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SCS ENGINEERS

October 5, 2010
File No. 09208040.04

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 2010
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 Specifc 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 5, Attachment 3.

The leachate sludge samples for the TCLP of EPA Method 8270 had several compounds outside of acceptable recoveries for the laboratory control sample (LCS). The sample was reanalyzed outside of hold and the LCS data was within acceptable recoveries and the sample results did not change. In order to confirm the results the sludge sample was recollected on September 9, 2010, the results confirmed the original analysis.

Due to detections of trihalomethanes (THMs) and arsenic outside the range of historic data in the effluent sample, a resample event was conducted on September 9, 2010, in order to verify the concentrations (resample data indicate that the concentrations were less than the original results; however, the data was above the permit required MCL). In email correspondence dated September 24, 2010, between Susan Peltz (FDEP) and Casey Stephens (County) it was proposed that one additional sample be collected in October to confirm these results. These results will be reported under a separate cover letter.

With the exception of THMs, 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, sodium, chloride, and TDS are not required to meet the groundwater standards and minimum criteria at the discharge point; however they must comply at the edge of the zone of discharge along the western boundary.

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 2010 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 27, 2010, and September 9, 2010, to collect leachate samples following the FDEP Standard Operating Procedures (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 are 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 2010 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
Senior Project Professional
SCS ENGINEERS

Charles E. Hilton
10/5/2010

C. Ed Hilton, P.E.
Vice President
SCS ENGINEERS

CHARLES E. HILTON JR. LICENCE NO. 46016 STATE OF FLORIDA PROFESSIONAL ENGINEER

KEG/CEH:keg

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

Attachments

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(31), F.A.C.
Form Title: Water Quality Monitoring Certification
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(9), F.A.C.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
OCT 05 2010
SOUTHWEST DISTRICT
TAMPA

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name Citrus County Central Landfill

Address PO Box 340

City Lecanto Zip 34460 County Citrus

Telephone Number (352)527-7670

(2) WACS Facility ID 39859

(3) DEP Permit Number 21375-008-SO/01

(4) Authorized Representative's Name Casey Stephens Title Director of Solid Waste

Address PO Box 340

City Lecanto Zip 34460 County Citrus

Telephone Number (352)527-7670

Email address (if available) Casey.Stephens@bocc.citrus.fl.us

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 submission of false information including the possibility of fine and imprisonment.

10/1/10
(Date)

(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization TestAmerica Laboratories, Inc.

Analytical Lab NELAC / HRS Certification # NELAP Certification E84282 and E81005

Lab Name TestAmerica Laboratories, Inc.

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

Phone Number (813)885-7427

Email address (if available) nancy.robertson@testamericainc.com

ATTACHMENT 1

LABORATORY ANALYTICAL RESULTS AND FIELD FORMS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 660-36449-1

Job Description: Citrus County Leachate Effluent

For:
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Attention: Mr. Ken Guilbeault

Approved for release.
Nancy Robertson
Project Manager II
8/20/2010 3:05 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
08/20/2010

Methods: FDEP, DOH Certification #: E84282, E81005 These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

Job Narrative
660-36449-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria. The LCS associated with batch 98077 had Chloroethane outside control limits bias high. The samples were non detect for this compound. Data is flagged with J3.

Method 8260B: The matrix spike (MS) recoveries for batch 98077 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. Data is flagged with J3.

No other analytical or quality issues were noted.

GC Semi VOA
Method 8011: Surrogate recovery for Leachate Effluent was outside control limits bis high. The sample was non detect and is flagged with J1.

No other analytical or quality issues were noted.

Metals
Method 6020A: The matrix spike/matrix spike duplicate (MS/MAD) recoveries for batch 176280 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. Data is flagged with J3.

No analytical or quality issues were noted.

General Chemistry
Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 98029 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. Data is flagged with J3.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: SCS Engineers

Job Number: 660-36449-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-36449-1	**LEACHATE EFFLUENT**					
Acetone		40		20	ug/L	8260B
Bromoform		190		20	ug/L	8260B
Carbon tetrachloride		1.2		1.0	ug/L	8260B
Chlorobromomethane		5.7		1.0	ug/L	8260B
Chlorodibromomethane		670		20	ug/L	8260B
Chloroform		900		20	ug/L	8260B
Chloromethane		2.4	I	4.0	ug/L	8260B
Dibromomethane		5.8		1.0	ug/L	8260B
Dichlorobromomethane		870		20	ug/L	8260B
Field pH		7.37			SU	Field Sampling
Oxidation Reduction Potential		350.7			millivolts	Field Sampling
Oxygen, Dissolved		1.22			mg/L	Field Sampling
Sheen		None			SU	Field Sampling
Specific Conductance		4617			umhos/cm	Field Sampling
Temperature		28.5			Degrees C	Field Sampling
Turbidity		3.40			NTU	Field Sampling
Chloride		1300		50	mg/L	300.0
Ammonia (as N)		0.090		0.020	mg/L	350.1
Total Dissolved Solids		1500		25	mg/L	SM 2540C
Total Recoverable						
Antimony		3.1	I	5.0	ug/L	6020A
Arsenic		25		2.5	ug/L	6020A
Barium		81		5.0	ug/L	6020A
Cobalt		19		0.50	ug/L	6020A
Chromium		6.6		5.0	ug/L	6020A
Sodium		830		1.0	mg/L	6020A
Copper		24		5.0	ug/L	6020A
Lead		3.1		1.5	ug/L	6020A
Nickel		71		5.0	ug/L	6020A
Iron		58	I	100	ug/L	6020A
Zinc		31		20	ug/L	6020A
660-36449-2EB	**EQUIPMENT BLANK**					
Total Recoverable						
Zinc		18	I	20	ug/L	6020A

METHOD SUMMARY

Client: SCS Engineers

Job Number: 660-36449-1

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

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAM = TestAmerica Tampa

Method References:

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

EPA = US Environmental Protection Agency

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

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

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

METHOD / ANALYST SUMMARY

Client: SCS Engineers

Job Number: 660-36449-1

Method	Analyst	Analyst ID
SW846 8260B	Harris, Chris	CH
SW846 8260B	Perrin, Todd	TP
EPA 8011	Ballard, James	JB
SW846 6020A	Robertson, Bryn	BR
SW846 7470A	Eaton, Cliff	CE
EPA Field Sampling	Sampler, Field	FS
40CFR136A 300.0	Sengsouvanna, Dom	DS
MCAWW 350.1	Steward, Tiffany	TS
SM SM 2540C	Oonnoonny, Thomas	TO

