug/L		95	70 - 130
Dibromochloromethane	0.34	U	20.0	19.0		ug/L		95	70 - 130
Chloroethane	2.5	U	20.0	20.3		ug/L		101	39 - 150
Chloroform	0.90	U	20.0	19.5		ug/L		98	68 - 130
Chloromethane	1.0	U	20.0	19.8		ug/L		99	35 - 150
1,2-Dichlorobenzene	3.3		20.0	22.9		ug/L		98	70 - 130
Chloroprene	2.5	U	20.0	20.1		ug/L		100	70 - 130

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: 660-49021-B-2 MS

Matrix: Water

Analysis Batch: 127039

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
1,4-Dichlorobenzene	0.77		20.0	20.8		ug/L		100	70 - 130
cis-1,2-Dichloroethene	0.65	U	20.0	20.2		ug/L		101	66 - 130
Bromodichloromethane	0.35	U	20.0	20.0		ug/L		100	70 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	19.5		ug/L		98	70 - 130
Dichlorobromomethane	0.35		20.0	20.0		ug/L		100	70 - 130
Dibromomethane	0.41	U	20.0	19.7		ug/L		99	70 - 130
Dichlorodifluoromethane	2.5	U	20.0	25.3		ug/L		127	16 - 149
1,1-Dichloroethane	1.4		20.0	20.5		ug/L		96	66 - 130
1,2-Dichloroethane	0.57	U	20.0	20.3		ug/L		101	70 - 130
1,1-Dichloroethene	0.45	U	20.0	18.2		ug/L		91	51 - 150
1,2-Dichloropropane	0.52	U	20.0	19.7		ug/L		99	70 - 130
1,3-Dichloropropane	0.39	U	20.0	19.8		ug/L		99	70 - 130
2,2-Dichloropropane	0.36	U	20.0	18.4		ug/L		92	66 - 134
1,1-Dichloropropene	0.31	U	20.0	18.9		ug/L		95	65 - 136
Ethylbenzene	0.44	U	20.0	20.6		ug/L		103	70 - 130
Ethyl methacrylate	2.5	U	40.0	35.7		ug/L		89	70 - 130
2-Hexanone	4.4	U	40.0	37.9		ug/L		95	60 - 148
Iodomethane	2.5	U	40.0	37.6		ug/L		94	70 - 130
Isobutyl alcohol	31	U	400	365		ug/L		91	70 - 130
Methacrylonitrile	1.8	U	40.0	39.5		ug/L		99	70 - 130
Methylene Chloride	4.0	U	20.0	19.4		ug/L		97	57 - 130
Methyl methacrylate	2.5	U	40.0	38.5		ug/L		96	70 - 130
4-Methyl-2-pentanone (MIBK)	3.8	U	40.0	37.5		ug/L		94	64 - 137
Propionitrile	7.2	U	40.0	36.6	I	ug/L		91	70 - 130
Styrene	0.98	U	20.0	17.2		ug/L		86	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	20.0	19.6		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	20.0	19.5		ug/L		97	70 - 130
Tetrachloroethene	0.50	U	20.0	19.8		ug/L		99	50 - 143
Toluene	0.51	U	20.0	20.5		ug/L		103	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	40.0	33.5		ug/L		84	70 - 130
trans-1,2-Dichloroethene	0.44	U	20.0	18.1		ug/L		91	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	18.6		ug/L		93	67 - 130
1,1,1-Trichloroethane	0.46	U	20.0	18.7		ug/L		94	63 - 132
1,1,2-Trichloroethane	0.47	U	20.0	20.1		ug/L		101	70 - 130
Trichloroethene	0.50	U	20.0	20.8		ug/L		104	63 - 139
Trichlorofluoromethane	2.5	U	20.0	21.3		ug/L		107	62 - 146
1,2,3-Trichloropropane	0.18	U	20.0	19.8		ug/L		99	66 - 130
Vinyl acetate	1.5	U	20.0	23.6		ug/L		118	31 - 146
Vinyl chloride	2.4		20.0	23.5		ug/L		106	48 - 147
Xylenes, Total	0.50	U	60.0	63.6		ug/L		106	68 - 130

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

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: 660-49021-B-1 DU

Matrix: Water

Analysis Batch: 127039

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Acetone	9.9	U	9.9	U	ug/L		NC	30
Acetonitrile	20	U	20	U	ug/L		NC	30
Acrolein	3.8	U	3.8	U	ug/L		NC	30
Acrylonitrile	1.2	U	1.2	U	ug/L		NC	30
Allyl chloride	2.5	U	2.5	U	ug/L		NC	30
Benzene	34		37.4		ug/L		9	30
Bromoform	0.58	U	0.58	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	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	2.4		2.43		ug/L		2	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.34		0.34	U	ug/L		NC	30
Dibromochloromethane	0.34	U	0.34	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
1,2-Dichlorobenzene	4.1		4.14		ug/L		0.04	30
Chloroprene	2.5	U	2.5	U	ug/L		NC	30
1,4-Dichlorobenzene	1.1		1.04		ug/L		4	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Bromodichloromethane	0.35	U	0.35	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.14	U	0.14	U	ug/L		NC	30
Dichlorobromomethane	0.35		0.35	U	ug/L		NC	30
Dibromomethane	0.41	U	0.41	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.45	U	0.45	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.39	U	0.39	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.31	U	0.31	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethyl methacrylate	2.5	U	2.5	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Iodomethane	2.5	U	2.5	U	ug/L		NC	30
Isobutyl alcohol	31	U	31	U	ug/L		NC	30
Methacrylonitrile	1.8	U	1.8	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
Methyl methacrylate	2.5	U	2.5	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	U	ug/L		NC	30
Propionitrile	7.2	U	7.2	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.15	U	0.15	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

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: 660-49021-B-1 DU

Matrix: Water

Analysis Batch: 127039

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
trans-1,4-Dichloro-2-butene	2.5	U	2.5	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
1,1,1-Trichloroethane	0.46	U	0.46	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	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
1,2,3-Trichloropropane	0.18	U	0.18	U	ug/L		NC	30
Vinyl acetate	1.5	U	1.5	U	ug/L		NC	30
Vinyl chloride	1.8		2.00		ug/L		12	30
Xylenes, Total	0.50	U	0.50	U	ug/L		NC	30

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	98		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: MB 660-127178/7

Matrix: Solid

Analysis Batch: 127178

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	ug/L			07/30/12 12:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/30/12 12:09	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			07/30/12 12:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/30/12 12:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/30/12 12:09	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			07/30/12 12:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/30/12 12:09	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			07/30/12 12:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/30/12 12:09	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			07/30/12 12:09	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			07/30/12 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		70 - 130		07/30/12 12:09	1
Dibromofluoromethane	104		70 - 130		07/30/12 12:09	1
Toluene-d8 (Surr)	101		70 - 130		07/30/12 12:09	1

Lab Sample ID: LCS 660-127178/5

Matrix: Solid

Analysis Batch: 127178

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	19.1		ug/L		96	68 - 134
2-Butanone (MEK)	40.0	43.0		ug/L		107	63 - 140
Carbon tetrachloride	20.0	20.3		ug/L		101	61 - 134
Chlorobenzene	20.0	18.4		ug/L		92	70 - 130
Chloroform	20.0	19.8		ug/L		99	68 - 130

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: LCS 660-127178/5

Matrix: Solid

Analysis Batch: 127178

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	20.0	18.6		ug/L		93	70 - 130
1,2-Dichloroethane	20.0	19.8		ug/L		99	70 - 130
1,1-Dichloroethene	20.0	18.5		ug/L		92	51 - 150
Tetrachloroethene	20.0	17.7		ug/L		89	50 - 143
Trichloroethene	20.0	19.6		ug/L		98	63 - 139
Vinyl chloride	20.0	16.9		ug/L		84	48 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	94		70 - 130
Dibromofluoromethane	105		70 - 130
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LB 660-127138/1-A LB

Matrix: Solid

Analysis Batch: 127167

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	ug/L			07/27/12 23:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/27/12 23:21	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			07/27/12 23:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/27/12 23:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/27/12 23:21	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			07/27/12 23:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/27/12 23:21	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			07/27/12 23:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/27/12 23:21	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			07/27/12 23:21	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			07/27/12 23:21	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 130		07/27/12 23:21	1
Dibromofluoromethane	104		70 - 130		07/27/12 23:21	1
Toluene-d8 (Surr)	98		70 - 130		07/27/12 23:21	1

Lab Sample ID: 640-39620-B-2-A MS

Matrix: Solid

Analysis Batch: 127178

Client Sample ID: Matrix Spike

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	5.0	U	200	196		ug/L		98	68 - 134
2-Butanone (MEK)	84	U	400	452		ug/L		113	63 - 140
Carbon tetrachloride	4.2	U	200	197		ug/L		98	61 - 134
Chlorobenzene	6.3	U	200	190		ug/L		95	70 - 130
Chloroform	9.0	U	200	206		ug/L		103	68 - 130
1,4-Dichlorobenzene	5.2	U	200	186		ug/L		93	70 - 130
1,2-Dichloroethane	5.7	U	200	210		ug/L		105	70 - 130
1,1-Dichloroethene	4.5	U	200	173		ug/L		86	51 - 150
Tetrachloroethene	5.0	U	200	173		ug/L		86	50 - 143
Trichloroethene	5.0	U	200	196		ug/L		98	63 - 139

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: 640-39620-B-2-A MS

Matrix: Solid

Analysis Batch: 127178

Client Sample ID: Matrix Spike

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	5.0	U	200	156		ug/L		78	48 - 147
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene	94		70 - 130						
Dibromofluoromethane	104		70 - 130						
Toluene-d8 (Surr)	98		70 - 130						

Lab Sample ID: 640-39620-B-2-A MSD

Matrix: Solid

Analysis Batch: 127178

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	5.0	U	200	191		ug/L		96	68 - 134	3	30
2-Butanone (MEK)	84	U	400	384		ug/L		96	63 - 140	16	30
Carbon tetrachloride	4.2	U	200	190		ug/L		95	61 - 134	4	30
Chlorobenzene	6.3	U	200	188		ug/L		94	70 - 130	1	30
Chloroform	9.0	U	200	198		ug/L		99	68 - 130	4	30
1,4-Dichlorobenzene	5.2	U	200	189		ug/L		95	70 - 130	2	30
1,2-Dichloroethane	5.7	U	200	203		ug/L		102	70 - 130	3	30
1,1-Dichloroethene	4.5	U	200	168		ug/L		84	51 - 150	3	30
Tetrachloroethene	5.0	U	200	167		ug/L		84	50 - 143	3	30
Trichloroethene	5.0	U	200	189		ug/L		94	63 - 139	4	30
Vinyl chloride	5.0	U	200	150		ug/L		75	48 - 147	4	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene	94		70 - 130								
Dibromofluoromethane	102		70 - 130								
Toluene-d8 (Surr)	98		70 - 130								

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-126925/1-A

Matrix: Water

Analysis Batch: 127062

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 126925

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	1.5	U	10	1.5	ug/L		07/24/12 08:48	07/25/12 15:05	1
2-Acetylaminofluorene	0.77	U	10	0.77	ug/L		07/24/12 08:48	07/25/12 15:05	1
4-Aminobiphenyl	0.81	U	10	0.81	ug/L		07/24/12 08:48	07/25/12 15:05	1
Benzyl alcohol	2.9	U	10	2.9	ug/L		07/24/12 08:48	07/25/12 15:05	1
Bis(2-chloroethoxy)methane	2.0	U	10	2.0	ug/L		07/24/12 08:48	07/25/12 15:05	1
Bis(2-chloroethyl)ether	2.6	U	10	2.6	ug/L		07/24/12 08:48	07/25/12 15:05	1
bis (2-chloroisopropyl) ether	2.1	U	10	2.1	ug/L		07/24/12 08:48	07/25/12 15:05	1
Bis(2-ethylhexyl) phthalate	1.3	U	6.0	1.3	ug/L		07/24/12 08:48	07/25/12 15:05	1
4-Bromophenyl phenyl ether	1.7	U	10	1.7	ug/L		07/24/12 08:48	07/25/12 15:05	1
Butyl benzyl phthalate	1.2	U	10	1.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
4-Chloroaniline	2.1	U	20	2.1	ug/L		07/24/12 08:48	07/25/12 15:05	1
4-Chloro-3-methylphenol	1.7	U	10	1.7	ug/L		07/24/12 08:48	07/25/12 15:05	1
2-Chloronaphthalene	1.6	U	10	1.6	ug/L		07/24/12 08:48	07/25/12 15:05	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-126925/1-A

Matrix: Water

Analysis Batch: 127047

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 126925

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	2.1	U	10	2.1	ug/L		07/24/12 08:48	07/25/12 15:05	1
4-Chlorophenyl phenyl ether	1.8	U	10	1.8	ug/L		07/24/12 08:48	07/25/12 15:05	1
Diallate	1.4	U	10	1.4	ug/L		07/24/12 08:48	07/25/12 15:05	1
Dibenzofuran	1.6	U	10	1.6	ug/L		07/24/12 08:48	07/25/12 15:05	1
1,2-Dichlorobenzene	1.1	U	10	1.1	ug/L		07/24/12 08:48	07/25/12 15:05	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		07/24/12 08:48	07/25/12 15:05	1
1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
3,3'-Dichlorobenzidine	1.6	U	20	1.6	ug/L		07/24/12 08:48	07/25/12 15:05	1
2,4-Dichlorophenol	1.8	U	10	1.8	ug/L		07/24/12 08:48	07/25/12 15:05	1
2,6-Dichlorophenol	1.6	U	10	1.6	ug/L		07/24/12 08:48	07/25/12 15:05	1
Diethyl phthalate	2.5	U	10	2.5	ug/L		07/24/12 08:48	07/25/12 15:05	1
7,12-Dimethylbenz(a)anthracene	0.92	U	10	0.92	ug/L		07/24/12 08:48	07/25/12 15:05	1
3,3'-Dimethylbenzidine	14	U	20	14	ug/L		07/24/12 08:48	07/25/12 15:05	1
2,4-Dimethylphenol	1.8	U	10	1.8	ug/L		07/24/12 08:48	07/25/12 15:05	1
Dimethyl phthalate	2.5	U	10	2.5	ug/L		07/24/12 08:48	07/25/12 15:05	1
Di-n-butyl phthalate	2.5	U	10	2.5	ug/L		07/24/12 08:48	07/25/12 15:05	1
m-Dinitrobenzene	0.99	U	10	0.99	ug/L		07/24/12 08:48	07/25/12 15:05	1
4,6-Dinitro-2-methylphenol	1.5	U	50	1.5	ug/L		07/24/12 08:48	07/25/12 15:05	1
2,4-Dinitrophenol	6.2	U	50	6.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
2,4-Dinitrotoluene	0.91	U	10	0.91	ug/L		07/24/12 08:48	07/25/12 15:05	1
2,6-Dinitrotoluene	0.72	U	10	0.72	ug/L		07/24/12 08:48	07/25/12 15:05	1
Di-n-octyl phthalate	2.5	U	10	2.5	ug/L		07/24/12 08:48	07/25/12 15:05	1
Ethyl methanesulfonate	1.3	U	10	1.3	ug/L		07/24/12 08:48	07/25/12 15:05	1
Hexachlorobenzene	1.7	U	4.0	1.7	ug/L		07/24/12 08:48	07/25/12 15:05	1
Hexachlorobutadiene	1.0	U	10	1.0	ug/L		07/24/12 08:48	07/25/12 15:05	1
Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
Hexachloroethane	0.85	U	10	0.85	ug/L		07/24/12 08:48	07/25/12 15:05	1
Hexachloropropene	0.66	U	10	0.66	ug/L		07/24/12 08:48	07/25/12 15:05	1
Isophorone	1.4	U	10	1.4	ug/L		07/24/12 08:48	07/25/12 15:05	1
Isosafrole	1.6	U	10	1.6	ug/L		07/24/12 08:48	07/25/12 15:05	1
Methapyrilene	1.1	U	2000	1.1	ug/L		07/24/12 08:48	07/25/12 15:05	1
3-Methylcholanthrene	0.56	U	10	0.56	ug/L		07/24/12 08:48	07/25/12 15:05	1
Methyl methanesulfonate	1.2	U	10	1.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
2-Methylphenol	2.3	U	10	2.3	ug/L		07/24/12 08:48	07/25/12 15:05	1
3 & 4 Methylphenol	2.4	U	10	2.4	ug/L		07/24/12 08:48	07/25/12 15:05	1
1,4-Naphthoquinone	1.1	U	10	1.1	ug/L		07/24/12 08:48	07/25/12 15:05	1
1-Naphthylamine	0.84	U	10	0.84	ug/L		07/24/12 08:48	07/25/12 15:05	1
2-Naphthylamine	1.0	U	10	1.0	ug/L		07/24/12 08:48	07/25/12 15:05	1
2-Nitroaniline	1.4	U	50	1.4	ug/L		07/24/12 08:48	07/25/12 15:05	1
3-Nitroaniline	1.2	U	50	1.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
4-Nitroaniline	1.4	U	50	1.4	ug/L		07/24/12 08:48	07/25/12 15:05	1
Nitrobenzene	1.9	U	10	1.9	ug/L		07/24/12 08:48	07/25/12 15:05	1
2-Nitrophenol	1.2	U	10	1.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
4-Nitrophenol	6.2	U	50	6.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
N-Nitro-o-toluidine	0.90	U	10	0.90	ug/L		07/24/12 08:48	07/25/12 15:05	1
N-Nitrosodiethylamine	1.5	U	10	1.5	ug/L		07/24/12 08:48	07/25/12 15:05	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		07/24/12 08:48	07/25/12 15:05	1
N-Nitrosodi-n-butylamine	1.5	U	10	1.5	ug/L		07/24/12 08:48	07/25/12 15:05	1
N-Nitrosodi-n-propylamine	1.9	U	10	1.9	ug/L		07/24/12 08:48	07/25/12 15:05	1
N-Nitrosodiphenylamine	1.6	U	10	1.6	ug/L		07/24/12 08:48	07/25/12 15:05	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-126925/1-A

Matrix: Water

Analysis Batch: 127062

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 126925

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomethylethylamine	1.6	U	10	1.6	ug/L		07/24/12 08:48	07/25/12 15:05	1
N-Nitrosopiperidine	0.87	U	10	0.87	ug/L		07/24/12 08:48	07/25/12 15:05	1
N-Nitrosopyrrolidine	1.2	U	10	1.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
o,o',o"-Triethylphosphorothioate	1.8	U	10	1.8	ug/L		07/24/12 08:48	07/25/12 15:05	1
p-Dimethylamino azobenzene	0.67	U	10	0.67	ug/L		07/24/12 08:48	07/25/12 15:05	1
Pentachlorobenzene	0.99	U	10	0.99	ug/L		07/24/12 08:48	07/25/12 15:05	1
Pentachloronitrobenzene	1.5	U	10	1.5	ug/L		07/24/12 08:48	07/25/12 15:05	1
Pentachlorophenol	1.5	U	15	1.5	ug/L		07/24/12 08:48	07/25/12 15:05	1
Phenacetin	0.84	U	10	0.84	ug/L		07/24/12 08:48	07/25/12 15:05	1
Phenol	2.4	U	4.0	2.4	ug/L		07/24/12 08:48	07/25/12 15:05	1
p-Phenylene diamine	3.1	U	2000	3.1	ug/L		07/24/12 08:48	07/25/12 15:05	1
Pronamide	0.70	U	10	0.70	ug/L		07/24/12 08:48	07/25/12 15:05	1
Safrole, Total	1.2	U	10	1.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
1,2,4,5-Tetrachlorobenzene	1.1	U	10	1.1	ug/L		07/24/12 08:48	07/25/12 15:05	1
2,3,4,6-Tetrachlorophenol	0.65	U	10	0.65	ug/L		07/24/12 08:48	07/25/12 15:05	1
2-Toluidine	1.2	U	10	1.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
1,2,4-Trichlorobenzene	1.2	U	10	1.2	ug/L		07/24/12 08:48	07/25/12 15:05	1
2,4,5-Trichlorophenol	2.1	U	10	2.1	ug/L		07/24/12 08:48	07/25/12 15:05	1
2,4,6-Trichlorophenol	1.9	U	10	1.9	ug/L		07/24/12 08:48	07/25/12 15:05	1
1,3,5-Trinitrobenzene	0.61	U	10	0.61	ug/L		07/24/12 08:48	07/25/12 15:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		36 - 124	07/24/12 08:48	07/25/12 15:05	1
2-Fluorophenol	53		29 - 121	07/24/12 08:48	07/25/12 15:05	1
Nitrobenzene-d5	65		34 - 130	07/24/12 08:48	07/25/12 15:05	1
Phenol-d6 (Surr)	48		25 - 128	07/24/12 08:48	07/25/12 15:05	1
Terphenyl-d14	83		14 - 148	07/24/12 08:48	07/25/12 15:05	1
2,4,6-Tribromophenol	67		29 - 143	07/24/12 08:48	07/25/12 15:05	1