SAMPLE SUMMARY

Client: SCS Engineers

Job Number: 660-36449-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-36449-1	Leachate Effluent	Water	07/27/2010 0930	07/27/2010 1720
660-36449-2EB	Equipment Blank	Water	07/27/2010 0915	07/27/2010 1720
660-36449-3TB	Trip Blank	Water	07/27/2010 0000	07/27/2010 1720

Mr. Ken Guilbeault
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Job Number: 660-36449-1
Lab Sample Id: 660-36449-1
Client Matrix: Water
Date Sampled: 07/27/2010 0930
Date Received: 07/27/2010 1720

Client Sample ID: Leachate Effluent

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Acetone	40		ug/L	9.9	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Acrylonitrile	1.2	U	ug/L	1.2	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Benzene	0.50	U	ug/L	0.50	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Bromoform - DL	190		ug/L	12	8260B	08/02/2010 2006	08/02/2010 2006	20
Bromomethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1852	07/30/2010 1852	1.0
2-Butanone (MEK)	8.4	U	ug/L	8.4	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Carbon disulfide	0.85	U	ug/L	0.85	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Carbon tetrachloride	1.2		ug/L	0.42	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Chlorobenzene	0.63	U	ug/L	0.63	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Chlorobromomethane	5.7		ug/L	0.58	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Chlorodibromomethane - DL	670		ug/L	6.8	8260B	08/02/2010 2006	08/02/2010 2006	20
Chloroethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Chloroform - DL	900		ug/L	18	8260B	08/02/2010 2006	08/02/2010 2006	20
Chloromethane	2.4	I	ug/L	1.0	8260B	07/30/2010 1852	07/30/2010 1852	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	8260B	07/30/2010 1852	07/30/2010 1852	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Dibromomethane	5.8		ug/L	0.41	8260B	07/30/2010 1852	07/30/2010 1852	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	8260B	07/30/2010 1852	07/30/2010 1852	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Dichlorobromomethane - DL	870		ug/L	7.0	8260B	08/02/2010 2006	08/02/2010 2006	20
1,1-Dichloroethane	0.52	U	ug/L	0.52	8260B	07/30/2010 1852	07/30/2010 1852	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	8260B	07/30/2010 1852	07/30/2010 1852	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	8260B	07/30/2010 1852	07/30/2010 1852	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Ethylbenzene	0.44	U	ug/L	0.44	8260B	07/30/2010 1852	07/30/2010 1852	1.0
2-Hexanone	4.4	U	ug/L	4.4	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Iodomethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Methylene Chloride	4.0	U	ug/L	4.0	8260B	07/30/2010 1852	07/30/2010 1852	1.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Styrene	0.98	U	ug/L	0.98	8260B	07/30/2010 1852	07/30/2010 1852	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	8260B	07/30/2010 1852	07/30/2010 1852	1.0

Mr. Ken Guilbeault
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Job Number: 660-36449-1
Lab Sample Id: 660-36449-1
Client Matrix: Water
Date Sampled: 07/27/2010 0930
Date Received: 07/27/2010 1720

Client Sample ID: Leachate Effluent

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Toluene	0.51	U	ug/L	0.51	8260B	07/30/2010 1852	07/30/2010 1852	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	8260B	07/30/2010 1852	07/30/2010 1852	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	8260B	07/30/2010 1852	07/30/2010 1852	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	07/30/2010 1852	07/30/2010 1852	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	8260B	07/30/2010 1852	07/30/2010 1852	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Trichloroethene	0.50	U	ug/L	0.50	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1852	07/30/2010 1852	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Vinyl acetate	1.5	U	ug/L	1.5	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Vinyl chloride	0.50	U	ug/L	0.50	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Xylenes, Total	0.50	U	ug/L	0.50	8260B	07/30/2010 1852	07/30/2010 1852	1.0
Surrogate						Acceptance Limits		
4-Bromofluorobenzene - DL	100		%		8260B	70 - 130		
4-Bromofluorobenzene	96		%		8260B	70 - 130		
Dibromofluoromethane - DL	101		%		8260B	70 - 130		
Dibromofluoromethane	96		%		8260B	70 - 130		
Toluene-d8 (Surr) - DL	101		%		8260B	70 - 130		
Toluene-d8 (Surr)	98		%		8260B	70 - 130		
GC SEMI VOA								
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	8011	08/03/2010 1606	08/04/2010 0021	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	8011	08/03/2010 1606	08/04/2010 0021	1.0
Surrogate						Acceptance Limits		
1,1,1,2-Tetrachloroethane	177	J1	%		8011	60 - 140		
METALS								

Mr. Ken Guilbeault
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Job Number: 660-36449-1
Lab Sample Id: 660-36449-1
Client Matrix: Water
Date Sampled: 07/27/2010 0930
Date Received: 07/27/2010 1720

Client Sample ID: Leachate Effluent

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS								
Antimony	3.1	I	ug/L	2.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Arsenic	25		ug/L	1.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Barium	81		ug/L	1.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Beryllium	0.25	U	ug/L	0.25	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Cadmium	0.095	U	ug/L	0.095	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Cobalt	19		ug/L	0.15	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Chromium	6.6		ug/L	2.5	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Sodium	830		mg/L	0.50	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1333	2.0
Copper	24		ug/L	1.1	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Lead	3.1		ug/L	0.20	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Nickel	71		ug/L	2.0	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Selenium	1.0	U	ug/L	1.0	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Silver	0.25	U	ug/L	0.25	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Iron	58	I	ug/L	33	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Vanadium	3.8	U	ug/L	3.8	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Zinc	31		ug/L	8.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0
Thallium	0.50	U	ug/L	0.50	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1204	1.0

Mr. Ken Guilbeault
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Job Number: 660-36449-1
Lab Sample Id: 660-36449-1
Client Matrix: Water
Date Sampled: 07/27/2010 0930
Date Received: 07/27/2010 1720

Client Sample ID: Leachate Effluent

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS								
Mercury	0.091	U	ug/L	0.091	7470A	07/30/2010 0833	08/03/2010 1534	1.0
FIELD SERVICE / MOBILE LAB								
Field pH	7.37		SU		Field Sampling		07/27/2010 0930	1.0
Oxidation Reduction Potential	350.7		millivolts		Field Sampling		07/27/2010 0930	1.0
Oxygen, Dissolved	1.22		mg/L		Field Sampling		07/27/2010 0930	1.0
Sheen	None		SU		Field Sampling		07/27/2010 0930	1.0
Specific Conductance	4617		umhos/cm		Field Sampling		07/27/2010 0930	1.0
Temperature	28.5		Degrees C		Field Sampling		07/27/2010 0930	1.0
Turbidity	3.40		NTU		Field Sampling		07/27/2010 0930	1.0
GENERAL CHEMISTRY								
Chloride	1300		mg/L	20	300.0		08/10/2010 1231	100
Ammonia (as N)	0.090		mg/L	0.010	350.1		08/02/2010 1126	1.0
Total Dissolved Solids	1500		mg/L	25	SM 2540C		07/29/2010 1444	1.0

Mr. Ken Guilbeault
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Job Number: 660-36449-1
Lab Sample Id: 660-36449-2
Client Matrix: Water
Date Sampled: 07/27/2010 0915
Date Received: 07/27/2010 1720

Client Sample ID: Equipment Blank

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Acetone	9.9	U	ug/L	9.9	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Acrylonitrile	1.2	U	ug/L	1.2	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Benzene	0.50	U	ug/L	0.50	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Bromoform	0.58	U	ug/L	0.58	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Bromomethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1830	07/30/2010 1830	1.0
2-Butanone (MEK)	8.4	U	ug/L	8.4	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Carbon disulfide	0.85	U	ug/L	0.85	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Chlorobenzene	0.63	U	ug/L	0.63	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Chlorobromomethane	0.58	U	ug/L	0.58	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Chloroethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Chloroform	0.90	U	ug/L	0.90	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Chloromethane	1.0	U	ug/L	1.0	8260B	07/30/2010 1830	07/30/2010 1830	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	8260B	07/30/2010 1830	07/30/2010 1830	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Dibromomethane	0.41	U	ug/L	0.41	8260B	07/30/2010 1830	07/30/2010 1830	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	8260B	07/30/2010 1830	07/30/2010 1830	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Dichlorobromomethane	0.35	U	ug/L	0.35	8260B	07/30/2010 1830	07/30/2010 1830	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	8260B	07/30/2010 1830	07/30/2010 1830	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	8260B	07/30/2010 1830	07/30/2010 1830	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	8260B	07/30/2010 1830	07/30/2010 1830	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Ethylbenzene	0.44	U	ug/L	0.44	8260B	07/30/2010 1830	07/30/2010 1830	1.0
2-Hexanone	4.4	U	ug/L	4.4	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Iodomethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Methylene Chloride	4.0	U	ug/L	4.0	8260B	07/30/2010 1830	07/30/2010 1830	1.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Styrene	0.98	U	ug/L	0.98	8260B	07/30/2010 1830	07/30/2010 1830	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	8260B	07/30/2010 1830	07/30/2010 1830	1.0

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Job Number: 660-36449-1
Lab Sample Id: 660-36449-2
Client Matrix: Water
Date Sampled: 07/27/2010 0915
Date Received: 07/27/2010 1720

Client Sample ID: Equipment Blank

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Toluene	0.51	U	ug/L	0.51	8260B	07/30/2010 1830	07/30/2010 1830	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	8260B	07/30/2010 1830	07/30/2010 1830	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	8260B	07/30/2010 1830	07/30/2010 1830	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	07/30/2010 1830	07/30/2010 1830	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	8260B	07/30/2010 1830	07/30/2010 1830	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Trichloroethene	0.50	U	ug/L	0.50	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1830	07/30/2010 1830	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Vinyl acetate	1.5	U	ug/L	1.5	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Vinyl chloride	0.50	U	ug/L	0.50	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Xylenes, Total	0.50	U	ug/L	0.50	8260B	07/30/2010 1830	07/30/2010 1830	1.0
Surrogate						Acceptance Limits		
4-Bromofluorobenzene	98		%		8260B	70 - 130		
Dibromofluoromethane	92		%		8260B	70 - 130		
Toluene-d8 (Surr)	99		%		8260B	70 - 130		
GC SEMI VOA								
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	8011	08/03/2010 1606	08/04/2010 0041	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	8011	08/03/2010 1606	08/04/2010 0041	1.0
Surrogate						Acceptance Limits		
1,1,1,2-Tetrachloroethane	110		%		8011	60 - 140		
METALS								
Antimony	2.3	U	ug/L	2.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Arsenic	1.3	U	ug/L	1.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0

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Job Number: 660-36449-1
Lab Sample Id: 660-36449-2
Client Matrix: Water
Date Sampled: 07/27/2010 0915
Date Received: 07/27/2010 1720

Client Sample ID: Equipment Blank

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS								
Barium	1.3	U	ug/L	1.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Beryllium	0.25	U	ug/L	0.25	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Cadmium	0.095	U	ug/L	0.095	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Cobalt	0.15	U	ug/L	0.15	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Chromium	2.5	U	ug/L	2.5	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Sodium	0.25	U	mg/L	0.25	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Copper	1.1	U	ug/L	1.1	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Lead	0.20	U	ug/L	0.20	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Nickel	2.0	U	ug/L	2.0	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Selenium	1.0	U	ug/L	1.0	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Silver	0.25	U	ug/L	0.25	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Iron	33	U	ug/L	33	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Vanadium	3.8	U	ug/L	3.8	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Zinc	18	I	ug/L	8.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Thallium	0.50	U	ug/L	0.50	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1211	1.0
Mercury	0.091	U	ug/L	0.091	7470A	07/30/2010 0833	08/03/2010 1537	1.0
GENERAL CHEMISTRY								

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Job Number: 660-36449-1
Lab Sample Id: 660-36449-2
Client Matrix: Water
Date Sampled: 07/27/2010 0915
Date Received: 07/27/2010 1720

Client Sample ID: Equipment Blank

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GENERAL CHEMISTRY								
Chloride	0.20	U	mg/L	0.20	300.0		08/10/2010 0424	1.0
Ammonia (as N)	0.010	U	mg/L	0.010	350.1		08/02/2010 1127	1.0
Total Dissolved Solids	5.0	U	mg/L	5.0	SM 2540C		07/29/2010 1444	1.0