Lab Sample ID: LCS 660-126925/2-A

Matrix: Water

Analysis Batch: 127062

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126925

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	100	56.6		ug/L		57	10 - 150
2-Acetylaminofluorene	100	75.5		ug/L		76	25 - 150
4-Aminobiphenyl	100	44.2		ug/L		44	10 - 150
Diallate	100	63.4		ug/L		63	10 - 150
3,3'-Dichlorobenzidine	100	59.4		ug/L		59	10 - 130
2,6-Dichlorophenol	100	56.4		ug/L		56	10 - 150
7,12-Dimethylbenz(a)anthracene	100	58.0		ug/L		58	10 - 150
3,3'-Dimethylbenzidine	100	29.4		ug/L		29	10 - 150
Ethyl methanesulfonate	100	49.9		ug/L		50	10 - 150
Hexachloropropene	100	16.8		ug/L		17	10 - 150
Isosafrole	100	53.6		ug/L		54	10 - 150
Methapyrilene	100	93.2	I	ug/L		93	10 - 150
3-Methylcholanthrene	100	61.2		ug/L		61	30 - 130
Methyl methanesulfonate	100	36.2		ug/L		36	10 - 150
1,4-Naphthoquinone	100	16.1		ug/L		16	10 - 150

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-126925/2-A

Matrix: Water

Analysis Batch: 127062

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126925

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Naphthylamine	100	50.7		ug/L		51	10 - 150
2-Naphthylamine	100	49.1		ug/L		49	10 - 150
N-Nitro-o-toluidine	100	74.7		ug/L		75	10 - 150
N-Nitrosodiethylamine	100	57.6		ug/L		58	10 - 150
N-Nitrosodi-n-butylamine	100	62.0		ug/L		62	10 - 150
N-Nitrosomethylethylamine	100	54.1		ug/L		54	10 - 133
N-Nitrosopiperidine	100	57.3		ug/L		57	10 - 150
N-Nitrosopyrrolidine	100	54.3		ug/L		54	10 - 150
o,o',o''-Triethylphosphorothioate	100	58.0		ug/L		58	10 - 150
p-Dimethylamino azobenzene	100	82.2		ug/L		82	10 - 150
Pentachlorobenzene	100	53.4		ug/L		53	10 - 150
Pentachloronitrobenzene	100	79.2		ug/L		79	10 - 150
Phenacetin	100	77.5		ug/L		77	10 - 150
p-Phenylene diamine	100	3.1	U J3	ug/L		0.7	10 - 150
Pronamide	100	80.4		ug/L		80	10 - 150
Safrole, Total	100	50.2		ug/L		50	10 - 150
1,2,4,5-Tetrachlorobenzene	100	44.3		ug/L		44	10 - 150
2-Toluidine	100	36.1		ug/L		36	30 - 130
1,3,5-Trinitrobenzene	100	77.2		ug/L		77	10 - 150

Lab Sample ID: LCS 660-126925/2-A

Matrix: Water

Analysis Batch: 127047

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126925

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzyl alcohol	100	61.3		ug/L		61	26 - 130
Bis(2-chloroethoxy)methane	100	66.5		ug/L		67	39 - 132
Bis(2-chloroethyl)ether	100	61.9		ug/L		62	34 - 135
bis (2-chloroisopropyl) ether	100	59.1		ug/L		59	30 - 130
Bis(2-ethylhexyl) phthalate	100	87.5		ug/L		88	45 - 134
4-Bromophenyl phenyl ether	100	72.0		ug/L		72	46 - 130
Butyl benzyl phthalate	100	90.2		ug/L		90	43 - 135
4-Chloroaniline	100	44.9		ug/L		45	10 - 130
4-Chloro-3-methylphenol	100	69.1		ug/L		69	41 - 130
2-Chloronaphthalene	100	61.5		ug/L		62	45 - 130
2-Chlorophenol	100	56.6		ug/L		57	40 - 130
4-Chlorophenyl phenyl ether	100	61.3		ug/L		61	45 - 134
Dibenzofuran	100	60.5		ug/L		61	46 - 133
1,2-Dichlorobenzene	100	45.2		ug/L		45	35 - 130
1,3-Dichlorobenzene	100	42.3		ug/L		42	33 - 130
1,4-Dichlorobenzene	100	42.5		ug/L		42	38 - 130
2,4-Dichlorophenol	100	59.5		ug/L		59	40 - 135
Diethyl phthalate	100	74.7		ug/L		75	50 - 132
2,4-Dimethylphenol	100	60.6		ug/L		61	44 - 130
Dimethyl phthalate	100	71.8		ug/L		72	52 - 132
Di-n-butyl phthalate	100	85.7		ug/L		86	50 - 130
m-Dinitrobenzene	100	74.0		ug/L		74	10 - 150
4,6-Dinitro-2-methylphenol	100	75.9		ug/L		76	32 - 134
2,4-Dinitrophenol	100	72.5		ug/L		73	10 - 150
2,4-Dinitrotoluene	100	83.7		ug/L		84	48 - 131

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-126925/2-A

Matrix: Water

Analysis Batch: 127047

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126925

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	100	75.4		ug/L		75	54 - 132
Di-n-octyl phthalate	100	92.4		ug/L		92	37 - 136
Hexachlorobenzene	100	70.1		ug/L		70	35 - 136
Hexachlorobutadiene	100	33.1	J3	ug/L		33	34 - 130
Hexachlorocyclopentadiene	100	34.3		ug/L		34	10 - 130
Hexachloroethane	100	33.7		ug/L		34	31 - 130
Isophorone	100	60.6		ug/L		61	46 - 150
2-Methylphenol	100	56.8		ug/L		57	40 - 130
2-Nitroaniline	100	82.8		ug/L		83	52 - 130
3-Nitroaniline	100	74.3		ug/L		74	25 - 130
4-Nitroaniline	100	78.6		ug/L		79	39 - 130
Nitrobenzene	100	61.6		ug/L		62	45 - 130
2-Nitrophenol	100	63.3		ug/L		63	44 - 134
4-Nitrophenol	100	64.8		ug/L		65	25 - 130
N-Nitrosodimethylamine	100	48.2		ug/L		48	24 - 130
N-Nitrosodi-n-propylamine	100	64.3		ug/L		64	37 - 130
N-Nitrosodiphenylamine	100	63.2		ug/L		63	28 - 139
Pentachlorophenol	100	70.8		ug/L		71	30 - 134
Phenol	100	44.7		ug/L		45	18 - 130
2,3,4,6-Tetrachlorophenol	100	72.7		ug/L		73	10 - 130
1,2,4-Trichlorobenzene	100	45.1		ug/L		45	39 - 130
2,4,5-Trichlorophenol	100	71.6		ug/L		72	48 - 130
2,4,6-Trichlorophenol	100	66.2		ug/L		66	47 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	58		36 - 124
2-Fluorophenol	53		29 - 121
Nitrobenzene-d5	67		34 - 130
Phenol-d6 (Surr)	49		25 - 128
Terphenyl-d14	80		14 - 148
2,4,6-Tribromophenol	84		29 - 143

Lab Sample ID: 660-48951-4 MS

Matrix: Water

Analysis Batch: 127062

Client Sample ID: Phase 1,2,3, Comp

Prep Type: Total/NA

Prep Batch: 126925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	2.8	I	104	69.0		ug/L		64	10 - 150
2-Acetylaminofluorene	0.74	U	104	70.2		ug/L		67	25 - 150
4-Aminobiphenyl	0.78	U J3	104	3.16	I J3	ug/L		3	10 - 150
Benzyl alcohol	2.8	U	104	72.0		ug/L		69	26 - 130
Bis(2-chloroethoxy)methane	1.9	U	104	61.7		ug/L		59	39 - 132
Bis(2-chloroethyl)ether	2.5	U	104	60.5		ug/L		58	34 - 135
bis (2-chloroisopropyl) ether	2.0	U	104	57.7		ug/L		55	30 - 130
Bis(2-ethylhexyl) phthalate	1.3	U	104	66.1		ug/L		63	45 - 134
4-Bromophenyl phenyl ether	1.6	U	104	63.2		ug/L		61	46 - 130
Butyl benzyl phthalate	1.2	U	104	69.8		ug/L		67	43 - 135
4-Chloroaniline	2.0	U	104	35.4		ug/L		34	10 - 130
4-Chloro-3-methylphenol	1.6	U	104	71.9		ug/L		69	41 - 130

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-48951-4 MS

Matrix: Water

Analysis Batch: 127047

Client Sample ID: Phase 1,2,3, Comp

Prep Type: Total/NA

Prep Batch: 126925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloronaphthalene	1.5	U	104	62.7		ug/L		60	45 - 130
2-Chlorophenol	2.0	U	104	50.8		ug/L		49	40 - 130
4-Chlorophenyl phenyl ether	1.7	U	104	57.9		ug/L		56	45 - 134
Diallate	1.3	U	104	52.4		ug/L		50	10 - 150
Dibenzofuran	1.5	U	104	58.9		ug/L		57	46 - 133
1,2-Dichlorobenzene	1.1	U	104	45.9		ug/L		44	35 - 130
1,3-Dichlorobenzene	1.1	U	104	41.5		ug/L		40	33 - 130
1,4-Dichlorobenzene	3.1	I	104	47.4		ug/L		42	38 - 130
3,3'-Dichlorobenzidine	1.5	U J3	104	1.7	U J3	ug/L		0	10 - 130
2,4-Dichlorophenol	1.7	U	104	56.5		ug/L		54	40 - 135
2,6-Dichlorophenol	1.5	U	104	59.0		ug/L		57	10 - 150
Diethyl phthalate	3.5	I	104	55.2		ug/L		50	50 - 132
7,12-Dimethylbenz(a)anthracene	0.88	U	104	42.4		ug/L		41	10 - 150
3,3'-Dimethylbenzidine	13	U J3	104	15	U J3	ug/L		0	10 - 150
2,4-Dimethylphenol	2.0	I	104	61.9		ug/L		58	44 - 130
Dimethyl phthalate	2.4	U	104	54.1		ug/L		52	52 - 132
Di-n-butyl phthalate	2.4	U	104	64.2		ug/L		62	50 - 130
m-Dinitrobenzene	0.95	U	104	65.8		ug/L		63	10 - 150
4,6-Dinitro-2-methylphenol	1.4	U	104	49.5	I	ug/L		48	32 - 134
2,4-Dinitrophenol	6.0	U	104	56.2		ug/L		54	10 - 150
2,4-Dinitrotoluene	0.88	U	104	67.3		ug/L		65	48 - 131
2,6-Dinitrotoluene	3.5	I	104	72.6		ug/L		66	54 - 132
Di-n-octyl phthalate	2.4	U	104	73.2		ug/L		70	37 - 136
Ethyl methanesulfonate	1.3	U	104	58.3		ug/L		56	10 - 150
Hexachlorobenzene	1.6	U	104	57.4		ug/L		55	35 - 136
Hexachlorobutadiene	0.96	U J3	104	33.5	J3	ug/L		32	34 - 130
Hexachlorocyclopentadiene	1.2	U	104	32.1		ug/L		31	10 - 130
Hexachloroethane	0.82	U	104	34.1		ug/L		33	31 - 130
Hexachloropropene	0.63	U	104	10.5		ug/L		10	10 - 150
Isophorone	1.3	U	104	66.1		ug/L		63	46 - 150
Isosafrole	1.5	U	104	63.5		ug/L		61	10 - 150
Methapyrilene	1.1	U J3	104	1.1	U J3	ug/L		0	10 - 150
3-Methylcholanthrene	0.54	U	104	53.7		ug/L		52	30 - 130
Methyl methanesulfonate	1.2	U	104	41.2		ug/L		40	10 - 150
2-Methylphenol	2.2	U	104	56.9		ug/L		55	40 - 130
1,4-Naphthoquinone	1.1	U	104	20.4		ug/L		20	10 - 150
1-Naphthylamine	0.81	U J3	104	1.38	I J3	ug/L		1	10 - 150
2-Naphthylamine	0.96	U	104	13.9		ug/L		13	10 - 150
2-Nitroaniline	1.3	U	104	85.2		ug/L		82	52 - 130
3-Nitroaniline	1.2	U	104	57.5		ug/L		55	25 - 130
4-Nitroaniline	1.3	U	104	60.6		ug/L		58	39 - 130
Nitrobenzene	1.8	U	104	68.9		ug/L		66	45 - 130
2-Nitrophenol	1.2	U	104	54.1		ug/L		52	44 - 134
4-Nitrophenol	6.0	U J3	104	6.5	U J3	ug/L		0	25 - 130
N-Nitro-o-toluidine	0.87	U	104	60.1		ug/L		58	10 - 150
N-Nitrosodiethylamine	1.4	U	104	65.5		ug/L		63	10 - 150
N-Nitrosodimethylamine	2.3	U	104	55.6		ug/L		53	24 - 130
N-Nitrosodi-n-butylamine	1.4	U	104	54.2		ug/L		52	10 - 150
N-Nitrosodi-n-propylamine	1.8	U	104	63.6		ug/L		61	37 - 130
N-Nitrosodiphenylamine	1.5	U	104	46.8		ug/L		45	28 - 139

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-48951-4 MS

Matrix: Water

Analysis Batch: 127062

Client Sample ID: Phase 1,2,3, Comp

Prep Type: Total/NA

Prep Batch: 126925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosomethylethylamine	1.5	U	104	59.1		ug/L		57	10 - 133
N-Nitrosopiperidine	0.84	U	104	69.3		ug/L		66	10 - 150
N-Nitrosopyrrolidine	1.2	U	104	71.9		ug/L		69	10 - 150
o,o',o"-Triethylphosphorothioate	1.7	U	104	62.5		ug/L		60	10 - 150
p-Dimethylamino azobenzene	0.64	U	104	50.6		ug/L		49	10 - 150
Pentachlorobenzene	0.95	U	104	51.5		ug/L		49	10 - 150
Pentachloronitrobenzene	1.4	U	104	66.1		ug/L		63	10 - 150
Pentachlorophenol	1.4	U	104	59.4		ug/L		57	30 - 134
Phenacetin	0.81	U	104	75.8		ug/L		73	10 - 150
Phenol	21		104	68.9		ug/L		46	18 - 130
p-Phenylene diamine	3.0	U J3	104	3.2	U J3	ug/L		0	10 - 150
Pronamide	0.67	U	104	67.6		ug/L		65	10 - 150
Safrole, Total	1.2	U	104	49.0		ug/L		47	10 - 150
1,2,4,5-Tetrachlorobenzene	1.1	U	104	39.7		ug/L		38	10 - 150
2,3,4,6-Tetrachlorophenol	0.63	U	104	53.6		ug/L		51	10 - 130
2-Toluidine	1.2	U	104	48.9		ug/L		47	30 - 130
1,2,4-Trichlorobenzene	1.2	U	104	43.4		ug/L		42	39 - 130
2,4,5-Trichlorophenol	2.0	U	104	57.8		ug/L		56	48 - 130
2,4,6-Trichlorophenol	1.8	U	104	57.3		ug/L		55	47 - 131
1,3,5-Trinitrobenzene	0.59	U	104	40.9		ug/L		39	10 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl	58		36 - 124
2-Fluorophenol	46		29 - 121
Nitrobenzene-d5	64		34 - 130
Phenol-d6 (Surr)	47		25 - 128
Terphenyl-d14	25		14 - 148
2,4,6-Tribromophenol	58		29 - 143

Lab Sample ID: 660-48967-E-1-A DU

Matrix: Water

Analysis Batch: 127062

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 126925

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Acetophenone			1.5	U	ug/L			
2-Acetylaminofluorene			0.76	U	ug/L			
4-Aminobiphenyl			0.80	U	ug/L			
Benzyl alcohol	2.8	U	2.9	U	ug/L		NC	35
Bis(2-chloroethoxy)methane	1.9	U	2.0	U	ug/L		NC	35
Bis(2-chloroethyl)ether	2.5	U	2.6	U	ug/L		NC	35
bis (2-chloroisopropyl) ether	2.0	U	2.1	U	ug/L		NC	35
Bis(2-ethylhexyl) phthalate	1.3	U	1.3	U	ug/L		NC	35
4-Bromophenyl phenyl ether	1.7	U	1.7	U	ug/L		NC	35
Butyl benzyl phthalate	1.2	U	1.2	U	ug/L		NC	35
4-Chloroaniline	2.0	U	2.1	U	ug/L		NC	35
4-Chloro-3-methylphenol	1.7	U	1.7	U	ug/L		NC	35
2-Chloronaphthalene	1.6	U	1.6	U	ug/L		NC	35
2-Chlorophenol	2.0	U	2.1	U	ug/L		NC	35
4-Chlorophenyl phenyl ether	1.7	U	1.8	U	ug/L		NC	35

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-48967-E-1-A DU

Matrix: Water

Analysis Batch: 127062

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 126925

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Diallate			1.4	U	ug/L			
Dibenzofuran	1.6	U	1.6	U	ug/L		NC	35
1,2-Dichlorobenzene	1.1	U	1.1	U	ug/L		NC	35
1,3-Dichlorobenzene	1.1	U	1.1	U	ug/L		NC	35
1,4-Dichlorobenzene	1.2	U	1.2	U	ug/L		NC	35
3,3'-Dichlorobenzidine	1.6	U	1.6	U	ug/L		NC	35
2,4-Dichlorophenol	1.7	U	1.8	U	ug/L		NC	35
2,6-Dichlorophenol			1.6	U	ug/L			
Diethyl phthalate	2.4	U	2.5	U	ug/L		NC	35
7,12-Dimethylbenz(a)anthracene			0.91	U	ug/L			
3,3'-Dimethylbenzidine			14	U	ug/L			
2,4-Dimethylphenol	1.7	U	1.8	U	ug/L		NC	35
Dimethyl phthalate	2.4	U	2.5	U	ug/L		NC	35
Di-n-butyl phthalate	2.4	U	2.5	U	ug/L		NC	35
m-Dinitrobenzene	0.96	U	0.98	U	ug/L		NC	35
4,6-Dinitro-2-methylphenol	1.5	U	1.5	U	ug/L		NC	35
2,4-Dinitrophenol	6.0	U	6.1	U	ug/L		NC	35
2,4-Dinitrotoluene	0.88	U	0.90	U	ug/L		NC	35
2,6-Dinitrotoluene	0.70	U	0.71	U	ug/L		NC	35
Di-n-octyl phthalate	2.4	U	2.5	U	ug/L		NC	35
Ethyl methanesulfonate			1.3	U	ug/L			
Hexachlorobenzene	1.7	U	1.7	U	ug/L		NC	35
Hexachlorobutadiene	0.97	U J3	0.99	U J3	ug/L		NC	35
Hexachlorocyclopentadiene	1.2	U	1.2	U	ug/L		NC	35
Hexachloroethane	0.83	U	0.84	U	ug/L		NC	35
Hexachloropropene			0.65	U	ug/L			
Isophorone	1.4	U	1.4	U	ug/L		NC	35
Isosafrole			1.6	U	ug/L			
Methapyrilene			1.1	U	ug/L			
3-Methylcholanthrene			0.55	U	ug/L			
Methyl methanesulfonate			1.2	U	ug/L			
2-Methylphenol	2.2	U	2.3	U	ug/L		NC	35
3 & 4 Methylphenol	2.3	U	2.4	U	ug/L		NC	35
1,4-Naphthoquinone			1.1	U	ug/L			
1-Naphthylamine			0.83	U	ug/L			
2-Naphthylamine			0.99	U	ug/L			
2-Nitroaniline	1.4	U	1.4	U	ug/L		NC	35
3-Nitroaniline	1.2	U	1.2	U	ug/L		NC	35
4-Nitroaniline	1.4	U	1.4	U	ug/L		NC	35
Nitrobenzene	1.8	U	1.9	U	ug/L		NC	35
2-Nitrophenol	1.2	U	1.2	U	ug/L		NC	35
4-Nitrophenol	6.0	U	6.1	U	ug/L		NC	35
N-Nitro-o-toluidine			0.89	U	ug/L			
N-Nitrosodiethylamine			1.5	U	ug/L			
N-Nitrosodimethylamine	2.3	U	2.4	U	ug/L		NC	35
N-Nitrosodi-n-butylamine			1.5	U	ug/L			
N-Nitrosodi-n-propylamine	1.8	U	1.9	U	ug/L		NC	35
N-Nitrosodiphenylamine	1.6	U	1.6	U	ug/L		NC	35
N-Nitrosomethylethylamine			1.6	U	ug/L			
N-Nitrosopiperidine			0.86	U	ug/L			