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Job Number: 660-36449-1
Lab Sample Id: 660-36449-3
Client Matrix: Water
Date Sampled: 07/27/2010 0000
Date Received: 07/27/2010 1720

Client Sample ID: Trip Blank

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Acetone	9.9	U	ug/L	9.9	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Acrylonitrile	1.2	U	ug/L	1.2	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Benzene	0.50	U	ug/L	0.50	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Bromoform	0.58	U	ug/L	0.58	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Bromomethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1808	07/30/2010 1808	1.0
2-Butanone (MEK)	8.4	U	ug/L	8.4	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Carbon disulfide	0.85	U	ug/L	0.85	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Chlorobenzene	0.63	U	ug/L	0.63	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Chlorobromomethane	0.58	U	ug/L	0.58	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Chloroethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Chloroform	0.90	U	ug/L	0.90	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Chloromethane	1.0	U	ug/L	1.0	8260B	07/30/2010 1808	07/30/2010 1808	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	8260B	07/30/2010 1808	07/30/2010 1808	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Dibromomethane	0.41	U	ug/L	0.41	8260B	07/30/2010 1808	07/30/2010 1808	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	8260B	07/30/2010 1808	07/30/2010 1808	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Dichlorobromomethane	0.35	U	ug/L	0.35	8260B	07/30/2010 1808	07/30/2010 1808	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	8260B	07/30/2010 1808	07/30/2010 1808	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	8260B	07/30/2010 1808	07/30/2010 1808	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	8260B	07/30/2010 1808	07/30/2010 1808	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Ethylbenzene	0.44	U	ug/L	0.44	8260B	07/30/2010 1808	07/30/2010 1808	1.0
2-Hexanone	4.4	U	ug/L	4.4	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Iodomethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Methylene Chloride	4.0	U	ug/L	4.0	8260B	07/30/2010 1808	07/30/2010 1808	1.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Styrene	0.98	U	ug/L	0.98	8260B	07/30/2010 1808	07/30/2010 1808	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	8260B	07/30/2010 1808	07/30/2010 1808	1.0

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Job Number: 660-36449-1
Lab Sample Id: 660-36449-3
Client Matrix: Water
Date Sampled: 07/27/2010 0000
Date Received: 07/27/2010 1720

Client Sample ID: Trip Blank

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Toluene	0.51	U	ug/L	0.51	8260B	07/30/2010 1808	07/30/2010 1808	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	8260B	07/30/2010 1808	07/30/2010 1808	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	8260B	07/30/2010 1808	07/30/2010 1808	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	07/30/2010 1808	07/30/2010 1808	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	8260B	07/30/2010 1808	07/30/2010 1808	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Trichloroethene	0.50	U	ug/L	0.50	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	8260B	07/30/2010 1808	07/30/2010 1808	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Vinyl acetate	1.5	U	ug/L	1.5	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Vinyl chloride	0.50	U	ug/L	0.50	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Xylenes, Total	0.50	U	ug/L	0.50	8260B	07/30/2010 1808	07/30/2010 1808	1.0
Surrogate						Acceptance Limits		
4-Bromofluorobenzene	93		%		8260B	70 - 130		
Dibromofluoromethane	96		%		8260B	70 - 130		
Toluene-d8 (Surr)	99		%		8260B	70 - 130		

DATA REPORTING QUALIFIERS

Client: SCS Engineers

Job Number: 660-36449-1

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

Client: SCS Engineers

Job Number: 660-36449-1

Method Blank - Batch: 660-97975

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-97975/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1214
Date Prepared: 07/30/2010 1214

Analysis Batch: 660-97975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG3007.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: SCS Engineers

Job Number: 660-36449-1

Method Blank - Batch: 660-97975

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-97975/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1214
Date Prepared: 07/30/2010 1214

Analysis Batch: 660-97975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG3007.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	70 - 130
Dibromofluoromethane	95	70 - 130
Toluene-d8 (Surr)	99	70 - 130

Client: SCS Engineers

Job Number: 660-36449-1

Lab Control Sample - Batch: 660-97975

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-97975/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1107
Date Prepared: 07/30/2010 1107

Analysis Batch: 660-97975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG3004.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	40.6	101	62 - 142	
Acrylonitrile	40.0	38.5	96	59 - 146	
Benzene	20.0	16.5	83	68 - 134	
Bromoform	20.0	15.9	79	65 - 130	
Bromomethane	20.0	18.2	91	22 - 150	
2-Butanone (MEK)	40.0	42.9	107	63 - 140	
Carbon disulfide	40.0	34.9	87	30 - 150	
Carbon tetrachloride	20.0	14.4	72	61 - 134	
Chlorobenzene	20.0	17.5	88	70 - 130	
Chlorobromomethane	20.0	15.9	79	65 - 130	
Chlorodibromomethane	20.0	16.5	82	70 - 130	
Chloroethane	20.0	23.9	119	39 - 150	
Chloroform	20.0	16.3	81	68 - 130	
Chloromethane	20.0	20.9	104	35 - 150	
cis-1,2-Dichloroethene	20.0	16.6	83	66 - 130	
cis-1,3-Dichloropropene	20.0	16.5	82	70 - 130	
Dibromomethane	20.0	17.6	88	70 - 130	
1,2-Dichlorobenzene	20.0	18.2	91	70 - 130	
1,4-Dichlorobenzene	20.0	17.5	87	70 - 130	
Dichlorobromomethane	20.0	18.3	92	70 - 130	
1,1-Dichloroethane	20.0	15.0	75	66 - 130	
1,2-Dichloroethane	20.0	17.5	87	70 - 130	
1,1-Dichloroethene	20.0	13.5	68	51 - 150	
1,2-Dichloropropane	20.0	18.0	90	70 - 130	
Ethylbenzene	20.0	17.8	89	70 - 130	
2-Hexanone	40.0	39.7	99	60 - 148	
Iodomethane	40.0	35.2	88	70 - 130	
Methylene Chloride	20.0	14.3	72	57 - 130	
4-Methyl-2-pentanone (MIBK)	40.0	38.6	96	64 - 137	
Styrene	20.0	18.3	91	68 - 131	
1,1,1,2-Tetrachloroethane	20.0	16.7	84	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	70 - 130	
Tetrachloroethene	20.0	17.3	87	50 - 143	
Toluene	20.0	17.0	85	70 - 131	
trans-1,4-Dichloro-2-butene	40.0	37.4	93	70 - 130	
trans-1,2-Dichloroethene	20.0	15.6	78	62 - 139	
trans-1,3-Dichloropropene	20.0	16.5	82	67 - 130	
1,1,1-Trichloroethane	20.0	16.6	83	63 - 132	
1,1,2-Trichloroethane	20.0	17.3	86	70 - 130	
Trichloroethene	20.0	19.4	97	63 - 139	
Trichlorofluoromethane	20.0	20.4	102	62 - 146	
1,2,3-Trichloropropane	20.0	18.1	91	66 - 130	
Vinyl acetate	20.0	15.8	79	31 - 146	

Client: SCS Engineers

Job Number: 660-36449-1

Lab Control Sample - Batch: 660-97975

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-97975/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1107
Date Prepared: 07/30/2010 1107

Analysis Batch: 660-97975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG3004.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Vinyl chloride	20.0	20.3	101	48 - 147	
Xylenes, Total	60.0	55.0	92	68 - 130	

Client: SCS Engineers

Job Number: 660-36449-1

Matrix Spike - Batch: 660-97975

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36472-A-4 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1445
Date Prepared: 07/30/2010 1445

Analysis Batch: 660-97975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG3013.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	40.0	27.6	69	62 - 142	
Acrylonitrile	1.2	U	40.0	34.2	85	59 - 146	
Benzene	0.50	U	20.0	17.7	89	68 - 134	
Bromoform	0.58	U	20.0	14.5	72	65 - 130	
Bromomethane	2.5	U	20.0	14.8	74	22 - 150	
2-Butanone (MEK)	8.4	U	40.0	31.2	78	63 - 140	
Carbon disulfide	0.85	U	40.0	37.3	93	30 - 150	
Carbon tetrachloride	0.42	U	20.0	16.3	81	61 - 134	
Chlorobenzene	0.63	U	20.0	17.3	87	70 - 130	
Chlorobromomethane	0.58	U	20.0	16.5	82	65 - 130	
Chlorodibromomethane	0.34	U	20.0	15.8	79	70 - 130	
Chloroethane	2.5	U	20.0	25.5	128	39 - 150	
Chloroform	0.90	U	20.0	17.6	88	68 - 130	
Chloromethane	1.0	U	20.0	21.3	106	35 - 150	
cis-1,2-Dichloroethene	0.65	U	20.0	17.7	88	66 - 130	
cis-1,3-Dichloropropene	0.14	U	20.0	16.8	84	70 - 130	
Dibromomethane	0.41	U	20.0	17.7	88	70 - 130	
1,2-Dichlorobenzene	0.44	U	20.0	17.6	88	70 - 130	
1,4-Dichlorobenzene	0.52	U	20.0	16.6	83	70 - 130	
Dichlorobromomethane	0.35	U	20.0	18.2	91	70 - 130	
1,1-Dichloroethane	0.52	U	20.0	17.3	87	66 - 130	
1,2-Dichloroethane	0.57	U	20.0	17.9	90	70 - 130	
1,1-Dichloroethene	0.45	U	20.0	15.4	77	51 - 150	
1,2-Dichloropropane	0.52	U	20.0	18.1	90	70 - 130	
Ethylbenzene	0.44	U	20.0	18.1	91	70 - 130	
2-Hexanone	4.4	U	40.0	31.1	78	60 - 148	
Iodomethane	2.5	U	40.0	35.5	89	70 - 130	
Methylene Chloride	4.0	U	20.0	14.1	70	57 - 130	
4-Methyl-2-pentanone (MIBK)	3.8	U	40.0	35.4	89	64 - 137	
Styrene	0.98	U	20.0	17.5	88	68 - 131	
1,1,1,2-Tetrachloroethane	0.63	U	20.0	16.6	83	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	20.0	16.4	82	70 - 130	
Tetrachloroethene	0.50	U	20.0	17.8	89	50 - 143	
Toluene	0.51	U	20.0	17.8	89	70 - 131	
trans-1,4-Dichloro-2-butene	2.5	U	40.0	32.2	81	70 - 130	
trans-1,2-Dichloroethene	0.44	U	20.0	16.9	85	62 - 139	
trans-1,3-Dichloropropene	0.14	U	20.0	16.1	81	67 - 130	
1,1,1-Trichloroethane	0.46	U	20.0	18.4	92	63 - 132	

Client: SCS Engineers

Job Number: 660-36449-1

Matrix Spike - Batch: 660-97975

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36472-A-4 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1445
Date Prepared: 07/30/2010 1445

Analysis Batch: 660-97975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG3013.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	0.47	U	20.0	17.7	88	70 - 130	
Trichloroethene	0.50	U	20.0	20.5	102	63 - 139	
Trichlorofluoromethane	2.5	U	20.0	22.4	112	62 - 146	
1,2,3-Trichloropropane	0.18	U	20.0	17.8	89	66 - 130	
Vinyl acetate	1.5	U	20.0	14.8	74	31 - 146	
Vinyl chloride	0.50	U	20.0	20.8	104	48 - 147	
Xylenes, Total	0.50	U	60.0	53.6	89	68 - 130	

Client: SCS Engineers

Job Number: 660-36449-1

Duplicate - Batch: 660-97975

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36472-C-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1324
Date Prepared: 07/30/2010 1324

Analysis Batch: 660-97975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG3010.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: SCS Engineers

Job Number: 660-36449-1

Duplicate - Batch: 660-97975

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36472-C-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1324
Date Prepared: 07/30/2010 1324

Analysis Batch: 660-97975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG3010.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	70 - 130
Dibromofluoromethane	95	70 - 130
Toluene-d8 (Surr)	97	70 - 130

Client: SCS Engineers

Job Number: 660-36449-1

Method Blank - Batch: 660-98077

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-98077/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1120
Date Prepared: 08/02/2010 1120

Analysis Batch: 660-98077
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME5973
Lab File ID: 1EH0207.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: SCS Engineers

Job Number: 660-36449-1

Method Blank - Batch: 660-98077

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-98077/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1120
Date Prepared: 08/02/2010 1120

Analysis Batch: 660-98077
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME5973
Lab File ID: 1EH0207.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