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-48967-E-1-A DU

Matrix: Water

Analysis Batch: 127062

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 126925

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
N-Nitrosopyrrolidine			1.2	U	ug/L			
o,o',o"-Triethylphosphorothioate			1.8	U	ug/L			
p-Dimethylamino azobenzene			0.66	U	ug/L			
Pentachlorobenzene			0.98	U	ug/L			
Pentachloronitrobenzene			1.5	U	ug/L			
Pentachlorophenol	1.5	U	1.5	U	ug/L		NC	35
Phenacetin			0.83	U	ug/L			
Phenol	2.3	U	2.4	U	ug/L		NC	35
p-Phenylene diamine			3.1	U	ug/L			
Pronamide			0.69	U	ug/L			
Safrole, Total			1.2	U	ug/L			
1,2,4,5-Tetrachlorobenzene			1.1	U	ug/L			
2,3,4,6-Tetrachlorophenol	0.63	U	0.64	U	ug/L		NC	35
2-Toluidine			1.2	U	ug/L			
1,2,4-Trichlorobenzene	1.2	U	1.2	U	ug/L		NC	35
2,4,5-Trichlorophenol	2.0	U	2.1	U	ug/L		NC	35
2,4,6-Trichlorophenol	1.8	U	1.9	U	ug/L		NC	35
1,3,5-Trinitrobenzene			0.60	U	ug/L			

Surrogate	%Recovery	DU Qualifier	Limits
2-Fluorobiphenyl	44		36 - 124
2-Fluorophenol	9	J1	29 - 121
Nitrobenzene-d5	42		34 - 130
Phenol-d6 (Surr)	0.8	J1	25 - 128
Terphenyl-d14	18		14 - 148
2,4,6-Tribromophenol	42		29 - 143

Lab Sample ID: MB 660-127276/1-A

Matrix: Solid

Analysis Batch: 127348

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 127276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	8.0	U	250	8.0	ug/L		08/01/12 11:12	08/02/12 12:01	1
1,4-Dichlorobenzene	6.0	U	50	6.0	ug/L		08/01/12 11:12	08/02/12 12:01	1
2,4-Dinitrotoluene	4.6	U	50	4.6	ug/L		08/01/12 11:12	08/02/12 12:01	1
Hexachlorobenzene	8.5	U	50	8.5	ug/L		08/01/12 11:12	08/02/12 12:01	1
Hexachlorobutadiene	5.0	U	50	5.0	ug/L		08/01/12 11:12	08/02/12 12:01	1
Hexachloroethane	4.3	U	50	4.3	ug/L		08/01/12 11:12	08/02/12 12:01	1
Cresol, o-	12	U	50	12	ug/L		08/01/12 11:12	08/02/12 12:01	1
m & p - Cresol	12	U	50	12	ug/L		08/01/12 11:12	08/02/12 12:01	1
Nitrobenzene	9.5	U	50	9.5	ug/L		08/01/12 11:12	08/02/12 12:01	1
Pentachlorophenol	7.5	U	75	7.5	ug/L		08/01/12 11:12	08/02/12 12:01	1
2,4,5-Trichlorophenol	11	U	50	11	ug/L		08/01/12 11:12	08/02/12 12:01	1
2,4,6-Trichlorophenol	9.5	U	50	9.5	ug/L		08/01/12 11:12	08/02/12 12:01	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		36 - 124	08/01/12 11:12	08/02/12 12:01	1
2-Fluorophenol	63		29 - 121	08/01/12 11:12	08/02/12 12:01	1
Nitrobenzene-d5	74		34 - 130	08/01/12 11:12	08/02/12 12:01	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-127276/1-A

Matrix: Solid

Analysis Batch: 127348

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 127276

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d6 (Surr)	57		25 - 128	08/01/12 11:12	08/02/12 12:01	1
Terphenyl-d14	89		14 - 148	08/01/12 11:12	08/02/12 12:01	1
2,4,6-Tribromophenol	75		29 - 143	08/01/12 11:12	08/02/12 12:01	1

Lab Sample ID: LCS 660-127276/2-A

Matrix: Solid

Analysis Batch: 127348

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 127276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	500	146	I	ug/L		29	10 - 130
1,4-Dichlorobenzene	500	243		ug/L		49	38 - 130
2,4-Dinitrotoluene	500	394		ug/L		79	10 - 150
Hexachlorobenzene	500	359		ug/L		72	35 - 136
Hexachlorobutadiene	500	269		ug/L		54	31 - 130
Hexachloroethane	500	236		ug/L		47	31 - 130
Cresol, o-	500	264		ug/L		53	40 - 130
Nitrobenzene	500	288		ug/L		58	45 - 130
Pentachlorophenol	500	331		ug/L		66	30 - 134
2,4,5-Trichlorophenol	500	343		ug/L		69	48 - 130
2,4,6-Trichlorophenol	500	337		ug/L		67	47 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	59		36 - 124
2-Fluorophenol	50		29 - 121
Nitrobenzene-d5	59		34 - 130
Phenol-d6 (Surr)	45		25 - 128
Terphenyl-d14	81		14 - 148
2,4,6-Tribromophenol	76		29 - 143

Lab Sample ID: LB 660-127268/1-B LB

Matrix: Solid

Analysis Batch: 127348

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 127276

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	8.0	U	250	8.0	ug/L		08/01/12 11:12	08/02/12 12:43	1
1,4-Dichlorobenzene	6.0	U	50	6.0	ug/L		08/01/12 11:12	08/02/12 12:43	1
2,4-Dinitrotoluene	4.6	U	50	4.6	ug/L		08/01/12 11:12	08/02/12 12:43	1
Hexachlorobenzene	8.5	U	50	8.5	ug/L		08/01/12 11:12	08/02/12 12:43	1
Hexachlorobutadiene	5.0	U	50	5.0	ug/L		08/01/12 11:12	08/02/12 12:43	1
Hexachloroethane	4.3	U	50	4.3	ug/L		08/01/12 11:12	08/02/12 12:43	1
Cresol, o-	12	U	50	12	ug/L		08/01/12 11:12	08/02/12 12:43	1
m & p - Cresol	12	U	50	12	ug/L		08/01/12 11:12	08/02/12 12:43	1
Nitrobenzene	9.5	U	50	9.5	ug/L		08/01/12 11:12	08/02/12 12:43	1
Pentachlorophenol	7.5	U	75	7.5	ug/L		08/01/12 11:12	08/02/12 12:43	1
2,4,5-Trichlorophenol	11	U	50	11	ug/L		08/01/12 11:12	08/02/12 12:43	1
2,4,6-Trichlorophenol	9.5	U	50	9.5	ug/L		08/01/12 11:12	08/02/12 12:43	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		36 - 124	08/01/12 11:12	08/02/12 12:43	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 660-127268/1-B LB

Matrix: Solid

Analysis Batch: 127348

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 127276

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	64		29 - 121	08/01/12 11:12	08/02/12 12:43	1
Nitrobenzene-d5	70		34 - 130	08/01/12 11:12	08/02/12 12:43	1
Phenol-d6 (Surr)	60		25 - 128	08/01/12 11:12	08/02/12 12:43	1
Terphenyl-d14	83		14 - 148	08/01/12 11:12	08/02/12 12:43	1
2,4,6-Tribromophenol	68		29 - 143	08/01/12 11:12	08/02/12 12:43	1

Lab Sample ID: 660-48951-6 MS

Matrix: Solid

Analysis Batch: 127348

Client Sample ID: Leachate Sludge

Prep Type: TCLP

Prep Batch: 127276

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	8.0	U J3	500	155	I	ug/L		31	10 - 130
1,4-Dichlorobenzene	6.0	U	500	295		ug/L		59	38 - 130
2,4-Dinitrotoluene	4.6	U	500	375		ug/L		75	48 - 131
Hexachlorobenzene	8.5	U	500	352		ug/L		70	35 - 136
Hexachlorobutadiene	5.0	U	500	316		ug/L		63	34 - 130
Hexachloroethane	4.3	U	500	293		ug/L		59	31 - 130
Cresol, o-	12	U	500	257		ug/L		51	40 - 130
Nitrobenzene	9.5	U	500	340		ug/L		68	45 - 130
Pentachlorophenol	7.5	U	500	314		ug/L		63	30 - 134
2,4,5-Trichlorophenol	11	U	500	327		ug/L		65	48 - 130
2,4,6-Trichlorophenol	9.5	U	500	323		ug/L		65	47 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl	64		36 - 124
2-Fluorophenol	49		29 - 121
Nitrobenzene-d5	66		34 - 130
Phenol-d6 (Surr)	44		25 - 128
Terphenyl-d14	66		14 - 148
2,4,6-Tribromophenol	65		29 - 143

Lab Sample ID: 660-48951-6 MSD

Matrix: Solid

Analysis Batch: 127348

Client Sample ID: Leachate Sludge

Prep Type: TCLP

Prep Batch: 127276

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Pyridine	8.0	U J3	500	94.4	I J3	ug/L		19	10 - 130	48	35
1,4-Dichlorobenzene	6.0	U	500	331		ug/L		66	38 - 130	11	35
2,4-Dinitrotoluene	4.6	U	500	373		ug/L		75	48 - 131	1	35
Hexachlorobenzene	8.5	U	500	349		ug/L		70	35 - 136	1	35
Hexachlorobutadiene	5.0	U	500	340		ug/L		68	34 - 130	7	35
Hexachloroethane	4.3	U	500	323		ug/L		65	31 - 130	10	35
Cresol, o-	12	U	500	283		ug/L		57	40 - 130	10	35
Nitrobenzene	9.5	U	500	387		ug/L		77	45 - 130	13	35
Pentachlorophenol	7.5	U	500	311		ug/L		62	30 - 134	1	35
2,4,5-Trichlorophenol	11	U	500	331		ug/L		66	48 - 130	1	35
2,4,6-Trichlorophenol	9.5	U	500	332		ug/L		66	47 - 131	3	35

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-48951-6 MSD

Matrix: Solid

Analysis Batch: 127348

Client Sample ID: Leachate Sludge

Prep Type: TCLP

Prep Batch: 127276

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	70		36 - 124
2-Fluorophenol	52		29 - 121
Nitrobenzene-d5	75		34 - 130
Phenol-d6 (Surr)	47		25 - 128
Terphenyl-d14	66		14 - 148
2,4,6-Tribromophenol	63		29 - 143

Method: 8011 - EDB

Lab Sample ID: MB 660-126961/1-A

Matrix: Water

Analysis Batch: 127021

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 126961

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L		07/24/12 14:55	07/24/12 18:56	1	
Ethylene Dibromide	0.010	U	0.020	0.010	ug/L		07/24/12 14:55	07/24/12 18:56	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1,1,1,2-Tetrachloroethane	95		60 - 140				07/24/12 14:55	07/24/12 18:56	1	

Lab Sample ID: LCS 660-126961/2-A

Matrix: Water

Analysis Batch: 127021

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126961

		Spike	LCS	LCS					%Rec.	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
1,2-Dibromo-3-Chloropropane		0.253	0.258		ug/L		102	70 - 130		
Ethylene Dibromide		0.253	0.290		ug/L		115	70 - 130		
Surrogate	%Recovery	Qualifier	Limits							
1,1,1,2-Tetrachloroethane	98		60 - 140							

Lab Sample ID: 660-48951-2 MS

Matrix: Water

Analysis Batch: 127021

Client Sample ID: Phase 2

Prep Type: Total/NA

Prep Batch: 126961

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,2-Dibromo-3-Chloropropane	0.0099	U	0.244	0.302		ug/L		124	70 - 130	
Ethylene Dibromide	0.0099	U J3	0.244	0.319	J3	ug/L		131	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1,1,1,2-Tetrachloroethane	102		60 - 140							

Lab Sample ID: 660-48951-3 DU

Matrix: Water

Analysis Batch: 127021

Client Sample ID: Phase 1/1A

Prep Type: Total/NA

Prep Batch: 126961

	Sample	Sample		DU	DU					RPD
Analyte	Result	Qualifier		Result	Qualifier	Unit	D		RPD	Limit
1,2-Dibromo-3-Chloropropane	0.0097			0.0096	U	ug/L			NC	40

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8011 - EDB (Continued)

Lab Sample ID: 660-48951-3 DU

Matrix: Water

Analysis Batch: 127021

Client Sample ID: Phase 1/1A

Prep Type: Total/NA

Prep Batch: 126961

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Ethylene Dibromide	0.0097		0.0096	U	ug/L		NC	40
Surrogate	%Recovery	DU Qualifier	DU	Limits				
1,1,1,2-Tetrachloroethane	96			60 - 140				

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 660-126934/1-A

Matrix: Water

Analysis Batch: 127198

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 126934

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	0.0018	U	0.050	0.0018	ug/L		07/24/12 09:39	07/30/12 18:21	1
alpha-BHC	0.0028	U	0.050	0.0028	ug/L		07/24/12 09:39	07/30/12 18:21	1
beta-BHC	0.0027	U	0.050	0.0027	ug/L		07/24/12 09:39	07/30/12 18:21	1
Chlordane (technical)	0.057	U	0.50	0.057	ug/L		07/24/12 09:39	07/30/12 18:21	1
Chlorobenzilate	0.075	U	0.50	0.075	ug/L		07/24/12 09:39	07/30/12 18:21	1
4,4'-DDD	0.0041	U	0.050	0.0041	ug/L		07/24/12 09:39	07/30/12 18:21	1
4,4'-DDE	0.0055	U	0.050	0.0055	ug/L		07/24/12 09:39	07/30/12 18:21	1
4,4'-DDT	0.0032	U	0.050	0.0032	ug/L		07/24/12 09:39	07/30/12 18:21	1
delta-BHC	0.0028	U	0.050	0.0028	ug/L		07/24/12 09:39	07/30/12 18:21	1
Dieldrin	0.0014	U	0.050	0.0014	ug/L		07/24/12 09:39	07/30/12 18:21	1
Endosulfan I	0.0034	U	0.050	0.0034	ug/L		07/24/12 09:39	07/30/12 18:21	1
Endosulfan II	0.0033	U	0.050	0.0033	ug/L		07/24/12 09:39	07/30/12 18:21	1
Endosulfan sulfate	0.0030	U	0.050	0.0030	ug/L		07/24/12 09:39	07/30/12 18:21	1
Endrin	0.0031	U	0.050	0.0031	ug/L		07/24/12 09:39	07/30/12 18:21	1
Endrin aldehyde	0.0032	U	0.050	0.0032	ug/L		07/24/12 09:39	07/30/12 18:21	1
gamma-BHC (Lindane)	0.0026	U	0.050	0.0026	ug/L		07/24/12 09:39	07/30/12 18:21	1
Heptachlor	0.0031	U	0.050	0.0031	ug/L		07/24/12 09:39	07/30/12 18:21	1
Heptachlor epoxide	0.0031	U	0.050	0.0031	ug/L		07/24/12 09:39	07/30/12 18:21	1
Isodrin	0.0061	U	0.050	0.0061	ug/L		07/24/12 09:39	07/30/12 18:21	1
Methoxychlor	0.0051	U	0.050	0.0051	ug/L		07/24/12 09:39	07/30/12 18:21	1
Toxaphene	0.72	U	5.0	0.72	ug/L		07/24/12 09:39	07/30/12 18:21	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
DCB Decachlorobiphenyl	79		30 - 150				07/24/12 09:39	07/30/12 18:21	1
Tetrachloro-m-xylene	63		30 - 150				07/24/12 09:39	07/30/12 18:21	1

Lab Sample ID: MB 660-126934/1-A

Matrix: Water

Analysis Batch: 127610

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 126934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kepone	0.083	U	0.50	0.083	ug/L		07/24/12 09:39	08/09/12 12:45	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 660-126934/2-A

Matrix: Water

Analysis Batch: 127074

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.500	0.396		ug/L		79	35 - 130
alpha-BHC	0.500	0.467		ug/L		93	56 - 130
beta-BHC	0.500	0.469		ug/L		94	52 - 130
4,4'-DDD	0.500	0.506		ug/L		101	51 - 130
4,4'-DDE	0.500	0.471		ug/L		94	50 - 130
4,4'-DDT	0.500	0.495		ug/L		99	46 - 130
delta-BHC	0.500	0.482		ug/L		96	42 - 130
Dieldrin	0.500	0.479		ug/L		96	51 - 130
Endosulfan I	0.500	0.445		ug/L		89	40 - 130
Endosulfan II	0.500	0.460		ug/L		92	48 - 130
Endosulfan sulfate	0.500	0.485		ug/L		97	43 - 130
Endrin	0.500	0.504		ug/L		101	53 - 130
Endrin aldehyde	0.500	0.492		ug/L		98	30 - 155
gamma-BHC (Lindane)	0.500	0.477		ug/L		95	55 - 130
Heptachlor	0.500	0.412		ug/L		82	38 - 130
Heptachlor epoxide	0.500	0.473		ug/L		95	53 - 130
Methoxychlor	0.500	0.492		ug/L		98	44 - 138

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	97		30 - 150
Tetrachloro-m-xylene	73		30 - 150

Lab Sample ID: LCS 660-126934/3-A

Matrix: Water

Analysis Batch: 127198

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzilate	5.00	4.38		ug/L		88	30 - 130
Isodrin	0.500	0.408		ug/L		82	30 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	82		30 - 150
Tetrachloro-m-xylene	67		30 - 150

Lab Sample ID: LCS 660-126934/3-A

Matrix: Water

Analysis Batch: 127198

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Kepone	5.00	4.13		ug/L		83	10 - 130

Lab Sample ID: LCSD 660-126934/4-A

Matrix: Water

Analysis Batch: 127198

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 126934

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chlorobenzilate	5.00	4.02		ug/L		80	30 - 130	9	30
Isodrin	0.500	0.377		ug/L		75	30 - 130	8	30

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 660-126934/4-A

Matrix: Water

Analysis Batch: 127198

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 126934

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	81		30 - 150
Tetrachloro-m-xylene	61		30 - 150

Lab Sample ID: LCSD 660-126934/4-A

Matrix: Water

Analysis Batch: 127198

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 126934

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Kepona	5.00	3.23		ug/L		65	10 - 130	24	30

Lab Sample ID: 660-48997-A-1-B MSD

Matrix: Water

Analysis Batch: 127074

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 126934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	0.0017	U	0.481	0.445		ug/L		93	35 - 130	4	30
alpha-BHC	0.027	I	0.481	0.487		ug/L		96	56 - 130	3	30
beta-BHC	0.011	I	0.481	0.463		ug/L		94	52 - 130	4	30
4,4'-DDD	0.0039	U	0.481	0.502		ug/L		104	51 - 130	2	30
4,4'-DDE	0.0052	U	0.481	0.463		ug/L		96	50 - 130	1	30
4,4'-DDT	0.0030	U	0.481	0.489		ug/L		102	46 - 130	2	30
delta-BHC	0.013	I	0.481	0.479		ug/L		97	42 - 130	2	30
Dieldrin	0.0013	U	0.481	0.476		ug/L		99	51 - 130	4	30
Endosulfan I	0.0032	U	0.481	0.435		ug/L		91	40 - 130	4	30
Endosulfan II	0.0031	U	0.481	0.456		ug/L		95	48 - 130	4	30
Endosulfan sulfate	0.0028	U	0.481	0.486		ug/L		101	43 - 130	0	30
Endrin	0.0029	U	0.481	0.498		ug/L		104	53 - 130	3	30
Endrin aldehyde	0.0030	U	0.481	0.509		ug/L		106	30 - 155	1	30
gamma-BHC (Lindane)	0.0052	I	0.481	0.461		ug/L		95	55 - 130	3	30
Heptachlor	0.0029	U	0.481	0.449		ug/L		93	38 - 130	1	30
Heptachlor epoxide	0.0029	U	0.481	0.477		ug/L		99	53 - 130	4	30
Methoxychlor	0.0048	U	0.481	0.496		ug/L		103	44 - 138	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	93		30 - 150
Tetrachloro-m-xylene	80		30 - 150