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

Client: SCS Engineers

Job Number: 660-36449-1

Lab Control Sample - Batch: 660-98077

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-98077/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1007
Date Prepared: 08/02/2010 1007

Analysis Batch: 660-98077
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME5973
Lab File ID: 1EH0204.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	37.8	94	62 - 142	
Acrylonitrile	40.0	40.7	102	59 - 146	
Benzene	20.0	21.5	107	68 - 134	
Bromoform	20.0	19.4	97	65 - 130	
Bromomethane	20.0	19.4	97	22 - 150	
2-Butanone (MEK)	40.0	38.7	97	63 - 140	
Carbon disulfide	40.0	46.9	117	30 - 150	
Carbon tetrachloride	20.0	21.6	108	61 - 134	
Chlorobenzene	20.0	20.8	104	70 - 130	
Chlorobromomethane	20.0	22.0	110	65 - 130	
Chlorodibromomethane	20.0	21.0	105	70 - 130	
Chloroethane	20.0	42.2	211	39 - 150	J3
Chloroform	20.0	21.0	105	68 - 130	
Chloromethane	20.0	18.5	92	35 - 150	
cis-1,2-Dichloroethene	20.0	21.7	109	66 - 130	
cis-1,3-Dichloropropene	20.0	21.4	107	70 - 130	
Dibromomethane	20.0	20.1	100	70 - 130	
1,2-Dichlorobenzene	20.0	21.0	105	70 - 130	
1,4-Dichlorobenzene	20.0	20.6	103	70 - 130	
Dichlorobromomethane	20.0	21.0	105	70 - 130	
1,1-Dichloroethane	20.0	21.2	106	66 - 130	
1,2-Dichloroethane	20.0	21.1	105	70 - 130	
1,1-Dichloroethene	20.0	21.0	105	51 - 150	
1,2-Dichloropropane	20.0	21.0	105	70 - 130	
Ethylbenzene	20.0	21.8	109	70 - 130	
2-Hexanone	40.0	39.3	98	60 - 148	
Iodomethane	40.0	35.5	89	70 - 130	
Methylene Chloride	20.0	22.1	111	57 - 130	
4-Methyl-2-pentanone (MIBK)	40.0	41.3	103	64 - 137	
Styrene	20.0	22.5	113	68 - 131	
1,1,1,2-Tetrachloroethane	20.0	20.7	103	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	70 - 130	
Tetrachloroethene	20.0	18.5	92	50 - 143	
Toluene	20.0	21.0	105	70 - 131	
trans-1,4-Dichloro-2-butene	40.0	39.2	98	70 - 130	
trans-1,2-Dichloroethene	20.0	21.5	107	62 - 139	
trans-1,3-Dichloropropene	20.0	20.8	104	67 - 130	
1,1,1-Trichloroethane	20.0	21.5	108	63 - 132	
1,1,2-Trichloroethane	20.0	19.8	99	70 - 130	
Trichloroethene	20.0	21.4	107	63 - 139	
Trichlorofluoromethane	20.0	19.7	98	62 - 146	
1,2,3-Trichloropropane	20.0	18.8	94	66 - 130	
Vinyl acetate	20.0	15.4	77	31 - 146	

Client: SCS Engineers

Job Number: 660-36449-1

Lab Control Sample - Batch: 660-98077

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-98077/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1007
Date Prepared: 08/02/2010 1007

Analysis Batch: 660-98077
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME5973
Lab File ID: 1EH0204.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Vinyl chloride	20.0	20.8	104	48 - 147	
Xylenes, Total	60.0	67.5	113	68 - 130	

Client: SCS Engineers

Job Number: 660-36449-1

Matrix Spike - Batch: 660-98077

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36512-C-3 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1513
Date Prepared: 08/02/2010 1513

Analysis Batch: 660-98077
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME5973
Lab File ID: 1EH0217.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	40.0	32.1	80	62 - 142	
Acrylonitrile	1.2	U	40.0	33.6	84	59 - 146	
Benzene	0.50	U	20.0	19.7	98	68 - 134	
Bromoform	0.58	U	20.0	16.7	84	65 - 130	
Bromomethane	2.5	U	20.0	21.8	109	22 - 150	
2-Butanone (MEK)	8.4	U	40.0	34.3	86	63 - 140	
Carbon disulfide	0.85	U	40.0	40.9	102	30 - 150	
Carbon tetrachloride	0.42	U	20.0	22.3	112	61 - 134	
Chlorobenzene	0.63	U	20.0	19.2	96	70 - 130	
Chlorobromomethane	0.58	U	20.0	19.4	97	65 - 130	
Chlorodibromomethane	0.34	U	20.0	19.1	95	70 - 130	
Chloroethane	2.5	U	20.0	20.0	100	39 - 150	
Chloroform	0.90	U	20.0	18.3	92	68 - 130	
Chloromethane	1.0	U	20.0	16.4	82	35 - 150	
cis-1,2-Dichloroethene	0.65	U	20.0	19.4	97	66 - 130	
cis-1,3-Dichloropropene	0.14	U	20.0	19.5	97	70 - 130	
Dibromomethane	0.41	U	20.0	18.8	94	70 - 130	
1,2-Dichlorobenzene	0.44	U	20.0	17.4	87	70 - 130	
1,4-Dichlorobenzene	0.52	U	20.0	18.3	92	70 - 130	
Dichlorobromomethane	0.35	U	20.0	18.9	95	70 - 130	
1,1-Dichloroethane	0.52	U	20.0	19.6	98	66 - 130	
1,2-Dichloroethane	0.57	U	20.0	18.3	91	70 - 130	
1,1-Dichloroethene	0.45	U	20.0	20.9	104	51 - 150	
1,2-Dichloropropane	0.52	U	20.0	18.9	95	70 - 130	
Ethylbenzene	0.44	U	20.0	20.2	101	70 - 130	
2-Hexanone	4.4	U	40.0	35.6	89	60 - 148	
Iodomethane	2.5	U	40.0	20.3	51	70 - 130	J3
Methylene Chloride	4.0	U	20.0	18.8	94	57 - 130	
4-Methyl-2-pentanone (MIBK)	3.8	U	40.0	37.8	94	64 - 137	
Styrene	0.98	U	20.0	20.2	101	68 - 131	
1,1,1,2-Tetrachloroethane	0.63	U	20.0	19.0	95	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	20.0	18.1	90	70 - 130	
Tetrachloroethene	0.50	U	20.0	9.10	46	50 - 143	J3
Toluene	0.51	U	20.0	20.2	101	70 - 131	
trans-1,4-Dichloro-2-butene	2.5	U	40.0	34.0	85	70 - 130	
trans-1,2-Dichloroethene	0.44	U	20.0	20.2	101	62 - 139	
trans-1,3-Dichloropropene	0.14	U	20.0	18.3	91	67 - 130	
1,1,1-Trichloroethane	0.46	U	20.0	20.1	101	63 - 132	

Client: SCS Engineers

Job Number: 660-36449-1

Matrix Spike - Batch: 660-98077

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36512-C-3 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1513
Date Prepared: 08/02/2010 1513

Analysis Batch: 660-98077
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME5973
Lab File ID: 1EH0217.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	0.47	U	20.0	17.9	89	70 - 130	
Trichloroethene	0.50	U	20.0	18.1	91	63 - 139	
Trichlorofluoromethane	2.5	U	20.0	21.2	106	62 - 146	
1,2,3-Trichloropropane	0.18	U	20.0	16.7	83	66 - 130	
Vinyl acetate	1.5	U	20.0	13.7	69	31 - 146	
Vinyl chloride	0.50	U	20.0	18.5	92	48 - 147	
Xylenes, Total	0.50	U	60.0	63.6	106	68 - 130	

Client: SCS Engineers

Job Number: 660-36449-1

Duplicate - Batch: 660-98077

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36512-B-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1455
Date Prepared: 08/02/2010 1455

Analysis Batch: 660-98077
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME5973
Lab File ID: 1EH0216.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U
Carbon disulfide	0.85	U	0.85	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chlorobromomethane	0.58	U	0.58	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U J3
Chloroform	0.90	U	0.90	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
Dichlorobromomethane	0.35	U	0.35	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U
Styrene	0.98	U	0.98	NC	30	U
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U
Trichloroethene	0.50	U	0.50	NC	30	U

Client: SCS Engineers

Job Number: 660-36449-1

Duplicate - Batch: 660-98077

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36512-B-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1455
Date Prepared: 08/02/2010 1455

Analysis Batch: 660-98077
Prep Batch: N/A
Units: ug/L

Instrument ID: BVME5973
Lab File ID: 1EH0216.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	100	70 - 130
Dibromofluoromethane	101	70 - 130
Toluene-d8 (Surr)	100	70 - 130

Client: SCS Engineers

Job Number: 660-36449-1

Method Blank - Batch: 660-98100

Method: 8011
Preparation: 8011

Lab Sample ID: MB 660-98100/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 2015
Date Prepared: 08/03/2010 1606

Analysis Batch: 660-98183
Prep Batch: 660-98100
Units: ug/L

Instrument ID: BSGU
Lab File ID: 1H03U013.D
Initial Weight/Volume: 34.8608 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020

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

Lab Control Sample - Batch: 660-98100

Method: 8011
Preparation: 8011

Lab Sample ID: LCS 660-98100/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 2035
Date Prepared: 08/03/2010 1606

Analysis Batch: 660-98183
Prep Batch: 660-98100
Units: ug/L

Instrument ID: BSGU
Lab File ID: 1H03U014.D
Initial Weight/Volume: 34.8641 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.251	0.240	96	60 - 140	
Ethylene Dibromide	0.251	0.239	95	60 - 140	

Matrix Spike - Batch: 660-98100

Method: 8011
Preparation: 8011

Lab Sample ID: 660-36439-X-1-A MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 2117
Date Prepared: 08/03/2010 1606

Analysis Batch: 660-98183
Prep Batch: 660-98100
Units: ug/L

Instrument ID: BSGU
Lab File ID: 1H03U016.D
Initial Weight/Volume: 33.5688 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.010	U	0.261	0.250	96	60 - 140	
Ethylene Dibromide	0.010	U	0.261	0.240	92	60 - 140	

Client: SCS Engineers

Job Number: 660-36449-1

Duplicate - Batch: 660-98100

Method: 8011
Preparation: 8011

Lab Sample ID: 640-29043-E-1-A DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 2158
Date Prepared: 08/03/2010 1606

Analysis Batch: 660-98183
Prep Batch: 660-98100
Units: ug/L

Instrument ID: BSGU
Lab File ID: 1H03U018.D
Initial Weight/Volume: 35.0980 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0098	U	0.010	NC	40	U
Ethylene Dibromide	0.0098	U	0.010	NC	40	U

Surrogate	% Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	103	60 - 140

Duplicate - Batch: 660-98100

Method: 8011
Preparation: 8011

Lab Sample ID: 660-36450-E-1-A DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2010 0204
Date Prepared: 08/03/2010 1606

Analysis Batch: 660-98183
Prep Batch: 660-98100
Units: ug/L

Instrument ID: BSGU
Lab File ID: 1H03U030.D
Initial Weight/Volume: 33.1263 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.011	U	0.011	NC	40	U
Ethylene Dibromide	0.011	U	0.011	NC	40	U

Surrogate	% Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	111	60 - 140

Client: SCS Engineers

Job Number: 660-36449-1

Method Blank - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-176280/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1149
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280
Units: mg/L

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.25	U	0.25	0.50

Method Blank - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-176280/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1149
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280
Units: ug/L

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

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

Client: SCS Engineers

Job Number: 660-36449-1

Lab Control Sample - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-176280/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1157
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280
Units: mg/L

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	5.00	4.58	92	75 - 125	

Lab Control Sample - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-176280/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1157
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280
Units: ug/L

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	52.4	105	75 - 125	
Arsenic	100	96.6	97	75 - 125	
Barium	100	93.0	93	75 - 125	
Beryllium	50.0	44.6	89	75 - 125	
Cadmium	50.0	48.4	97	75 - 125	
Cobalt	50.0	46.8	94	75 - 125	
Chromium	100	93.3	93	75 - 125	
Copper	100	97.1	97	75 - 125	
Lead	50.0	48.1	96	75 - 125	
Nickel	100	95.7	96	75 - 125	
Selenium	100	98.7	99	75 - 125	
Silver	50.0	47.5	95	75 - 125	
Iron	5000	4840	97	75 - 125	
Vanadium	100	92.2	92	75 - 125	
Zinc	100	104	104	75 - 125	
Thallium	40.0	38.0	95	75 - 125	