Lab Sample ID: 660-48997-B-1-B MS

Matrix: Water

Analysis Batch: 127074

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 126934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	0.0017	U	0.476	0.464		ug/L		97	35 - 130		
alpha-BHC	0.027	I	0.476	0.500		ug/L		99	56 - 130		
beta-BHC	0.011	I	0.476	0.481		ug/L		99	52 - 130		
4,4'-DDD	0.0039	U	0.476	0.513		ug/L		108	51 - 130		
4,4'-DDE	0.0052	U	0.476	0.470		ug/L		99	50 - 130		
4,4'-DDT	0.0030	U	0.476	0.481		ug/L		101	46 - 130		
delta-BHC	0.013	I	0.476	0.489		ug/L		100	42 - 130		

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 660-48997-B-1-B MS

Matrix: Water

Analysis Batch: 127074

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 126934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dieldrin	0.0013	U	0.476	0.495		ug/L		104	51 - 130
Endosulfan I	0.0032	U	0.476	0.451		ug/L		95	40 - 130
Endosulfan II	0.0031	U	0.476	0.475		ug/L		100	48 - 130
Endosulfan sulfate	0.0028	U	0.476	0.488		ug/L		103	43 - 130
Endrin	0.0029	U	0.476	0.514		ug/L		108	53 - 130
Endrin aldehyde	0.0030	U	0.476	0.514		ug/L		108	30 - 155
gamma-BHC (Lindane)	0.0052	I	0.476	0.476		ug/L		99	55 - 130
Heptachlor	0.0029	U	0.476	0.454		ug/L		95	38 - 130
Heptachlor epoxide	0.0029	U	0.476	0.494		ug/L		104	53 - 130
Methoxychlor	0.0048	U	0.476	0.522		ug/L		110	44 - 138

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	97		30 - 150
Tetrachloro-m-xylene	85		30 - 150

Lab Sample ID: MB 660-127034/1-A

Matrix: Solid

Analysis Batch: 127136

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 127034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	3.4	U	25	3.4	ug/L		07/26/12 08:20	07/27/12 12:58	1
Endrin	0.61	U	5.0	0.61	ug/L		07/26/12 08:20	07/27/12 12:58	1
gamma-BHC (Lindane)	0.21	U	2.5	0.21	ug/L		07/26/12 08:20	07/27/12 12:58	1
Heptachlor	0.36	U	2.5	0.36	ug/L		07/26/12 08:20	07/27/12 12:58	1
Heptachlor epoxide	0.22	U	2.5	0.22	ug/L		07/26/12 08:20	07/27/12 12:58	1
Methoxychlor	0.44	U	25	0.44	ug/L		07/26/12 08:20	07/27/12 12:58	1
Toxaphene	19	U	250	19	ug/L		07/26/12 08:20	07/27/12 12:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		30 - 150	07/26/12 08:20	07/27/12 12:58	1
Tetrachloro-m-xylene	83		30 - 150	07/26/12 08:20	07/27/12 12:58	1

Lab Sample ID: LCS 660-127034/2-A

Matrix: Solid

Analysis Batch: 127136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 127034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	5.00	4.54	I	ug/L		91	49 - 130
gamma-BHC (Lindane)	5.00	4.20		ug/L		84	53 - 130
Heptachlor	5.00	3.89		ug/L		78	36 - 130
Heptachlor epoxide	5.00	4.22		ug/L		84	41 - 130
Methoxychlor	5.00	4.72	I	ug/L		94	45 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	87		30 - 150
Tetrachloro-m-xylene	73		30 - 150

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LB 660-126835/1-D LB

Matrix: Solid

Analysis Batch: 127136

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 127034

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	3.4	U	25	3.4	ug/L		07/26/12 08:20	07/27/12 14:05	1
Endrin	0.61	U	5.0	0.61	ug/L		07/26/12 08:20	07/27/12 14:05	1
gamma-BHC (Lindane)	0.21	U	2.5	0.21	ug/L		07/26/12 08:20	07/27/12 14:05	1
Heptachlor	0.36	U	2.5	0.36	ug/L		07/26/12 08:20	07/27/12 14:05	1
Heptachlor epoxide	0.22	U	2.5	0.22	ug/L		07/26/12 08:20	07/27/12 14:05	1
Methoxychlor	0.44	U	25	0.44	ug/L		07/26/12 08:20	07/27/12 14:05	1
Toxaphene	19	U	250	19	ug/L		07/26/12 08:20	07/27/12 14:05	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99		30 - 150	07/26/12 08:20	07/27/12 14:05	1
Tetrachloro-m-xylene	77		30 - 150	07/26/12 08:20	07/27/12 14:05	1

Lab Sample ID: 660-48951-6 MS

Matrix: Solid

Analysis Batch: 127136

Client Sample ID: Leachate Sludge

Prep Type: TCLP

Prep Batch: 127034

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	0.61	U	5.00	4.62	I	ug/L		92	49 - 130
gamma-BHC (Lindane)	0.21	U	5.00	4.41		ug/L		88	53 - 130
Heptachlor	0.36	U	5.00	4.10		ug/L		82	36 - 130
Heptachlor epoxide	0.22	U	5.00	4.25		ug/L		85	41 - 130
Methoxychlor	0.44	U	5.00	4.67	I	ug/L		93	45 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	86		30 - 150
Tetrachloro-m-xylene	77		30 - 150

Lab Sample ID: 660-48951-6 MSD

Matrix: Solid

Analysis Batch: 127136

Client Sample ID: Leachate Sludge

Prep Type: TCLP

Prep Batch: 127034

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin	0.61	U	5.00	4.78	I	ug/L		96	49 - 130	4	30
gamma-BHC (Lindane)	0.21	U	5.00	4.20		ug/L		84	53 - 130	5	30
Heptachlor	0.36	U	5.00	4.05		ug/L		81	36 - 130	1	30
Heptachlor epoxide	0.22	U	5.00	4.35		ug/L		87	41 - 130	2	30
Methoxychlor	0.44	U	5.00	5.15	I	ug/L		103	45 - 130	10	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	96		30 - 150
Tetrachloro-m-xylene	73		30 - 150

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 660-126934/1-A

Matrix: Water

Analysis Batch: 127071

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 126934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.26	U	0.50	0.26	ug/L		07/24/12 09:39	07/26/12 12:57	1
PCB-1221	0.15	U	0.50	0.15	ug/L		07/24/12 09:39	07/26/12 12:57	1
PCB-1232	0.38	U	0.50	0.38	ug/L		07/24/12 09:39	07/26/12 12:57	1
PCB-1242	0.23	U	0.50	0.23	ug/L		07/24/12 09:39	07/26/12 12:57	1
PCB-1248	0.13	U	0.50	0.13	ug/L		07/24/12 09:39	07/26/12 12:57	1
PCB-1254	0.12	U	0.50	0.12	ug/L		07/24/12 09:39	07/26/12 12:57	1
PCB-1260	0.32	U	0.50	0.32	ug/L		07/24/12 09:39	07/26/12 12:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	111		30 - 150	07/24/12 09:39	07/26/12 12:57	1
Tetrachloro-m-xylene	94		30 - 150	07/24/12 09:39	07/26/12 12:57	1

Lab Sample ID: LCS 660-126934/5-A

Matrix: Water

Analysis Batch: 127071

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	5.00	5.55		ug/L		111	34 - 130
PCB-1260	5.00	5.78		ug/L		116	45 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	105		30 - 150
Tetrachloro-m-xylene	99		30 - 150

Lab Sample ID: LCSD 660-126934/6-A

Matrix: Water

Analysis Batch: 127071

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 126934

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	5.00	5.62		ug/L		112	34 - 130	1	34
PCB-1260	5.00	6.03		ug/L		121	45 - 130	4	34

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	112		30 - 150
Tetrachloro-m-xylene	101		30 - 150

Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: MB 640-94473/1-A

Matrix: Water

Analysis Batch: 94550

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.32	U	2.0	0.32	ug/L		07/25/12 12:15	07/27/12 10:52	1
Disulfoton	0.12	U	2.0	0.12	ug/L		07/25/12 12:15	07/27/12 10:52	1
Famphur	0.11	U	2.0	0.11	ug/L		07/25/12 12:15	07/27/12 10:52	1
Methyl parathion	0.12	U	0.50	0.12	ug/L		07/25/12 12:15	07/27/12 10:52	1
Parathion	0.080	U	1.0	0.080	ug/L		07/25/12 12:15	07/27/12 10:52	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Lab Sample ID: MB 640-94473/1-A

Matrix: Water

Analysis Batch: 94550

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phorate	0.16	U	1.0	0.16	ug/L		07/25/12 12:15	07/27/12 10:52	1
Thionazin	0.061	U	1.0	0.061	ug/L		07/25/12 12:15	07/27/12 10:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Triphenylphosphate	105		37 - 139				07/25/12 12:15	07/27/12 10:52	1

Lab Sample ID: LCS 640-94473/2-A

Matrix: Water

Analysis Batch: 94550

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Famphur	2.50	0.11	U J3	ug/L		0	50 - 130
Methyl parathion	2.50	0.12	U J3	ug/L		0	43 - 140
Parathion	2.50	0.080	U J3	ug/L		0	49 - 134
Phorate	2.50	0.16	U J3	ug/L		0	50 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Triphenylphosphate	102		37 - 139				

Lab Sample ID: LCSD 640-94473/3-A

Matrix: Water

Analysis Batch: 94550

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94473

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Famphur	2.50	0.11	U J3	ug/L		0	50 - 130	NC	30
Methyl parathion	2.50	0.12	U J3	ug/L		0	43 - 140	NC	30
Parathion	2.50	0.080	U J3	ug/L		0	49 - 134	NC	30
Phorate	2.50	0.16	U J3	ug/L		0	50 - 130	NC	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
Triphenylphosphate	105		37 - 139						

Lab Sample ID: 660-48951-4 MS

Matrix: Water

Analysis Batch: 94550

Client Sample ID: Phase 1,2,3, Comp

Prep Type: Total/NA

Prep Batch: 94473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Famphur	0.11	U J3	2.50	1.89	I	ug/L		76	50 - 130
Methyl parathion	0.12	U J3	2.50	2.18		ug/L		87	32 - 137
Parathion	0.080	U J3	2.50	2.18		ug/L		87	32 - 138
Phorate	0.16	U J3	2.50	1.55		ug/L		62	50 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
Triphenylphosphate	87		37 - 139						

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Lab Sample ID: 660-48951-4 MSD

Matrix: Water

Analysis Batch: 94550

Client Sample ID: Phase 1,2,3, Comp

Prep Type: Total/NA

Prep Batch: 94473

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Famphur	0.11	U J3	2.50	0.727	I J3	ug/L		29	50 - 130	89	30
Methyl parathion	0.12	U J3	2.50	0.743	J3	ug/L		30	32 - 137	98	48
Parathion	0.080	U J3	2.50	0.864	I J3	ug/L		35	32 - 138	86	44
Phorate	0.16	U J3	2.50	0.603	I J3	ug/L		24	50 - 130	88	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Triphenylphosphate	14	J1	37 - 139

Lab Sample ID: MB 640-94554/1-A

Matrix: Water

Analysis Batch: 94612

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94554

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.32	U	2.0	0.32	ug/L		07/27/12 14:29	07/31/12 09:49	1
Disulfoton	0.12	U	2.0	0.12	ug/L		07/27/12 14:29	07/31/12 09:49	1
Famphur	0.11	U	2.0	0.11	ug/L		07/27/12 14:29	07/31/12 09:49	1
Methyl parathion	0.12	U	0.50	0.12	ug/L		07/27/12 14:29	07/31/12 09:49	1
Parathion	0.080	U	1.0	0.080	ug/L		07/27/12 14:29	07/31/12 09:49	1
Phorate	0.16	U	1.0	0.16	ug/L		07/27/12 14:29	07/31/12 09:49	1
Thionazin	0.061	U	1.0	0.061	ug/L		07/27/12 14:29	07/31/12 09:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	107		37 - 139	07/27/12 14:29	07/31/12 09:49	1

Lab Sample ID: LCS 640-94554/2-A

Matrix: Water

Analysis Batch: 94612

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94554

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Famphur	2.50	2.50		ug/L		100	50 - 130
Methyl parathion	2.50	2.57		ug/L		103	43 - 140
Parathion	2.50	2.70		ug/L		108	49 - 134
Phorate	2.50	2.10		ug/L		84	50 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Triphenylphosphate	99		37 - 139

Lab Sample ID: LCSD 640-94554/3-A

Matrix: Water

Analysis Batch: 94612

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94554

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Famphur	2.50	2.59		ug/L		104	50 - 130	4	30
Methyl parathion	2.50	2.44		ug/L		98	43 - 140	5	30
Parathion	2.50	2.53		ug/L		101	49 - 134	6	30
Phorate	2.50	2.04		ug/L		82	50 - 130	3	30

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Lab Sample ID: LCSD 640-94554/3-A

Matrix: Water

Analysis Batch: 94612

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94554

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Triphenylphosphate	109		37 - 139

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 660-126977/1-A

Matrix: Solid

Analysis Batch: 127120

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 126977

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
2,4-D	7.5	U	25	7.5	ug/L		07/25/12 08:30	07/26/12 22:18	1	
Silvex (2,4,5-TP)	1.6	U	25	1.6	ug/L		07/25/12 08:30	07/26/12 22:18	1	
Surrogate	MB	MB					Prepared	Analyzed	Dil	Fac
	%Recovery	Qualifier	Limits							
2,4-Dichlorophenylacetic acid	65		33 - 120				07/25/12 08:30	07/26/12 22:18	1	

Lab Sample ID: LCS 660-126977/2-A

Matrix: Solid

Analysis Batch: 127120

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126977

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits		
2,4-D	40.0	26.5		ug/L		66	10 - 141			
Silvex (2,4,5-TP)	40.0	33.1		ug/L		83	10 - 138			
Surrogate	LCS	LCS								
	%Recovery	Qualifier	Limits							
2,4-Dichlorophenylacetic acid	75		33 - 120							

Lab Sample ID: MB 660-126979/1-A

Matrix: Water

Analysis Batch: 127120

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 126979

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
2,4-D	0.12	U	0.20	0.12	ug/L		07/25/12 08:33	07/26/12 20:11	1	
2,4,5-T	0.12	U	0.20	0.12	ug/L		07/25/12 08:33	07/26/12 20:11	1	
Silvex (2,4,5-TP)	0.12	U	0.20	0.12	ug/L		07/25/12 08:33	07/26/12 20:11	1	
Dinoseb	0.14	U	0.20	0.14	ug/L		07/25/12 08:33	07/26/12 20:11	1	
Surrogate	MB	MB					Prepared	Analyzed	Dil	Fac
	%Recovery	Qualifier	Limits							
2,4-Dichlorophenylacetic acid	79		33 - 130				07/25/12 08:33	07/26/12 20:11	1	

Lab Sample ID: LCS 660-126979/2-A

Matrix: Water

Analysis Batch: 127120

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126979

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits		
2,4-D	2.50	2.48		ug/L		99	60 - 130			
2,4,5-T	2.50	2.72		ug/L		109	50 - 130			
Silvex (2,4,5-TP)	2.50	2.54		ug/L		101	53 - 130			
Dinoseb	2.50	2.37		ug/L		95	10 - 130			

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 660-126979/2-A

Matrix: Water

Analysis Batch: 127120

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126979

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2,4-Dichlorophenylacetic acid	118		33 - 130

Lab Sample ID: 400-67232-D-29-A MS

Matrix: Water

Analysis Batch: 127120

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 126979

	Sample	Sample	Spike	MS	MS			%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
2,4-D	0.15	U	2.94	2.58		ug/L		88	60 - 130
2,4,5-T	0.15	U	2.94	2.77		ug/L		94	59 - 130
Silvex (2,4,5-TP)	0.15	U	2.94	2.70		ug/L		92	53 - 130
Dinoseb	0.18	U	2.94	3.44		ug/L		117	10 - 130
	MS	MS							
Surrogate	%Recovery	Qualifier	Limits						
2,4-Dichlorophenylacetic acid	98		33 - 130						

Lab Sample ID: 660-48951-4 DU

Matrix: Water

Analysis Batch: 127123

Client Sample ID: Phase 1,2,3, Comp

Prep Type: Total/NA

Prep Batch: 126979

	Sample	Sample		DU	DU				RPD	
Analyte	Result	Qualifier		Result	Qualifier	Unit	D		RPD	Limit
2,4-D	0.12			0.12	U	ug/L			NC	35
2,4,5-T	0.12			0.12	U	ug/L			NC	35
Silvex (2,4,5-TP)	0.12			0.12	U	ug/L			NC	35
Dinoseb	0.13			0.13	U	ug/L			NC	35
	DU	DU								
Surrogate	%Recovery	Qualifier	Limits							
2,4-Dichlorophenylacetic acid	68		33 - 130							

Lab Sample ID: 660-48951-6 MS

Matrix: Solid

Analysis Batch: 127120

Client Sample ID: Leachate Sludge

Prep Type: TCLP

Prep Batch: 126977

	Sample	Sample	Spike	MS	MS			%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
2,4-D	7.5	U J3	40.0	7.5	U J3	ug/L		0	10 - 141
Silvex (2,4,5-TP)	1.6	U J3	40.0	1.6	U J3	ug/L		0	10 - 138
	MS	MS							
Surrogate	%Recovery	Qualifier	Limits						
2,4-Dichlorophenylacetic acid	5	J1	33 - 120						

Lab Sample ID: 660-48951-6 MSD

Matrix: Solid

Analysis Batch: 127120

Client Sample ID: Leachate Sludge

Prep Type: TCLP

Prep Batch: 126977

	Sample	Sample	Spike	MSD	MSD			%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2,4-D	7.5	U J3	40.0	28.1		ug/L		70	10 - 141	NC	78
Silvex (2,4,5-TP)	1.6	U J3	40.0	34.1		ug/L		85	10 - 138	NC	66

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 660-48951-6 MSD

Matrix: Solid

Analysis Batch: 127120

Client Sample ID: Leachate Sludge

Prep Type: TCLP

Prep Batch: 126977

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
2,4-Dichlorophenylacetic acid	76		33 - 120

Lab Sample ID: LB 660-126835/1-A LB

Matrix: Solid

Analysis Batch: 127120

Client Sample ID: Method Blank

Prep Type: TCLP

	LB	LB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	38	U	130	38	ug/L			07/26/12 23:37	1
Silvex (2,4,5-TP)	8.0	U	130	8.0	ug/L			07/26/12 23:37	1
	LB	LB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid								07/26/12 23:37	1

Method: 6010B - Metals (ICP)

Lab Sample ID: LCS 660-126840/2-A

Matrix: Solid

Analysis Batch: 126891

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126840

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Silver	5000	5070		ug/L		101	75 - 125		
Arsenic	5000	5100		ug/L		102	75 - 125		
Barium	5000	5160		ug/L		103	75 - 125		
Cadmium	5000	5150		ug/L		103	75 - 125		
Chromium	5000	5010		ug/L		100	75 - 125		
Lead	5000	4990		ug/L		100	75 - 125		
Selenium	5000	5120		ug/L		102	75 - 125		

Lab Sample ID: LB 660-126771/1-C LB

Matrix: Solid

Analysis Batch: 126891

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 126840

	LB	LB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	50	U	500	50	ug/L		07/20/12 08:58	07/23/12 08:22	1
Arsenic	120	U	1000	120	ug/L		07/20/12 08:58	07/23/12 08:22	1
Barium	30	U	500	30	ug/L		07/20/12 08:58	07/23/12 08:22	1
Cadmium	18	U	500	18	ug/L		07/20/12 08:58	07/23/12 08:22	1
Chromium	50	U	1000	50	ug/L		07/20/12 08:58	07/23/12 08:22	1
Lead	40	U	1000	40	ug/L		07/20/12 08:58	07/23/12 08:22	1
Selenium	150	U	500	150	ug/L		07/20/12 08:58	07/23/12 08:22	1

Lab Sample ID: LB 660-126837/1-B LB

Matrix: Solid

Analysis Batch: 126891

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 126840

	LB	LB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	50	U	500	50	ug/L		07/20/12 08:58	07/23/12 08:52	1
Arsenic	120	U	1000	120	ug/L		07/20/12 08:58	07/23/12 08:52	1
Barium	30	U	500	30	ug/L		07/20/12 08:58	07/23/12 08:52	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: LB 660-126837/1-B LB

Matrix: Solid

Analysis Batch: 126891

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 126840

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	18	U	500	18	ug/L		07/20/12 08:58	07/23/12 08:52	1
Chromium	50	U	1000	50	ug/L		07/20/12 08:58	07/23/12 08:52	1
Lead	40	U	1000	40	ug/L		07/20/12 08:58	07/23/12 08:52	1
Selenium	150	U	500	150	ug/L		07/20/12 08:58	07/23/12 08:52	1

Lab Sample ID: 660-48924-A-1-D MS

Matrix: Solid

Analysis Batch: 126891

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 126840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50	U	5000	5130		ug/L		103	75 - 125
Arsenic	120	U	5000	5080		ug/L		102	75 - 125
Barium	310	I	5000	5340		ug/L		101	75 - 125
Cadmium	18	U	5000	5120		ug/L		102	75 - 125
Chromium	50	U	5000	4950		ug/L		99	75 - 125
Lead	40	U	5000	4940		ug/L		99	75 - 125
Selenium	150	U	5000	5080		ug/L		102	75 - 125

Lab Sample ID: 660-48924-A-1-E MSD

Matrix: Solid

Analysis Batch: 126891

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Prep Batch: 126840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Silver	50	U	5000	5100		ug/L		102	75 - 125	0	20
Arsenic	120	U	5000	5120		ug/L		102	75 - 125	1	20
Barium	310	I	5000	5410		ug/L		102	75 - 125	1	20
Cadmium	18	U	5000	5140		ug/L		103	75 - 125	0	20
Chromium	50	U	5000	4980		ug/L		100	75 - 125	0	20
Lead	40	U	5000	4950		ug/L		99	75 - 125	0	20
Selenium	150	U	5000	5130		ug/L		103	75 - 125	1	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-244198/1-A

Matrix: Water

Analysis Batch: 244761

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.3	U	5.0	2.3	ug/L		07/23/12 16:26	07/27/12 02:25	1
Arsenic	1.3	U	2.5	1.3	ug/L		07/23/12 16:26	07/27/12 02:25	1
Barium	1.3	U	5.0	1.3	ug/L		07/23/12 16:26	07/27/12 02:25	1
Beryllium	0.25	U	0.50	0.25	ug/L		07/23/12 16:26	07/27/12 02:25	1
Cadmium	0.095	U	0.50	0.095	ug/L		07/23/12 16:26	07/27/12 02:25	1
Chromium	2.5	U	5.0	2.5	ug/L		07/23/12 16:26	07/27/12 02:25	1
Cobalt	0.15	U	0.50	0.15	ug/L		07/23/12 16:26	07/27/12 02:25	1
Copper	1.1	U	5.0	1.1	ug/L		07/23/12 16:26	07/27/12 02:25	1
Lead	0.20	U	1.5	0.20	ug/L		07/23/12 16:26	07/27/12 02:25	1
Nickel	2.0	U	5.0	2.0	ug/L		07/23/12 16:26	07/27/12 02:25	1
Selenium	1.0	U	2.5	1.0	ug/L		07/23/12 16:26	07/27/12 02:25	1
Silver	0.25	U	1.0	0.25	ug/L		07/23/12 16:26	07/27/12 02:25	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: MB 680-244198/1-A

Matrix: Water

Analysis Batch: 244761

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	3.8	U	10	3.8	ug/L		07/23/12 16:26	07/27/12 02:25	1
Thallium	0.50	U	1.0	0.50	ug/L		07/23/12 16:26	07/27/12 02:25	1
Zinc	8.3	U	20	8.3	ug/L		07/23/12 16:26	07/27/12 02:25	1
Tin	1.3	U	5.0	1.3	ug/L		07/23/12 16:26	07/27/12 02:25	1

Lab Sample ID: MB 680-244198/1-A

Matrix: Water

Analysis Batch: 245005

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	33	U	100	33	ug/L		07/23/12 16:26	07/27/12 23:14	1
Sodium	0.25	U	0.50	0.25	mg/L		07/23/12 16:26	07/27/12 23:14	1

Lab Sample ID: LCS 680-244198/2-A

Matrix: Water

Analysis Batch: 244761

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	56.2		ug/L		112	75 - 125
Arsenic	100	102		ug/L		102	75 - 125
Barium	100	99.2		ug/L		99	75 - 125
Beryllium	50.0	48.0		ug/L		96	75 - 125
Cadmium	50.0	49.8		ug/L		100	75 - 125
Chromium	100	97.6		ug/L		98	75 - 125
Cobalt	50.0	49.5		ug/L		99	75 - 125
Copper	100	101		ug/L		101	75 - 125
Lead	50.0	49.1		ug/L		98	75 - 125
Nickel	100	101		ug/L		101	75 - 125
Selenium	100	102		ug/L		102	75 - 125
Silver	50.0	50.3		ug/L		101	75 - 125
Vanadium	100	97.4		ug/L		97	75 - 125
Thallium	40.0	37.8		ug/L		94	75 - 125
Zinc	100	98.9		ug/L		99	75 - 125
Tin	100	103		ug/L		103	75 - 125

Lab Sample ID: LCS 680-244198/2-A

Matrix: Water

Analysis Batch: 245005

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	5000	5130		ug/L		103	75 - 125
Sodium	5.00	4.89		mg/L		98	75 - 125

Lab Sample ID: 640-39566-F-1-B MS

Matrix: Water

Analysis Batch: 244761

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.3	U	50.0	58.3		ug/L		117	75 - 125
Arsenic	1.3	U	100	102		ug/L		102	75 - 125
Barium	31		100	135		ug/L		104	75 - 125

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: 640-39566-F-1-B MS

Matrix: Water

Analysis Batch: 244761

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Beryllium	0.25	U	50.0	49.4		ug/L		99	75 - 125	
Cadmium	0.095	U	50.0	49.8		ug/L		100	75 - 125	
Chromium	3.2	I	100	105		ug/L		102	75 - 125	
Cobalt	0.51		50.0	50.1		ug/L		99	75 - 125	
Copper	1.1	U	100	98.9		ug/L		99	75 - 125	
Lead	0.20	U	50.0	49.2		ug/L		98	75 - 125	
Nickel	2.7	I	100	101		ug/L		99	75 - 125	
Selenium	1.0	U	100	97.7		ug/L		98	75 - 125	
Silver	0.25	U	50.0	50.2		ug/L		100	75 - 125	
Vanadium	3.8	U	100	102		ug/L		102	75 - 125	
Thallium	0.50	U	40.0	37.8		ug/L		95	75 - 125	
Zinc	8.3	U	100	97.0		ug/L		97	75 - 125	
Tin	1.3	U	100	105		ug/L		105	75 - 125	

Lab Sample ID: 640-39566-F-1-B MS

Matrix: Water

Analysis Batch: 245005

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Iron	1600		5000	6900		ug/L		106	75 - 125	
Sodium	210	J3	5.00	223	J3	mg/L		176	75 - 125	

Lab Sample ID: 640-39566-F-1-C MSD

Matrix: Water

Analysis Batch: 244761

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits		RPD	Limit
Antimony	2.3	U	50.0	57.4		ug/L		115	75 - 125		1	20
Arsenic	1.3	U	100	102		ug/L		102	75 - 125		0	20
Barium	31		100	138		ug/L		107	75 - 125		2	20
Beryllium	0.25	U	50.0	50.4		ug/L		101	75 - 125		2	20
Cadmium	0.095	U	50.0	49.9		ug/L		100	75 - 125		0	20
Chromium	3.2	I	100	100		ug/L		97	75 - 125		5	20
Cobalt	0.51		50.0	51.3		ug/L		101	75 - 125		2	20
Copper	1.1	U	100	97.7		ug/L		98	75 - 125		1	20
Lead	0.20	U	50.0	49.2		ug/L		98	75 - 125		0	20
Nickel	2.7	I	100	98.9		ug/L		96	75 - 125		3	20
Selenium	1.0	U	100	96.5		ug/L		96	75 - 125		1	20
Silver	0.25	U	50.0	51.1		ug/L		102	75 - 125		2	20
Vanadium	3.8	U	100	101		ug/L		101	75 - 125		1	20
Thallium	0.50	U	40.0	38.2		ug/L		95	75 - 125		1	20
Zinc	8.3	U	100	95.2		ug/L		95	75 - 125		2	20
Tin	1.3	U	100	109		ug/L		109	75 - 125		4	20

Lab Sample ID: 640-39566-F-1-C MSD

Matrix: Water

Analysis Batch: 245005

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits		RPD	Limit
Iron	1600		5000	6740		ug/L		103	75 - 125		2	20

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: 640-39566-F-1-C MSD

Matrix: Water

Analysis Batch: 245005

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 244198

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Sodium	210	J3	5.00	222	J3	mg/L		157	75 - 125	0	20

Method: 7470A - Mercury

Lab Sample ID: MB 680-244238/1-A

Matrix: Water

Analysis Batch: 244836

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244238

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		07/24/12 09:57	07/27/12 11:14	1

Lab Sample ID: LCS 680-244238/2-A

Matrix: Water

Analysis Batch: 244836

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244238

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.15		ug/L		86	80 - 120

Lab Sample ID: 680-81356-B-4-C MS

Matrix: Water

Analysis Batch: 244836

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 244238

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.091	U J3	1.00	0.759	J3	ug/L		76	80 - 120

Lab Sample ID: 680-81356-B-4-D MSD

Matrix: Water

Analysis Batch: 244836

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 244238

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	0.091	U J3	1.00	0.741	J3	ug/L		74	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 660-126890/11-A

Matrix: Solid

Analysis Batch: 126903

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 126890

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.03		ug/L		103	80 - 120

Lab Sample ID: LB 660-126837/1-C LB

Matrix: Solid

Analysis Batch: 126903

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 126890

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.36	U	0.50	0.36	ug/L		07/23/12 11:18	07/23/12 12:46	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: LB 660-126876/1-C LB

Matrix: Solid

Analysis Batch: 126903

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 126890

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.36	U	0.50	0.36	ug/L		07/23/12 11:18	07/23/12 12:34	1

Lab Sample ID: 660-48983-A-1-H MS

Matrix: Solid

Analysis Batch: 126903

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 126890

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.36	U	1.00	0.994		ug/L		99	80 - 120

Lab Sample ID: 660-48983-A-1-I MSD

Matrix: Solid

Analysis Batch: 126903

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Prep Batch: 126890

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.36	U	1.00	0.979		ug/L		98	80 - 120	2	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 660-127192/4

Matrix: Water

Analysis Batch: 127192

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			07/30/12 09:33	1

Lab Sample ID: LCS 660-127192/5

Matrix: Water

Analysis Batch: 127192

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	9.85		mg/L		98	90 - 110

Lab Sample ID: 660-48985-D-1 MS

Matrix: Water

Analysis Batch: 127192

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	14		10.0	24.0		mg/L		104	90 - 110

Lab Sample ID: 660-48985-D-1 MSD

Matrix: Water

Analysis Batch: 127192

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	14		10.0	24.0		mg/L		104	90 - 110	0	30

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 660-127315/4

Matrix: Water

Analysis Batch: 127315

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			08/01/12 08:54	1

Lab Sample ID: LCS 660-127315/5

Matrix: Water

Analysis Batch: 127315

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	9.82		mg/L		98	90 - 110

Lab Sample ID: 660-49111-C-8 MS

Matrix: Water

Analysis Batch: 127315

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	8.1		10.0	18.7		mg/L		106	90 - 110

Lab Sample ID: 660-49111-C-8 MSD

Matrix: Water

Analysis Batch: 127315

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	8.1		10.0	18.7		mg/L		106	90 - 110	0	30

Lab Sample ID: 660-49114-A-3 MS

Matrix: Water

Analysis Batch: 127315

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10		10.0	21.0		mg/L		106	90 - 110

Lab Sample ID: 660-49114-A-3 MSD

Matrix: Water

Analysis Batch: 127315

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10		10.0	21.1		mg/L		106	90 - 110	0	30

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 680-244071/1-A

Matrix: Water

Analysis Batch: 244143

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0025	U	0.010	0.0025	mg/L		07/23/12 08:08	07/23/12 12:34	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 335.4 - Cyanide, Total (Continued)

Lab Sample ID: LCS 680-244071/2-A

Matrix: Water

Analysis Batch: 244143

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244071

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0500	0.0512		mg/L		102	90 - 110

Lab Sample ID: 680-81335-P-10-B MS

Matrix: Water

Analysis Batch: 244143

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 244071

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0025	U	0.0500	0.0509		mg/L		102	90 - 110

Lab Sample ID: 680-81335-P-10-C MSD

Matrix: Water

Analysis Batch: 244143

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 244071

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.0025	U	0.0500	0.0488		mg/L		98	90 - 110	4	20

Lab Sample ID: 640-39569-E-1-B DU

Matrix: Water

Analysis Batch: 244143

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 244071

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	0.0025	U	0.0025	U	mg/L		NC	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 660-127253/3

Matrix: Water

Analysis Batch: 127253

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	0.030	U	0.060	0.030	mg/L			07/31/12 21:00	1

Lab Sample ID: LCS 660-127253/4

Matrix: Water

Analysis Batch: 127253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	0.500	0.525		mg/L		105	90 - 110

Lab Sample ID: 660-48951-4 MS

Matrix: Water

Analysis Batch: 127253

Client Sample ID: Phase 1,2,3, Comp

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	150	J3	40.0	155	J3	mg/L		4	90 - 110

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 660-48951-4 MSD

Matrix: Water

Analysis Batch: 127253

Client Sample ID: Phase 1,2,3, Comp

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia as N	150	J3	40.0	155	J3	mg/L		3	90 - 110	0	30

Method: 353.2 - Nitrate

Lab Sample ID: MB 660-126841/12

Matrix: Water

Analysis Batch: 126841

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.10	U	0.50	0.10	mg/L			07/19/12 14:12	1

Lab Sample ID: LCS 660-126841/13

Matrix: Water

Analysis Batch: 126841

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	0.920		mg/L		92	90 - 110

Lab Sample ID: LCS 660-126841/8

Matrix: Water

Analysis Batch: 126841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	1.00	0.985		mg/L		99	90 - 110

Lab Sample ID: 660-48955-C-1 MS

Matrix: Water

Analysis Batch: 126841

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	0.10	U J3	1.00	0.853	J3	mg/L		85	90 - 110
Nitrite as N	0.10	U	0.500	0.503		mg/L		101	90 - 110

Lab Sample ID: 660-48955-C-1 MSD

Matrix: Water

Analysis Batch: 126841

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.10	U J3	1.00	0.849	J3	mg/L		85	90 - 110	0	30
Nitrite as N	0.10	U	0.500	0.508		mg/L		102	90 - 110	1	30

Method: 9045C - pH

Lab Sample ID: MB 660-126802/1-A

Matrix: Solid

Analysis Batch: 126804

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.050		1.00	1.00	SU			07/19/12 10:20	1

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: 9045C - pH (Continued)

Lab Sample ID: LCS 660-126802/2-A

Matrix: Solid

Analysis Batch: 126804

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	6.00	6.010		SU		100	98 - 102

Lab Sample ID: 660-48951-6 DU

Matrix: Solid

Analysis Batch: 126804

Client Sample ID: Leachate Sludge

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.02		7.210		SU		3	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 660-127030/1

Matrix: Water

Analysis Batch: 127030

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	1.0	U	1.0	1.0	mg/L			07/23/12 16:20	1

Lab Sample ID: LCS 660-127030/2

Matrix: Water

Analysis Batch: 127030

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	118	140		mg/L		119	80 - 120

Lab Sample ID: 660-48960-B-11 DU

Matrix: Water

Analysis Batch: 127030

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	39		39.2		mg/L		0.7	30

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

Lab Sample ID: MB 660-127000/1

Matrix: Water

Analysis Batch: 127000

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			07/25/12 12:55	1

Lab Sample ID: LCS 660-127000/2

Matrix: Water

Analysis Batch: 127000

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

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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

Lab Sample ID: 640-39551-A-1 DU

Matrix: Water

Analysis Batch: 127000

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	400		404		mg/L		1	20

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 660-126880/1

Matrix: Water

Analysis Batch: 126880

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	1.0	U	1.0	1.0	mg/L			07/23/12 09:37	1

Lab Sample ID: LCS 660-126880/2

Matrix: Water

Analysis Batch: 126880

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	20.0	19.4		mg/L		97	75 - 125

Lab Sample ID: LCSD 660-126880/3

Matrix: Water

Analysis Batch: 126880

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Sulfide	20.0	19.5		mg/L		98	75 - 125	1	25

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: SCB 660-126838/2 SCB

Matrix: Water

Analysis Batch: 126838

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	SCB Result	SCB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			07/20/12 08:37	1

Lab Sample ID: USB 660-126838/1 USB

Matrix: Water

Analysis Batch: 126838

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			07/20/12 08:37	1

Lab Sample ID: LCS 660-126838/3

Matrix: Water

Analysis Batch: 126838

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biochemical Oxygen Demand	198	218		mg/L		110	85 - 115

QC Sample Results

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method: SM 5210B - BOD, 5-Day (Continued)

Lab Sample ID: 660-48964-C-1 DU

Matrix: Water

Analysis Batch: 126838

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Biochemical Oxygen Demand	530		534		mg/L		2	20

Method: SM 5220D - COD

Lab Sample ID: MB 660-127239/4-A

Matrix: Water

Analysis Batch: 127240

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 127239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	10	U	20	10	mg/L		07/31/12 12:00	07/31/12 14:30	1

Lab Sample ID: LCS 660-127239/5-A

Matrix: Water

Analysis Batch: 127240

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 127239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	200	214		mg/L		107	90 - 110

Lab Sample ID: 640-39456-D-1-C MS

Matrix: Water

Analysis Batch: 127240

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 127239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	1200	J3	100	1220	J3	mg/L		32	90 - 110

Lab Sample ID: 640-39456-D-1-D MSD

Matrix: Water

Analysis Batch: 127240

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 127239

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chemical Oxygen Demand	1200	J3	100	1210	J3	mg/L		23	90 - 110	1	20

QC Association Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

GC/MS VOA

Analysis Batch: 127006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-1	Phase 3	Total/NA	Water	8260B	
660-48951-1 - DL	Phase 3	Total/NA	Water	8260B	
660-48951-1 DU	Phase 3	Total/NA	Water	8260B	
660-48951-2	Phase 2	Total/NA	Water	8260B	
660-48951-2 MS	Phase 2	Total/NA	Water	8260B	
660-48951-3	Phase 1/1A	Total/NA	Water	8260B	
660-48951-5	Effluent Leachate	Total/NA	Water	8260B	
660-48951-7	Trip Blank 48951	Total/NA	Water	8260B	
LCS 660-127006/5	Lab Control Sample	Total/NA	Water	8260B	
MB 660-127006/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 127039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-1	Phase 3	Total/NA	Water	8260B	
660-48951-2	Phase 2	Total/NA	Water	8260B	
660-48951-3	Phase 1/1A	Total/NA	Water	8260B	
660-48951-5	Effluent Leachate	Total/NA	Water	8260B	
660-48951-7	Trip Blank 48951	Total/NA	Water	8260B	
660-49021-B-1 DU	Duplicate	Total/NA	Water	8260B	
660-49021-B-2 MS	Matrix Spike	Total/NA	Water	8260B	
LCS 660-127039/3	Lab Control Sample	Total/NA	Water	8260B	
MB 660-127039/5	Method Blank	Total/NA	Water	8260B	

Leach Batch: 127138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-39620-B-2-A MS	Matrix Spike	TCLP	Solid	1311	
640-39620-B-2-A MSD	Matrix Spike Duplicate	TCLP	Solid	1311	
660-48951-6	Leachate Sludge	TCLP	Solid	1311	
LB 660-127138/1-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 127167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 660-127138/1-A LB	Method Blank	TCLP	Solid	8260B	127138

Analysis Batch: 127178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-39620-B-2-A MS	Matrix Spike	TCLP	Solid	8260B	127138
640-39620-B-2-A MSD	Matrix Spike Duplicate	TCLP	Solid	8260B	127138
660-48951-6	Leachate Sludge	TCLP	Solid	8260B	127138
LCS 660-127178/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 660-127178/7	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 126925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	3520C	
660-48951-4 - DL	Phase 1,2,3, Comp	Total/NA	Water	3520C	
660-48951-4 MS	Phase 1,2,3, Comp	Total/NA	Water	3520C	
660-48951-4 MS - DL	Phase 1,2,3, Comp	Total/NA	Water	3520C	
660-48967-E-1-A DU	Duplicate	Total/NA	Water	3520C	
LCS 660-126925/2-A	Lab Control Sample	Total/NA	Water	3520C	

QC Association Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

GC/MS Semi VOA (Continued)

Prep Batch: 126925 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 660-126925/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 127047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8270C	126925
660-48951-4 MS	Phase 1,2,3, Comp	Total/NA	Water	8270C	126925
660-48967-E-1-A DU	Duplicate	Total/NA	Water	8270C	126925
LCS 660-126925/2-A	Lab Control Sample	Total/NA	Water	8270C	126925
MB 660-126925/1-A	Method Blank	Total/NA	Water	8270C	126925

Analysis Batch: 127053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8270C	126925
660-48951-4 MS	Phase 1,2,3, Comp	Total/NA	Water	8270C	126925
660-48967-E-1-A DU	Duplicate	Total/NA	Water	8270C	126925
LCS 660-126925/2-A	Lab Control Sample	Total/NA	Water	8270C	126925
MB 660-126925/1-A	Method Blank	Total/NA	Water	8270C	126925

Analysis Batch: 127062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8270C	126925
660-48951-4 MS	Phase 1,2,3, Comp	Total/NA	Water	8270C	126925
660-48967-E-1-A DU	Duplicate	Total/NA	Water	8270C	126925
LCS 660-126925/2-A	Lab Control Sample	Total/NA	Water	8270C	126925
MB 660-126925/1-A	Method Blank	Total/NA	Water	8270C	126925

Analysis Batch: 127085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4 - DL	Phase 1,2,3, Comp	Total/NA	Water	8270C	126925
660-48951-4 MS - DL	Phase 1,2,3, Comp	Total/NA	Water	8270C	126925

Leach Batch: 127268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	TCLP	Solid	1311	
660-48951-6 MS	Leachate Sludge	TCLP	Solid	1311	
660-48951-6 MSD	Leachate Sludge	TCLP	Solid	1311	
LB 660-127268/1-B LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 127276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	TCLP	Solid	3520C	127268
660-48951-6 MS	Leachate Sludge	TCLP	Solid	3520C	127268
660-48951-6 MSD	Leachate Sludge	TCLP	Solid	3520C	127268
LB 660-127268/1-B LB	Method Blank	TCLP	Solid	3520C	127268
LCS 660-127276/2-A	Lab Control Sample	Total/NA	Solid	3520C	
MB 660-127276/1-A	Method Blank	Total/NA	Solid	3520C	

Analysis Batch: 127348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	TCLP	Solid	8270C	127276
660-48951-6 MS	Leachate Sludge	TCLP	Solid	8270C	127276
660-48951-6 MSD	Leachate Sludge	TCLP	Solid	8270C	127276

QC Association Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

GC/MS Semi VOA (Continued)

Analysis Batch: 127348 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 660-127268/1-B LB	Method Blank	TCLP	Solid	8270C	127276
LCS 660-127276/2-A	Lab Control Sample	Total/NA	Solid	8270C	127276
MB 660-127276/1-A	Method Blank	Total/NA	Solid	8270C	127276

GC Semi VOA

Prep Batch: 94473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	3520C	
660-48951-4 MS	Phase 1,2,3, Comp	Total/NA	Water	3520C	
660-48951-4 MSD	Phase 1,2,3, Comp	Total/NA	Water	3520C	
LCS 640-94473/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 640-94473/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 640-94473/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 94550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8141A	94473
660-48951-4 MS	Phase 1,2,3, Comp	Total/NA	Water	8141A	94473
660-48951-4 MSD	Phase 1,2,3, Comp	Total/NA	Water	8141A	94473
LCS 640-94473/2-A	Lab Control Sample	Total/NA	Water	8141A	94473
LCSD 640-94473/3-A	Lab Control Sample Dup	Total/NA	Water	8141A	94473
MB 640-94473/1-A	Method Blank	Total/NA	Water	8141A	94473

Prep Batch: 94554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	3520C	
LCS 640-94554/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 640-94554/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 640-94554/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 94612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8141A	94554
LCS 640-94554/2-A	Lab Control Sample	Total/NA	Water	8141A	94554
LCSD 640-94554/3-A	Lab Control Sample Dup	Total/NA	Water	8141A	94554
MB 640-94554/1-A	Method Blank	Total/NA	Water	8141A	94554

Leach Batch: 126835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	TCLP	Solid	1311	
660-48951-6 MS	Leachate Sludge	TCLP	Solid	1311	
660-48951-6 MSD	Leachate Sludge	TCLP	Solid	1311	
LB 660-126835/1-A LB	Method Blank	TCLP	Solid	1311	
LB 660-126835/1-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 126934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	3510C	
660-48997-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
660-48997-B-1-B MS	Matrix Spike	Total/NA	Water	3510C	
LCS 660-126934/2-A	Lab Control Sample	Total/NA	Water	3510C	

QC Association Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

GC Semi VOA (Continued)

Prep Batch: 126934 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 660-126934/3-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 660-126934/5-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 660-126934/4-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 660-126934/6-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 660-126934/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 126961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-1	Phase 3	Total/NA	Water	8011	
660-48951-2	Phase 2	Total/NA	Water	8011	
660-48951-2 MS	Phase 2	Total/NA	Water	8011	
660-48951-3	Phase 1/1A	Total/NA	Water	8011	
660-48951-3 DU	Phase 1/1A	Total/NA	Water	8011	
660-48951-5	Effluent Leachate	Total/NA	Water	8011	
LCS 660-126961/2-A	Lab Control Sample	Total/NA	Water	8011	
MB 660-126961/1-A	Method Blank	Total/NA	Water	8011	

Prep Batch: 126977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	TCLP	Solid	8151A	126835
660-48951-6 MS	Leachate Sludge	TCLP	Solid	8151A	126835
660-48951-6 MSD	Leachate Sludge	TCLP	Solid	8151A	126835
LCS 660-126977/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 660-126977/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 126979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-67232-D-29-A MS	Matrix Spike	Total/NA	Water	8151A	
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8151A	
660-48951-4 DU	Phase 1,2,3, Comp	Total/NA	Water	8151A	
LCS 660-126979/2-A	Lab Control Sample	Total/NA	Water	8151A	
MB 660-126979/1-A	Method Blank	Total/NA	Water	8151A	

Analysis Batch: 127021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-1	Phase 3	Total/NA	Water	8011	126961
660-48951-2	Phase 2	Total/NA	Water	8011	126961
660-48951-2 MS	Phase 2	Total/NA	Water	8011	126961
660-48951-3	Phase 1/1A	Total/NA	Water	8011	126961
660-48951-3 DU	Phase 1/1A	Total/NA	Water	8011	126961
660-48951-5	Effluent Leachate	Total/NA	Water	8011	126961
LCS 660-126961/2-A	Lab Control Sample	Total/NA	Water	8011	126961
MB 660-126961/1-A	Method Blank	Total/NA	Water	8011	126961

Prep Batch: 127034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	TCLP	Solid	3510C	126835
660-48951-6 MS	Leachate Sludge	TCLP	Solid	3510C	126835
660-48951-6 MSD	Leachate Sludge	TCLP	Solid	3510C	126835
LB 660-126835/1-D LB	Method Blank	TCLP	Solid	3510C	126835
LCS 660-127034/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 660-127034/1-A	Method Blank	Total/NA	Solid	3510C	

QC Association Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

GC Semi VOA (Continued)

Analysis Batch: 127071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8082	126934
LCS 660-126934/5-A	Lab Control Sample	Total/NA	Water	8082	126934
LCSD 660-126934/6-A	Lab Control Sample Dup	Total/NA	Water	8082	126934
MB 660-126934/1-A	Method Blank	Total/NA	Water	8082	126934

Analysis Batch: 127074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48997-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8081A	126934
660-48997-B-1-B MS	Matrix Spike	Total/NA	Water	8081A	126934
LCS 660-126934/2-A	Lab Control Sample	Total/NA	Water	8081A	126934

Analysis Batch: 127120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-67232-D-29-A MS	Matrix Spike	Total/NA	Water	8151A	126979
660-48951-6	Leachate Sludge	TCLP	Solid	8151A	126977
660-48951-6 MS	Leachate Sludge	TCLP	Solid	8151A	126977
660-48951-6 MSD	Leachate Sludge	TCLP	Solid	8151A	126977
LB 660-126835/1-A LB	Method Blank	TCLP	Solid	8151A	126835
LCS 660-126977/2-A	Lab Control Sample	Total/NA	Solid	8151A	126977
LCS 660-126979/2-A	Lab Control Sample	Total/NA	Water	8151A	126979
MB 660-126977/1-A	Method Blank	Total/NA	Solid	8151A	126977
MB 660-126979/1-A	Method Blank	Total/NA	Water	8151A	126979

Analysis Batch: 127123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8151A	126979
660-48951-4 DU	Phase 1,2,3, Comp	Total/NA	Water	8151A	126979

Analysis Batch: 127136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	TCLP	Solid	8081A	127034
660-48951-6 MS	Leachate Sludge	TCLP	Solid	8081A	127034
660-48951-6 MSD	Leachate Sludge	TCLP	Solid	8081A	127034
LB 660-126835/1-D LB	Method Blank	TCLP	Solid	8081A	127034
LCS 660-127034/2-A	Lab Control Sample	Total/NA	Solid	8081A	127034
MB 660-127034/1-A	Method Blank	Total/NA	Solid	8081A	127034

Analysis Batch: 127198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8081A	126934
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8081A	126934
LCS 660-126934/3-A	Lab Control Sample	Total/NA	Water	8081A	126934
LCS 660-126934/3-A	Lab Control Sample	Total/NA	Water	8081A	126934
LCSD 660-126934/4-A	Lab Control Sample Dup	Total/NA	Water	8081A	126934
LCSD 660-126934/4-A	Lab Control Sample Dup	Total/NA	Water	8081A	126934
MB 660-126934/1-A	Method Blank	Total/NA	Water	8081A	126934

Analysis Batch: 127610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	8081A	126934
MB 660-126934/1-A	Method Blank	Total/NA	Water	8081A	126934

QC Association Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Metals

Leach Batch: 126771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48924-A-1-D MS	Matrix Spike	TCLP	Solid	1311	
660-48924-A-1-E MSD	Matrix Spike Duplicate	TCLP	Solid	1311	
LB 660-126771/1-C LB	Method Blank	TCLP	Solid	1311	

Leach Batch: 126837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	TCLP	Solid	1311	
LB 660-126837/1-B LB	Method Blank	TCLP	Solid	1311	
LB 660-126837/1-C LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 126840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48924-A-1-D MS	Matrix Spike	TCLP	Solid	3010A	126771
660-48924-A-1-E MSD	Matrix Spike Duplicate	TCLP	Solid	3010A	126771
660-48951-6	Leachate Sludge	TCLP	Solid	3010A	126837
LB 660-126771/1-C LB	Method Blank	TCLP	Solid	3010A	126771
LB 660-126837/1-B LB	Method Blank	TCLP	Solid	3010A	126837
LCS 660-126840/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Leach Batch: 126876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48983-A-1-H MS	Matrix Spike	TCLP	Solid	1311	
660-48983-A-1-I MSD	Matrix Spike Duplicate	TCLP	Solid	1311	
LB 660-126876/1-C LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 126890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	TCLP	Solid	7470A	126837
660-48983-A-1-H MS	Matrix Spike	TCLP	Solid	7470A	126876
660-48983-A-1-I MSD	Matrix Spike Duplicate	TCLP	Solid	7470A	126876
LB 660-126837/1-C LB	Method Blank	TCLP	Solid	7470A	126837
LB 660-126876/1-C LB	Method Blank	TCLP	Solid	7470A	126876
LCS 660-126890/11-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 126891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48924-A-1-D MS	Matrix Spike	TCLP	Solid	6010B	126840
660-48924-A-1-E MSD	Matrix Spike Duplicate	TCLP	Solid	6010B	126840
660-48951-6	Leachate Sludge	TCLP	Solid	6010B	126840
LB 660-126771/1-C LB	Method Blank	TCLP	Solid	6010B	126840
LB 660-126837/1-B LB	Method Blank	TCLP	Solid	6010B	126840
LCS 660-126840/2-A	Lab Control Sample	Total/NA	Solid	6010B	126840

Analysis Batch: 126903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	TCLP	Solid	7470A	126890
660-48983-A-1-H MS	Matrix Spike	TCLP	Solid	7470A	126890
660-48983-A-1-I MSD	Matrix Spike Duplicate	TCLP	Solid	7470A	126890
LB 660-126837/1-C LB	Method Blank	TCLP	Solid	7470A	126890
LB 660-126876/1-C LB	Method Blank	TCLP	Solid	7470A	126890
LCS 660-126890/11-A	Lab Control Sample	Total/NA	Solid	7470A	126890

QC Association Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Metals (Continued)

Prep Batch: 244198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-39566-F-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
640-39566-F-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
660-48951-4	Phase 1,2,3, Comp	Total Recoverable	Water	3005A	
660-48951-5	Effluent Leachate	Total Recoverable	Water	3005A	
LCS 680-244198/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-244198/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 244238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	7470A	
660-48951-5	Effluent Leachate	Total/NA	Water	7470A	
680-81356-B-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-81356-B-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
LCS 680-244238/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-244238/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 244761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-39566-F-1-B MS	Matrix Spike	Total Recoverable	Water	6020A	244198
640-39566-F-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	244198
660-48951-4	Phase 1,2,3, Comp	Total Recoverable	Water	6020A	244198
660-48951-5	Effluent Leachate	Total Recoverable	Water	6020A	244198
LCS 680-244198/2-A	Lab Control Sample	Total Recoverable	Water	6020A	244198
MB 680-244198/1-A	Method Blank	Total Recoverable	Water	6020A	244198

Analysis Batch: 244836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	7470A	244238
660-48951-5	Effluent Leachate	Total/NA	Water	7470A	244238
680-81356-B-4-C MS	Matrix Spike	Total/NA	Water	7470A	244238
680-81356-B-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	244238
LCS 680-244238/2-A	Lab Control Sample	Total/NA	Water	7470A	244238
MB 680-244238/1-A	Method Blank	Total/NA	Water	7470A	244238

Analysis Batch: 245005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-39566-F-1-B MS	Matrix Spike	Total Recoverable	Water	6020A	244198
640-39566-F-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020A	244198
660-48951-4	Phase 1,2,3, Comp	Total Recoverable	Water	6020A	244198
660-48951-5	Effluent Leachate	Total Recoverable	Water	6020A	244198
LCS 680-244198/2-A	Lab Control Sample	Total Recoverable	Water	6020A	244198
MB 680-244198/1-A	Method Blank	Total Recoverable	Water	6020A	244198

Analysis Batch: 246018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total Recoverable	Water	6020A	244198

General Chemistry

Leach Batch: 126802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	Soluble	Solid	DI Leach	

QC Association Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

General Chemistry (Continued)

Leach Batch: 126802 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6 DU	Leachate Sludge	Soluble	Solid	DI Leach	
LCS 660-126802/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
MB 660-126802/1-A	Method Blank	Soluble	Solid	DI Leach	

Analysis Batch: 126804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	Soluble	Solid	9045C	126802
660-48951-6 DU	Leachate Sludge	Soluble	Solid	9045C	126802
LCS 660-126802/2-A	Lab Control Sample	Soluble	Solid	9045C	126802
MB 660-126802/1-A	Method Blank	Soluble	Solid	9045C	126802

Analysis Batch: 126838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	SM 5210B	
660-48964-C-1 DU	Duplicate	Total/NA	Water	SM 5210B	
LCS 660-126838/3	Lab Control Sample	Total/NA	Water	SM 5210B	
SCB 660-126838/2 SCB	Method Blank	Total/NA	Water	SM 5210B	
USB 660-126838/1 USB	Method Blank	Total/NA	Water	SM 5210B	

Analysis Batch: 126841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	353.2	
660-48955-C-1 MS	Matrix Spike	Total/NA	Water	353.2	
660-48955-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	353.2	
LCS 660-126841/13	Lab Control Sample	Total/NA	Water	353.2	
LCS 660-126841/8	Lab Control Sample	Total/NA	Water	353.2	
MB 660-126841/12	Method Blank	Total/NA	Water	353.2	

Analysis Batch: 126880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	SM 4500 S2 F	
LCS 660-126880/2	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
LCSD 660-126880/3	Lab Control Sample Dup	Total/NA	Water	SM 4500 S2 F	
MB 660-126880/1	Method Blank	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 127000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-39551-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	SM 2540C	
660-48951-5	Effluent Leachate	Total/NA	Water	SM 2540C	
LCS 660-127000/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-127000/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 127030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	SM 2320B	
660-48960-B-11 DU	Duplicate	Total/NA	Water	SM 2320B	
LCS 660-127030/2	Lab Control Sample	Total/NA	Water	SM 2320B	
MB 660-127030/1	Method Blank	Total/NA	Water	SM 2320B	

QC Association Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

General Chemistry (Continued)

Analysis Batch: 127073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-6	Leachate Sludge	Total/NA	Solid	Moisture	
LCS 660-127073/1	Lab Control Sample	Total/NA	Solid	Moisture	
LCSD 660-127073/16	Lab Control Sample Dup	Total/NA	Solid	Moisture	

Analysis Batch: 127192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48985-D-1 MS	Matrix Spike	Total/NA	Water	300.0	
660-48985-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
LCS 660-127192/5	Lab Control Sample	Total/NA	Water	300.0	
MB 660-127192/4	Method Blank	Total/NA	Water	300.0	

Prep Batch: 127239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-39456-D-1-C MS	Matrix Spike	Total/NA	Water	SM 5220	
640-39456-D-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5220	
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	SM 5220	
LCS 660-127239/5-A	Lab Control Sample	Total/NA	Water	SM 5220	
MB 660-127239/4-A	Method Blank	Total/NA	Water	SM 5220	

Analysis Batch: 127240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-39456-D-1-C MS	Matrix Spike	Total/NA	Water	SM 5220D	127239
640-39456-D-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5220D	127239
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	SM 5220D	127239
LCS 660-127239/5-A	Lab Control Sample	Total/NA	Water	SM 5220D	127239
MB 660-127239/4-A	Method Blank	Total/NA	Water	SM 5220D	127239

Analysis Batch: 127253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	350.1	
660-48951-4 MS	Phase 1,2,3, Comp	Total/NA	Water	350.1	
660-48951-4 MSD	Phase 1,2,3, Comp	Total/NA	Water	350.1	
660-48951-5	Effluent Leachate	Total/NA	Water	350.1	
LCS 660-127253/4	Lab Control Sample	Total/NA	Water	350.1	
MB 660-127253/3	Method Blank	Total/NA	Water	350.1	

Analysis Batch: 127315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	300.0	
660-48951-5	Effluent Leachate	Total/NA	Water	300.0	
660-49111-C-8 MS	Matrix Spike	Total/NA	Water	300.0	
660-49111-C-8 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
660-49114-A-3 MS	Matrix Spike	Total/NA	Water	300.0	
660-49114-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
LCS 660-127315/5	Lab Control Sample	Total/NA	Water	300.0	
MB 660-127315/4	Method Blank	Total/NA	Water	300.0	

Prep Batch: 244071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-39569-E-1-B DU	Duplicate	Total/NA	Water	Distill/CN	
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	Distill/CN	
680-81335-P-10-B MS	Matrix Spike	Total/NA	Water	Distill/CN	

QC Association Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

General Chemistry (Continued)

Prep Batch: 244071 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-81335-P-10-C MSD	Matrix Spike Duplicate	Total/NA	Water	Distill/CN	
LCS 680-244071/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 680-244071/1-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 244143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-39569-E-1-B DU	Duplicate	Total/NA	Water	335.4	244071
660-48951-4	Phase 1,2,3, Comp	Total/NA	Water	335.4	244071
680-81335-P-10-B MS	Matrix Spike	Total/NA	Water	335.4	244071
680-81335-P-10-C MSD	Matrix Spike Duplicate	Total/NA	Water	335.4	244071
LCS 680-244071/2-A	Lab Control Sample	Total/NA	Water	335.4	244071
MB 680-244071/1-A	Method Blank	Total/NA	Water	335.4	244071

Field Service / Mobile Lab

Analysis Batch: 126888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-48951-1	Phase 3	Total/NA	Water	Field Sampling	
660-48951-2	Phase 2	Total/NA	Water	Field Sampling	
660-48951-3	Phase 1/1A	Total/NA	Water	Field Sampling	
660-48951-5	Effluent Leachate	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 3

Date Collected: 07/18/12 13:13

Date Received: 07/18/12 17:20

Lab Sample ID: 660-48951-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	127006	07/24/12 17:40	RM	TAL TAM
Total/NA	Analysis	8260B	DL	10	127006	07/24/12 19:53	RM	TAL TAM
Total/NA	Analysis	8260B		1	127039	07/25/12 13:50	EC	TAL TAM
Total/NA	Prep	8011			126961	07/24/12 14:55	JB	TAL TAM
Total/NA	Analysis	8011		1	127021	07/24/12 19:50	JB	TAL TAM
Total/NA	Analysis	Field Sampling		1	126888	07/18/12 13:13		TAL TAM

Client Sample ID: Phase 2

Date Collected: 07/18/12 13:22

Date Received: 07/18/12 17:20

Lab Sample ID: 660-48951-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	127006	07/24/12 18:15	RM	TAL TAM
Total/NA	Analysis	8260B		1	127039	07/25/12 13:14	EC	TAL TAM
Total/NA	Prep	8011			126961	07/24/12 14:55	JB	TAL TAM
Total/NA	Analysis	8011		1	127021	07/24/12 20:07	JB	TAL TAM
Total/NA	Analysis	Field Sampling		1	126888	07/18/12 13:22		TAL TAM

Client Sample ID: Phase 1/1A

Date Collected: 07/18/12 13:35

Date Received: 07/18/12 17:20

Lab Sample ID: 660-48951-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	127006	07/24/12 19:06	RM	TAL TAM
Total/NA	Analysis	8260B		1	127039	07/25/12 13:32	EC	TAL TAM
Total/NA	Prep	8011			126961	07/24/12 14:55	JB	TAL TAM
Total/NA	Analysis	8011		1	127021	07/24/12 20:42	JB	TAL TAM
Total/NA	Analysis	Field Sampling		1	126888	07/18/12 13:35		TAL TAM

Client Sample ID: Phase 1,2,3, Comp

Date Collected: 07/18/12 13:50

Date Received: 07/18/12 17:20

Lab Sample ID: 660-48951-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			126925	07/24/12 08:48	JV	TAL TAM
Total/NA	Analysis	8270C		1	127047	07/25/12 16:29	SCC	TAL TAM
Total/NA	Analysis	8270C		1	127053	07/25/12 16:29	SCC	TAL TAM
Total/NA	Analysis	8270C		1	127062	07/25/12 16:29	SCC	TAL TAM
Total/NA	Prep	3520C	DL		126925	07/24/12 08:48	JV	TAL TAM
Total/NA	Analysis	8270C	DL	4	127085	07/26/12 14:29	SCC	TAL TAM
Total/NA	Prep	3520C			94473	07/25/12 12:15	MJ	TAL TAL
Total/NA	Analysis	8141A		1	94550	07/27/12 11:08	MLT	TAL TAL
Total/NA	Prep	3520C			94554	07/27/12 14:29	MJ	TAL TAL

Lab Chronicle

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Phase 1,2,3, Comp

Lab Sample ID: 660-48951-4

Date Collected: 07/18/12 13:50

Matrix: Water

Date Received: 07/18/12 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8141A		1	94612	07/31/12 15:15	MLT	TAL TAL
Total/NA	Prep	3510C			126934	07/24/12 09:39	AG	TAL TAM
Total/NA	Analysis	8082		1	127071	07/26/12 13:44	JB	TAL TAM
Total/NA	Prep	8151A			126979	07/25/12 08:33	AG	TAL TAM
Total/NA	Analysis	8151A		1	127123	07/27/12 08:07	JLS	TAL TAM
Total/NA	Analysis	8081A		1	127198	07/30/12 19:28	JB	TAL TAM
Total/NA	Analysis	8081A		1	127198	07/30/12 19:41	JB	TAL TAM
Total/NA	Analysis	8081A		1	127610	08/09/12 12:59	JB	TAL TAM
Total Recoverable	Prep	3005A			244198	07/23/12 16:26	VHB	TAL SAV
Total Recoverable	Analysis	6020A		1	244761	07/27/12 03:59	BR	TAL SAV
Total/NA	Prep	7470A			244238	07/24/12 09:57	UU	TAL SAV
Total/NA	Analysis	7470A		1	244836	07/27/12 11:43	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1	245005	07/28/12 00:48	BR	TAL SAV
Total Recoverable	Analysis	6020A		10	246018	08/08/12 11:26	BR	TAL SAV
Total/NA	Analysis	SM 5210B		1	126838	07/20/12 08:37	AG	TAL TAM
Total/NA	Analysis	353.2		1	126841	07/19/12 14:24	KW	TAL TAM
Total/NA	Analysis	SM 4500 S2 F		1	126880	07/23/12 09:37	AG	TAL TAM
Total/NA	Analysis	SM 2540C		1	127000	07/25/12 12:55	TO	TAL TAM
Total/NA	Analysis	SM 2320B		1	127030	07/23/12 16:20	RWF	TAL TAM
Total/NA	Prep	SM 5220			127239	07/31/12 12:00	RWF	TAL TAM
Total/NA	Analysis	SM 5220D		1	127240		RWF	TAL TAM
					(Start)	07/31/12 14:30		
					(End)	07/31/12 15:00		
Total/NA	Analysis	350.1		40	127253	07/31/12 21:02	TO	TAL TAM
Total/NA	Analysis	300.0		100	127315	08/01/12 16:37	KW	TAL TAM
Total/NA	Prep	Distill/CN			244071	07/23/12 08:08	DAM	TAL SAV
Total/NA	Analysis	335.4		1	244143	07/23/12 12:51	DAM	TAL SAV

Client Sample ID: Effluent Leachate

Lab Sample ID: 660-48951-5

Date Collected: 07/18/12 12:30

Matrix: Water

Date Received: 07/18/12 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	127006	07/24/12 19:23	RM	TAL TAM
Total/NA	Analysis	8260B		1	127039	07/25/12 12:02	EC	TAL TAM
Total/NA	Prep	8011			126961	07/24/12 14:55	JB	TAL TAM
Total/NA	Analysis	8011		1	127021	07/24/12 21:18	JB	TAL TAM
Total Recoverable	Prep	3005A			244198	07/23/12 16:26	VHB	TAL SAV
Total Recoverable	Analysis	6020A		1	244761	07/27/12 04:06	BR	TAL SAV
Total/NA	Prep	7470A			244238	07/24/12 09:57	UU	TAL SAV
Total/NA	Analysis	7470A		1	244836	07/27/12 11:47	BCB	TAL SAV
Total Recoverable	Analysis	6020A		1	245005	07/28/12 00:55	BR	TAL SAV
Total/NA	Analysis	SM 2540C		1	127000	07/25/12 12:55	TO	TAL TAM

Lab Chronicle

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Client Sample ID: Effluent Leachate

Lab Sample ID: 660-48951-5

Date Collected: 07/18/12 12:30

Matrix: Water

Date Received: 07/18/12 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	127253	07/31/12 21:06	TO	TAL TAM
Total/NA	Analysis	300.0		100	127315	08/01/12 16:52	KW	TAL TAM
Total/NA	Analysis	Field Sampling		1	126888	07/18/12 12:30		TAL TAM

Client Sample ID: Leachate Sludge

Lab Sample ID: 660-48951-6

Date Collected: 07/18/12 12:50

Matrix: Solid

Date Received: 07/18/12 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			127138	07/26/12 15:00	TP	TAL TAM
TCLP	Analysis	8260B		10	127178	07/30/12 15:45	RM	TAL TAM
TCLP	Leach	1311			127268	08/01/12 09:38	SR	TAL TAM
TCLP	Prep	3520C			127276	08/01/12 11:12	JV	TAL TAM
TCLP	Analysis	8270C		1	127348	08/02/12 13:04	SCC	TAL TAM
TCLP	Leach	1311			126835	07/20/12 08:31	TG	TAL TAM
TCLP	Prep	8151A			126977	07/25/12 08:30	AG	TAL TAM
TCLP	Analysis	8151A		1	127120	07/26/12 22:49	JLS	TAL TAM
TCLP	Prep	3510C			127034	07/26/12 08:20	AG	TAL TAM
TCLP	Analysis	8081A		1	127136	07/27/12 13:24	JB	TAL TAM
TCLP	Leach	1311			126837	07/20/12 08:36	TG	TAL TAM
TCLP	Prep	3010A			126840	07/20/12 08:58	GF	TAL TAM
TCLP	Analysis	6010B		1	126891	07/23/12 09:02	GF	TAL TAM
TCLP	Prep	7470A			126890	07/23/12 11:18	TG	TAL TAM
TCLP	Analysis	7470A		1	126903	07/23/12 12:48	TG	TAL TAM
Soluble	Analysis	9045C		1	126804	07/19/12 10:20	EE	TAL TAM
Soluble	Leach	DI Leach			126802	07/19/12 10:20	EE	TAL TAM
Total/NA	Analysis	Moisture		1	127073	07/26/12 13:12	AG	TAL TAM

Client Sample ID: Trip Blank 48951

Lab Sample ID: 660-48951-7

Date Collected: 07/18/12 00:00

Matrix: Water

Date Received: 07/18/12 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	127006	07/24/12 17:23	RM	TAL TAM
Total/NA	Analysis	8260B		1	127039	07/25/12 11:44	EC	TAL TAM

Laboratory References:

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

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

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

Certification Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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	NELAC	4	E84282	06-30-13
Georgia	State Program	4	905	07-31-12
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	08-15-12
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13
California	NELAC	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-12
Connecticut	State Program	1	PH-0161	03-31-13
Florida	NELAC	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-12
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-12
Guam	State Program	9	09-005r	04-17-12
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAC	5	200022	11-30-12
Indiana	State Program	5	N/A	06-30-12
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	NELAC	6	30690	06-30-13
Louisiana	NELAC	6	LA100015	12-31-12
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	06-30-12
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	NELAC	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAC	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	08-31-12
Pennsylvania	NELAC	3	68-00474	06-30-13
Puerto Rico	State Program	2	GA00006	01-01-13
Rhode Island	State Program	1	LAO00244	12-30-12
South Carolina	State Program	4	98001	06-30-12
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAC	6	T104704185-08-TX	11-30-12
USDA	Federal		SAV 3-04	04-07-14
Vermont	State Program	1	87052	11-16-12
Virginia	NELAC	3	460161	06-14-13
Washington	State Program	10	C1794	06-10-13

Certification Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

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
West Virginia	State Program	3	9950C	12-31-12
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-12
Wyoming	State Program	8	8TMS-Q	06-30-12

Laboratory: TestAmerica Tallahassee

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAC	4	E81005	06-30-13
Louisiana	NELAC	6	30663	06-30-13
New Jersey	NELAC	2	FL012	06-30-13
Oklahoma	State Program	6	9986	08-31-12
Texas	NELAC	6	T104704459-11-2	03-31-13
USDA	Federal		P330-08-00158	08-05-14

Method Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL TAM
8011	EDB and DBCP in Water by Microextraction	EPA	TAL TAM
8011	EDB	EPA	TAL TAM
8081A	Organochlorine Pesticides (GC)	SW846	TAL TAM
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL TAM
8141A	Organophosphorous Pesticides (GC)	SW846	TAL TAL
8151A	Herbicides (GC)	SW846	TAL TAM
6010B	Metals (ICP)	SW846	TAL TAM
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
7470A	Mercury	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL TAM
300.0	Anions, Ion Chromatography	MCAWW	TAL TAM
300.0	Chloride	40CFR136A	TAL TAM
335.4	Cyanide, Total	MCAWW	TAL SAV
350.1	Nitrogen, Ammonia	MCAWW	TAL TAM
353.2	Nitrate	MCAWW	TAL TAM
9045C	pH	SW846	TAL TAM
Moisture	Percent Solid	EPA	TAL TAM
SM 2320B	Alkalinity	SM	TAL TAM
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM
SM 4500 S2 F	Sulfide, Total	SM	TAL TAM
SM 5210B	BOD, 5-Day	SM	TAL TAM
SM 5220D	COD	SM	TAL TAM
Field Sampling	Field Sampling	EPA	TAL TAM

Protocol References:

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

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

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

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

Sample Summary

Client: SCS Engineers
Project/Site: Citrus County Landfill

TestAmerica Job ID: 660-48951-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-48951-1	Phase 3	Water	07/18/12 13:13	07/18/12 17:20
660-48951-2	Phase 2	Water	07/18/12 13:22	07/18/12 17:20
660-48951-3	Phase 1/1A	Water	07/18/12 13:35	07/18/12 17:20
660-48951-4	Phase 1,2,3, Comp	Water	07/18/12 13:50	07/18/12 17:20
660-48951-5	Effluent Leachate	Water	07/18/12 12:30	07/18/12 17:20
660-48951-6	Leachate Sludge	Solid	07/18/12 12:50	07/18/12 17:20
660-48951-7	Trip Blank 48951	Water	07/18/12 00:00	07/18/12 17:20

Chain of Custody Record

[illegible]

TestAmerica

Received: 6 May 2016; Accepted: 14 July 2016; Published: 22 July 2016

[illegible]

Chain of Custody Record

Client Information		Sample ID: <u>SKIN Vestary</u>		Lab PIV: <u>Robertson, Nancy</u>		Carrier Tracking No(s):		COC No: <u>660-42321-13833.1</u>	
Client Contact: <u>Mr. Ken Guilbeault</u>		Phone: <u>407-399-3348</u>		E-Mail: <u>nancy.robertson@testamerica.com</u>				Page: <u>1 of 1</u>	
Company: <u>SCS Engineers</u>		Due Date Requested:		Analysis Requested				Job #:	
Address: <u>4041 Park Oaks Blvd Suite 100</u>		TAT Requested (days):							
City: <u>Tampa</u>									
State, Zip: <u>FL 33610</u>		PO #:							
Phone: <u>09-00696-2</u>		MO #:							
Email: <u>kguilbeault@scsengineers.com</u>		Project #:							
Project Name: <u>Citrus County Landfill</u>		SSOW#:							
Site:									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=Soil, C=Overseal, B=Blank, A=Air)	Field Filtered Sample (Yes or No)			
<u>Esther Leachate</u>		<u>7-18-12</u>	<u>12:00</u>	<u>C</u>	<u>Water</u>	☒ Perform MS/MSD (Yes or No)			
						☒ 350.1 - Ammonia as N			
						☒ 2540C - Total Dissolved Solids			
						☒ 8011 - EDB			
						☒ 8260B - Appendix I + THMs			
						☒ 300.0_28D - Chloride			
						☒ 6020A, 7470A			
						☒ Total Number of containers			
						☒ Special Instructions/Note:			
						Preservation Codes:			
						A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecanhydrate U - Ascorbic V - NCA W - pH 4.5 Z - other (specify)			
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months			
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:			
Empty Kit Relinquished by: <u>[Signature]</u>		Date: <u>7-18-12</u>	Time: <u>12:00</u>			Method of Shipment:			
Relinquished by: <u>[Signature]</u>		Date/Time: <u>7/18/12 12:00</u>	Company: <u>THCA</u>			Received by: <u>[Signature]</u>			
Relinquished by: <u>[Signature]</u>		Date/Time: <u>7/18/12 12:00</u>	Company: <u>THCA</u>			Received by: <u>[Signature]</u>			
Custody Seals Intact: <u>Yes</u>		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: <u>2.5°C (4.0°F)</u>			

TestAmerica

THE UNIVERSITY OF CHICAGO

Client Information Client Contact: <u>Mr. Ken Guilbeault</u> Phone: _____ E-Mail: <u>nancy.robertson@testamericainc.com</u> Company: <u>SCS Engineers</u> Address: <u>4041 Park Oaks Blvd Suite 100</u> City: <u>Tampa</u> State, Zip: <u>FL, 33610</u> Phone: _____ Email: <u>kguilbeault@scsengineers.com</u> Project Name: <u>Citrus County Landfill</u> Site: _____		Sampler: <u>Shawn J. Fife</u> Lab P.I.: <u>Robertson, Nancy</u> Corner Trading No(s): _____ CQC No: <u>660-42318-13831.1</u> Page: _____ Page 1 of 1	
Due Date Requested: _____ TAT Requested (days): _____		Analysis Requested	
Field Filtered Sample (Yes or No) ☒ Perform MS/MSD (Yes or No) ☒			
Sample Identification <u>Leachate Sludge</u>		Sample Date: <u>7-18-12</u> Sample Time: <u>1230</u> Sample Type (C=Comp, G=grab): <u>G</u> Matrix (W=Water, S=Soil, O=Other): <u>Solid</u>	8081A - Pesticides, TCLP ☒ 8260B - Volatiles, TCLP ☒ 8161A, 8270C ☒ 6010B, 7470A ☒ 9045C - pH ☒
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) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify) _____		Special Instructions/Note: _____	
Empty Kit Relinquished by: _____ Relinquished by: <u>[Signature]</u> Date/Time: <u>7-18-12</u> Company: <u>SCS</u>		Received by: <u>[Signature]</u> Date/Time: <u>7/18/12 1230</u> Company: <u>SCS</u>	
Relinquished by: _____ Date/Time: _____ Company: _____		Received by: _____ Date/Time: _____ Company: _____	
Custody Seals Intact: ☒ Yes ☐ No Custody Seal No.: _____		Cooler Temperature(s) °C and Other Remarks: <u>2.5°C (4-03)</u>	

DEP-SOP-001/01-Form FD 9000-7 Field Parameter Data Sheet for Surface Water

PAGE: 1 of 7

Form FD 9000-7: Field Parameter Data Sheet for Surface Water

SAMPLERS: Sham Victoria

Time Out: _____
Time In: _____

Instrument Calibrations: YSI 3500 Calibrated to pH 7.00, slope to pH 4.00, pH 6.00 $\equiv$ SEE Calibration log

KCl Conductivity Standards: 0.001M = _____ (147.1 $\mu\text{S}/\text{cm}$) 0.01M = _____ (1413 $\mu\text{S}/\text{cm}$) YSI 85 D.O. Meter Calibrated to _____ mg/L @ _____ °C Cooler Temp: _____ °C

Date Completed: 7/1/12 Received by: Date: 1/1 Time:

Note: This Sheet is used for recording Sample Data – Calibration information must also be documented

DEP-SOP-001/01-Form FD 9000-7 Field Parameter Data Sheet for Surface Water

PAGE: (of)

Form FD 9000-7: Field Parameter Data Sheet for Surface Water

SAMPLERS: Shawn Victory
Carbon Fork

Time Out _____
Time In: _____

Instrument Calibrations: YSI 3500 Calibrated to pH 7.00, slope to pH 4.00, pH 6.00 = 57.5 $^{\circ}\text{C}$ calibration log

YSI 85 D D Meter Calibrated to mg/L @ $^{\circ}\text{C}$

Cooler Temp: $^{\circ}\text{C}$

Cooler Temp: ____°C

Time:

TINA STAGE:

TIDAL STAGE:

WAVE CONDIT

Note: This Sheet is used for recording Sample Data -- Calibration information must also be documented

660-48951

Chain of Custody Record

Client Information		Sample: <u>Shan Victory</u>		Lab P/N: <u>Robertson, Nancy</u>		Carrier Tracking No(s):		COC No: <u>660-42320-13892.1</u>	
Client Contact: <u>Mr. Ken Guilbeault</u>		Phone: <u>407-399-3349</u>		E-Mail: <u>nancy.robertson@testamericainc.com</u>				Page: <u>Page 1 of 2</u>	
Company: <u>SCS Engineers</u>		Due Date Requested:		Analysis Requested				Job #:	
Address: <u>4041 Park Oaks Blvd Suite 100</u>		City: <u>Tampa</u>		State Zip: <u>FL 33610</u>		Phone: <u>PO #</u>		Email: <u>kguilbeault@scsengineers.com</u>	
Project Name: <u>Chris County Landfill</u>		Project #: <u>66005072</u>		SSOW#:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, A=air)	8011 - EDB, DBCP			
Phase 3	7-18-12	13/3	6	Water		8260B - Appendix II Volatiles			
Phase 2		13/22	6	Water		8141A - Appendix II OP Pesticides			
Phase 1, 1/4		13/35	6	Water		363.2 - Nitrate			
Phase 1, 2, 3 Camp		13/50	C	Water		360.1 - Ammonia as N			
						5220D - Chemical Oxygen Demand			
						2320B - Total Alkalinity as CaCO3			
						8081A - Appendix II Pesticides			
						8082 - Polychlorinated Biphenyls (PCBs)			
						8270C - Appendix II Semivolatiles			
						2540C, 5210B			
						SM4600_S2_F - Sulfide			
						300.0_28D - Chloride			
						Total Number of containers			
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)		Return To Client ☐ Disposal By Lab ☐ Archive For ☐		Months	
Deliverable Requested: I, II, III, IV, Other (Specify)		Special Instructions/QC Requirements:		Cooler Temperature(s) °C and Other Remarks: <u>35, 4.6°C (U-03)</u>					
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:					
Relinquished by: <u>[Signature]</u>		Date/Time: <u>7-18-12</u>	Company: <u>THC</u>	Received by: <u>[Signature]</u>		Date/Time: <u>7/19/12 1530</u>	Company: <u>THC</u>		
Relinquished by: <u>[Signature]</u>		Date/Time: <u>7/19/12 MD</u>	Company: <u>THC</u>	Received by: <u>[Signature]</u>		Date/Time: <u>7/19/12 1230</u>	Company: <u>THC</u>		
Relinquished by: <u>[Signature]</u>		Date/Time:	Company:	Received by: <u>[Signature]</u>		Date/Time:	Company:		
Custody Seals Intact: <u>Δ Yes Δ No</u>		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

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Chain of Custody Record

TestAmerica

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THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE

[illegible]

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

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8/10/2012

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 660-48951-1

Login Number: 48951

List Source: TestAmerica Tampa

List Number: 1

Creator: McNulty, Carol

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

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 660-48951-1

Login Number: 48951

List Source: TestAmerica Savannah

List Number: 1

List Creation: 07/20/12 02:46 PM

Creator: Howard, Brandon L

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

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 660-48951-1

Login Number: 48951

List Source: TestAmerica Tallahassee

List Number: 1

List Creation: 07/20/12 03:07 PM

Creator: Savoie, Noel

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ATTACHMENT 2

MONTHLY LEACHATE QUALITY
ANALYTICAL RESULTS FOR
JULY, AUGUST, AND SEPTEMBER 2012

S.A.C. ENVIRONMENTAL LABORATORY INC

ANALYTICAL RESULTS

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Workorder: CITRUS COUNTY UTILITIES

Project: LANDFILL LEACHATE

Lab ID: E120708

Date Collected: 7/3/12 0850

Sample ID: EFFLUENT

Date Received: 7/3/12 0944

Sample Description:

Location: WWTP

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc:					Analytical Method:			
CBOD	2.33	mg/L			SM5210-B	0.30	7/4/12 1300	
NITRATE	1.52	mg/L			SM4500 NO3-E	0.60	7/4/12 0935	
TSS	15.00	mg/L			SM2540-D	1.00	7/4/12 0929	

Sally Ann Canullo
QA Officer



S.A.C. ENVIRONMENTAL LABORATORY INC

ANALYTICAL RESULTS

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Workorder: CITRUS COUNTY UTILITIES

Project: LANDFILL LEACHATE

Lab ID: E120862

Date Collected: 8/9/12 1030

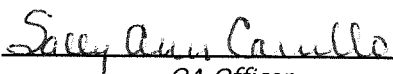
Sample ID: EFFLUENT

Date Received: 8/9/12 1140

Sample Description:

Location: WWTP

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc:	Analytical Method:							
CBOD	2.66	mg/L			SM5210-B	0.30	8/9/12 1154	
NITRATE	1.18	mg/L			SM4500 NO3-E	0.06	8/9/12 1418	
TSS	2.50	mg/L			SM2540-D	1.00	8/10/12 0937	


QA Officer



S.A.C. ENVIRONMENTAL LABORATORY INC

ANALYTICAL RESULTS

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Workorder: CITRUS COUNTY UTILITIES

Project: LANDFILL LEACHATE

Lab ID: E120962

Date Collected: 9/6/12 0935

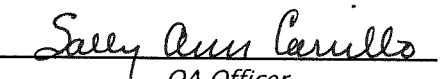
Sample ID: EFFLUENT

Date Received: 9/6/12 1020

Sample Description:

Location: WWTP

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc:					Analytical Method:			
CBOD	1.64	mg/L			SM5210-B	0.30	9/6/12 1158	
NITRATE	0.19	mg/L			SM4500 NO3-E	0.60	9/6/12 1459	
TSS	1.00	mg/L			SM2540-D	1.00	9/7/12 0945	


QA Officer



ATTACHMENT 3

TABLES

Table 1. Summary of Leachate Effluent Quality Analytical Results
Citrus County Central Landfill

Parameter	Standard	MCL	Units	Leachate Effluent																		
				10/15/2008	1/27/2009	4/20/2009	7/21/2009	9/9/2009	10/14/2009	1/26/2010	5/12/2010	7/27/2010	9/9/2010	10/27/2010	1/19/2011	4/28/2011	5/25/2011	7/20/2011	10/19/2011	1/18/2012	5/1/2012	7/18/2012
Volatile Organics								Resample					Resample				Resample					
Acetone	GCTL	6300	ug/L	---	---	---	21	---	---	---	---	40	15 I	---	---	---	---	9.9 U J3	---	---	---	9.9 U
Benzene	PDWS	1	ug/L	0.5 U	1 U	0.5 U	0.5 U	---	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	---	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	PDWS	3	ug/L	---	---	---	1 U	---	---	---	---	1.2	0.45 I	---	---	---	---	0.42 U	---	---	---	0.42 U
Chlorobromomethane	GCTL	91	ug/L	---	---	---	0.58 U	0.58 U	---	---	---	5.7	0.58 U	---	---	---	---	0.58 U	---	---	---	0.58 U
Chloromethane	GCTL	2.7	ug/L	---	---	---	1 U	---	---	---	---	2.4 I	1.0 U	---	---	---	---	1.0 U	---	---	---	1.0 U
Dibromomethane	GCTL	70	ug/L	---	---	---	0.41 U	---	---	---	---	5.8	0.41 U	---	---	---	---	0.41 U	---	---	---	0.41 U
Ethylbenzene	SDWS	30	ug/L	0.5 U	1 U	0.5 U	0.44 U	---	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	---	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Ethylene Dibromide	PDWS	0.02	ug/L	0.0061 U	0.0064 U	0.0064 U	0.5 U	---	0.0061 U	0.0098 U	0.0096 U	0.010 U	---	0.010 U	0.0097 U	0.011 U	---	0.010 U	0.010 U	0.010 U	0.011 U	0.0096 U
Toluene	SDWS	40	ug/L	0.5 U	1 U	0.5 U	0.51 U	---	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	---	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
Vinyl chloride	PDWS	1	ug/L	0.53 U	1.1 U	0.53 U	0.5 U	---	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	---	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
Xylenes, Total	SDWS	20	ug/L	1 U	2.1 I	1 U	0.5 U	---	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	---	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
Trihalomethanes																						
Bromodichloromethane	See Total THMs		ug/L	---	14	---	410	0.35 U	---	13	---	870	170	0.35 U	0.35 U	---	---	30	---	8.7	---	0.35 U
Bromoform	See Total THMs		ug/L	---	2.9	---	71	0.58 U	---	7	---	190	36	0.58 U	0.58 U	---	---	8.5	---	0.58 U	---	0.58 U
Chloroform	See Total THMs		ug/L	---	11	---	370	0.90 U	---	8.3	---	900	110	0.90 U	0.9 U	---	---	25	---	9.9	---	1.6
Dibromochloromethane	See Total THMs		ug/L	---	6.9	---	280	0.58 U	---	9.7	---	670	110	0.34 U	0.34 U	---	---	19	---	2.4	---	0.34 U
Total THMs	Permit	100	ug/L	---	34.8	---	1131	Not Detected	---	38	---	2630	426	Not Detected	Not Detected	---	---	82.5	---	21	---	1.6
Metals																						
Antimony	PDWS	0.006	mg/L	---	---	---	---	---	---	---	---	0.0031 I	---	---	---	---	---	0.0092 U	---	---	---	0.0029 I
Arsenic	PDWS	0.01	mg/L	---	---	---	0.0091 I	---	---	---	---	0.025	0.02	0.034	0.012	0.036	---	0.046	0.035	0.031	0.032	0.017
Barium	PDWS	2	mg/L	---	---	---	0.058	---	---	---	---	0.081	---	---	---	---	---	0.011	---	---	---	0.064
Cobalt	GCTL	0.14	mg/L	---	---	---	0.011	---	---	---	---	0.019	---	---	---	---	---	0.022	---	---	---	0.0045
Chromium	PDWS	0.1	mg/L	---	---	---	0.0058 I	---	---	---	---	0.0066	---	---	---	---	---	0.0063	---	---	---	0.0037 I
Copper	SDWS	1	mg/L	---	---	---	0.014	---	---	---	---	0.024	---	---	---	---	---	0.0027	---	---	---	0.0056
Lead	PDWS	0.015	mg/L	---	---	---	0.002 U	---	---	---	---	0.0031	---	---	---	---	---	0.00020 U	---	---	---	0.00020 U
Nickel	PDWS	0.1	mg/L	---	---	---	0.046	---	---	---	---	0.071	---	---	---	---	---	0.077	---	---	---	0.021
Iron	SDWS	0.3	mg/L	---	---	---	0.068 I	---	---	---	---	0.058 I	---	---	---	---	---	0.076 I	---	---	---	0.26
Zinc	SDWS	5	mg/L	---	---	---	0.020 I	---	---	---	---	0.031	---	---	---	---	---	0.03	---	---	---	0.015 I
General Chemistry																						
Ammonia, Total	GCTL	2.8	mg/L	0.094	1.1	0.19	0.16	---	0.010 U	0.086	0.17	0.09	---	0.013 I	0.01	10	0.7	0.3	0.22	1.4	0.097	0.91
Chloride	SDWS	250	mg/L	940	1300	1500	710	---	910	1000	1200	1300	---	1000	750	960	---	1200	970	1000	1100	570
Cyanide	PDWS	0.2	mg/L	---	---	---	0.014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sodium	PDWS	160	mg/L	570	800	820	430	---	570	580	750	830	---	670	400	630	---	800	590	760	610	260
TDS	SDWS	500	mg/L	2400	2800	3000	1800	---	2000	2200	2900	1500	---	2500	1600	2400	---	2800	1600	2600	2200	1400
TOC	NS	NS	mg/L	---	---	---	---	---	---	---	---	---	---	140	---	---	---	---	---	---	---	---
General Field Parameters																						
Conductivity	NS	NS	umhos/cm	3929	4907	4820	3462	2786	3772	3475	4752	4617	4167	4358	3176	3780	4701	3963	3675	4526	4181	2281
Dissolved Oxygen	NS	NS	mg/L	2.96	0.93	2.78	1.34	0.3	0.72	7.01	0.75	1.22	1.42	1.36	6.01	8.38	0.14	1.81	1.21	2.28	4.34	7.34
pH	SDWS	6.5-8.5	pH Units	7.87	7.79	7.68	7.49	7.94	7.83	7.27	7.52	7.37	7.69	8.1	7.52	8.13	7.81	7.65	8.32	7.03	7.44	7.21
Oxygen Reduction Potential	NS	NS	mV	---	---	---	---	---	---	228	25.8	350.7	-1.8	164.3	40.2	197.6	216.7	109.4	182.2	217.8	58	-118
Temperature, Water	NS	NS	deg C	26.55	17.35	24.83	31.5	27.9	27.9	17.1	27.2	28.5	29.4	26.2	---	27.3	27.5	29.1	25.3	15.9	26.1	27.2
Turbidity	NS	NS	NTU	1.07	1.65	5	---	6.67	4.73	1.84	7.94	3.4	2.71	4.55	---	10.8	7.04	2.69	5.36	8.33	3.64	6.34

- Notes
1. PDWS = Primary Drinking Water Standard (62-550 F.A.C.).
 2. SDWS = Secondary Drinking Water Standard (62-550 F.A.C.).
 3. GCTL = Groundwater Clean-up Target Level (62-777 F.A.C.).
 4. THMs = Trihalomethanes
 5. NS = No numeric standard has been set for this analyte.
 6. --- = Parameter not analyzed.
 7. mg/l: milligrams per liter.
 8. ug/l: micrograms per liter.
 9. NTU: nephelometric turbidity units.
 10. Yellow Shaded values indicate parameter concentrations exceeded primary, secondary Drinking Water Standards or groundwater cleanup target levels.
 11. I = Analyte detected below quantitation limits.
 12. U = Analyte concentration was below the laboratory detection limit (value shown).
 13. J3 = Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

**Table 2. Twelve Month Summary of Leachate Effluent Monthly Analytical Results
Citrus County Central Landfill**

Parameter	Standard	MCL	Units												
				10/11/2011	11/1/2011	12/15/2011	1/4/2012	2/1/2012	3/27/2012	4/3/2012	5/2/2012	6/13/2012	7/3/2012	8/9/2012	9/6/2012
CBOD	Permit	20	mg/L	1.66	2.33	2.43	1.75	2.38	8.70	1.36	1.65	1.45	2.33	2.66	1.64
TSS	Permit	20	mg/L	2.00	3.00	5.50	5.00	7.50	3.50	<1.0	1.00	4.00	15.00	2.50	1.00
Nitrate	Permit	10	mg/L	1.39	0.59	3.01	7.48	5.02	2.62	3.96	5.73	0.68	1.52	1.18	0.19

Notes

1. mg/l: milligrams per liter.
2. ug/l: micrograms per liter.
3. Yellow Shaded values indicate parameter concentrations exceeded Permit MCL levels.
4. I = Analyte detected below quantitation limits.
5. U = Analyte concentration was below the laboratory detection limit (value shown).

**Table 3. 2010, 2011, and 2012 Summary of Monitoring Well MW-6
for Arsenic, Sodium, Chloride, and TDS Citrus County Central Landfill**

Parameter	Standard	MCL	Units	MW-6					
				1/26/2010	7/27/2010	1/19/2011	7/20/2011	1/19/2012	7/18/2012
Arsenic	PDWS	10	mg/L	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Sodium	PDWS	160	mg/L	120	100	100	90	110	120 J
Chloride	SDWS	250	mg/L	220	220	220	13	250 J	240
TDS	SDWS	500	mg/L	400	400	380	370	350	420

Notes

1. PDWS = Primary Drinking Water Standard (62-550 F.A.C.).
2. SDWS = Secondary Drinking Water Standard (62-550 F.A.C.).
3. mg/l: milligrams per liter.
4. ug/l: micrograms per liter.
5. Yellow Shaded values indicate parameter concentrations exceeded primary or secondary Drinking Water Standards.
6. **I** = Analyte detected below quantitation limits.
7. **U** = Analyte concentration was below the laboratory detection limit (value shown).
8. **J** = Estimated value; value may not be accurate.

**Table 4. Summary of Leachate Influent Quality Analytical Results
Citrus County Central Landfill**

Parameter	MCL	Units	Phase 2 Influent	Phase 3 Influent	Master Lift Influent
Volatile Organics					
Acetone	NS	ug/L	14 I	590	10 I
Benzene	500	ug/L	3.9	3.1	4.2
Carbon Disulfide	NS	ug/L	1.0 U	2.5	1.0 U
Chlorobenzene	100000	ug/L	1.1	0.63 U	0.63 U
Chloroethane	NS	ug/L	2.5 U	3.1 I	2.5 U
Cis-1,2-Dichloroethene	NS	ug/L	2.1	0.65 U	2.7
2-Butanone (MEK)	200000	ug/L	28	1100	8.4 U
4-Methyl-2-Pentanone (MIBK)	NS		3.8 U	11	3.8 U
Ethylbenzene	NS	ug/L	33	12	76
Toluene	NS	ug/L	29	63	27
Vinyl chloride	200	ug/L	2.2	0.50 U	0.56 I
Xylenes, Total	NS	ug/L	40	11	79
General Field Parameters					
Conductivity	NS	umhos/cm	2820	2742	9819
Dissolved Oxygen	NS	mg/L	0.83	5.27	0.79
pH	NS	pH Units	6.62	6.6	7.06
Oxygen Reduction Potential	NS	mV	-295	-292	-209
Temperature, Water	NS	deg C	29	28.6	37
Turbidity	NS	NTU	48.3	31.2	6.48

Notes

1. NS = No numeric standard has been set for this analyte.
2. MCL = 40 Code of Federal Regulations (CFR) Part 261.24.
3. --- = Parameter not analyzed.
4. ug/l: micrograms per liter.
5. Yellow Shaded values indicate parameter concentrations exceeded 40 CFR Part 261.24.
6. I = Analyte detected below quantitation limits.
7. U = Analyte concentration was below the laboratory detection limit (value shown).
8. J3 = Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

**Table 5. Summary of Composite Leachate Influent
Quality Analytical Results, Citrus County Central Landfill**

Parameter	MCL	Units	Composite
			Leachate Influent
Organics			
Acetophenone	NS	ug/L	2.8 I
1,4 Dichlorobenzene	7500	ug/L	3.1 I
Diethyl phthalate	NS	ug/L	3.5 I
2,4-Dimethylphenol	NS	ug/L	2.0 I
2,6-Dinitrotoluene	NS	ug/L	3.5 I
Phenol	NS	ug/L	21
3&4 - Methylphenol	200000	ug/L	260
Metals			
Antimony	NS	mg/L	0.003 I
Arsenic	5	mg/L	0.073
Barium	100	mg/L	0.088
Chromium	5	mg/L	0.0094
Cobalt	NS	mg/L	0.0081
Iron	NS	mg/L	6.4
Nickel	NS	mg/L	0.038
Vanadium	NS	mg/L	0.011
Zinc	NS	mg/L	0.017 I
General Chemistry			
Ammonia, Total	NS	mg/L	150 J3
Total Alkalinity as CaCO ₃	NS	mg/L	1300
Biochemical Oxygen Demand	NS	mg/L	130
Chemical Oxygen Demand	NS	mg/L	580
Chloride	NS	mg/L	560
Cyanide, Total	NS	mg/L	0.0091 I
Nitrate as N	NS	mg/L	0.18 I
Sodium	NS	mg/L	420
Sulfide	NS	mg/L	3.2
TDS	NS	mg/L	1900

Notes

1. NS = No numeric standard has been set for this analyte.
2. MCL = 40 Code of Federal Regulations (CFR) Part 261.24.
3. mg/L = milligrams per liter.
4. ug/l: micrograms per liter.
5. Yellow Shaded values indicate parameter concentrations exceeded 40 CFR Part 261.24.
6. I = Analyte detected below quantitation limits.
7. U = Analyte concentration was below the laboratory detection limit (value shown).
8. J3 = Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
9. L = Off-scale high. Actual value is known to be greater than the value given.

Table 6. Summary of Leachate Sludge

Quality Analytical Results, Citrus County Central Landfill

Parameter	MCL	Units	Leachate
			Sludge
Barium	100	mg/L	0.078 I
pH	NS	pH Units	7.02

Notes

1. NS = No numeric standard has been set for this analyte.
2. MCL = 40 Code of Federal Regulations (CFR) Part 261.24.
3. mg/L = milligrams per liter.
4. Yellow Shaded values indicate parameter concentrations exceeded 40 CFR Part 261.24.
5. **V** = Analyte was detected in the method blank.
6. **I** = Analyte detected below quantitation limits.

ATTACHMENT 4

COMPACT DISK CONTAINING
REPORT IN PDF FORMAT AND
ADaPT FILES