Client: SCS Engineers

Job Number: 660-36449-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	680-59867-C-1-B MS	Analysis Batch: 680-176516	Instrument ID: ICPMSB
Client Matrix:	Water	Prep Batch: 680-176280	Lab File ID: 176280.chr
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/06/2010 1246		Final Weight/Volume: 250 mL
Date Prepared:	08/04/2010 1529		

MSD Lab Sample ID:	680-59867-C-1-C MSD	Analysis Batch: 680-176516	Instrument ID: ICPMSB
Client Matrix:	Water	Prep Batch: 680-176280	Lab File ID: 176280.chr
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/06/2010 1254		Final Weight/Volume: 250 mL
Date Prepared:	08/04/2010 1529		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sodium	98	111	75 - 125	5	20		

Client: SCS Engineers

Job Number: 660-36449-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 680-59867-C-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1246
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 680-59867-C-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1254
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	105	109	75 - 125	4	20		
Arsenic	97	106	75 - 125	8	20		
Barium	95	101	75 - 125	5	20		
Beryllium	89	94	75 - 125	6	20		
Cadmium	94	100	75 - 125	6	20		
Cobalt	92	98	75 - 125	5	20		
Chromium	93	100	75 - 125	7	20		
Copper	98	109	75 - 125	7	20		
Lead	96	99	75 - 125	3	20		
Nickel	95	102	75 - 125	7	20		
Selenium	100	104	75 - 125	4	20		
Silver	93	96	75 - 125	4	20		
Iron	96	102	75 - 125	5	20		
Vanadium	93	101	75 - 125	8	20		
Zinc	137	214	75 - 125	5	20	J3	J3
Thallium	97	100	75 - 125	3	20		

Client: SCS Engineers

Job Number: 660-36449-1

Method Blank - Batch: 680-175745

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 680-175745/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 1428
Date Prepared: 07/30/2010 0833

Analysis Batch: 680-176201
Prep Batch: 680-175745
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: b080310b.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.091	U	0.091	0.20

Lab Control Sample - Batch: 680-175745

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 680-175745/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 1431
Date Prepared: 07/30/2010 0833

Analysis Batch: 680-176201
Prep Batch: 680-175745
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: b080310b.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.35	94	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-175745

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 660-36446-B-4-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 1447
Date Prepared: 07/30/2010 0833

Analysis Batch: 680-176201
Prep Batch: 680-175745

Instrument ID: LEEMAN1
Lab File ID: b080310b.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36446-B-4-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 1449
Date Prepared: 07/30/2010 0833

Analysis Batch: 680-176201
Prep Batch: 680-175745

Instrument ID: LEEMAN1
Lab File ID: b080310b.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	84	80	80 - 120	4	20		

Client: SCS Engineers

Job Number: 660-36449-1

Method Blank - Batch: 660-98425

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-98425/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 1815
Date Prepared: N/A

Analysis Batch: 660-98425
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX2
Lab File ID: 11.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-98425

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-98425/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 1836
Date Prepared: N/A

Analysis Batch: 660-98425
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX2
Lab File ID: 12.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.82	98	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-98425

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-36544-J-11 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2010 0130
Date Prepared: N/A

Analysis Batch: 660-98425
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 29.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36544-J-11 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2010 0152
Date Prepared: N/A

Analysis Batch: 660-98425
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 30.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	101	102	90 - 110	0	30		

Client: SCS Engineers

Job Number: 660-36449-1

Method Blank - Batch: 660-98029

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-98029/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1113
Date Prepared: N/A

Analysis Batch: 660-98029
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: NH3.8.2.10.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

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

Lab Control Sample - Batch: 660-98029

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-98029/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1114
Date Prepared: N/A

Analysis Batch: 660-98029
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: NH3.8.2.10.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.501	100	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-98029

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-36426-D-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1116
Date Prepared: N/A

Analysis Batch: 660-98029
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: NH3.8.2.10.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-36426-D-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1117
Date Prepared: N/A

Analysis Batch: 660-98029
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: NH3.8.2.10.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia (as N)	89	82	90 - 110	7	30	J3	J3

Client: SCS Engineers

Job Number: 660-36449-1

Method Blank - Batch: 660-97887

Method: SM 2540C
Preparation: N/A

Lab Sample ID: MB 660-97887/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1438
Date Prepared: N/A

Analysis Batch: 660-97887
Prep Batch: N/A
Units: mg/L

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

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

Lab Control Sample - Batch: 660-97887

Method: SM 2540C
Preparation: N/A

Lab Sample ID: LCS 660-97887/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1438
Date Prepared: N/A

Analysis Batch: 660-97887
Prep Batch: N/A
Units: mg/L

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

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

Duplicate - Batch: 660-97887

Method: SM 2540C
Preparation: N/A

Lab Sample ID: 660-36448-A-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1439
Date Prepared: N/A

Analysis Batch: 660-97887
Prep Batch: N/A
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	540	572	5	20	

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

660-36449

Chain of Custody Record

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08/20/2010

Client Information	Sampler: Ken Hoover	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-30264.1
Client Contact: Mr. Ken Guilbeault	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: SCS Engineers				Job #:
Address: 4041 Park Oaks Blvd Suite 100	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33610				
Phone:	PO #: Purchase Order Requested			
Email: kguilbeault@scsengineers.com	WO #:			
Project Name: Citrus County 2010 Inf,Eff, Leachate Col	Project #: 66002924			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1 - Ammonia (as N)	300.0_28D - Chloride	2540C - Total Dissolved Solids	8011 - EDB	8260B - Appendix I + THMs	6020A, 7470A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				S	N	N	N	N	D		
Leachate Eff	7/27/10	930	G	Water			X	X	X	X	X	X		
Eq. Blank	"	915	G	Water			X	X	X	X	X	X		

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:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 7/27/10 1028	Company: TA	Received by:	Date/Time: 7/27/10 1445	Company: TA
Relinquished by:	Date/Time: 7/27/10 1700	Company: TA	Received by:	Date/Time: 7/29/10 1300	Company: TA
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: 3.9° C CU07

Meter #'s: MI

PAGE: ____ of ____

08/20/2010

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

CLIENT NAME: SCS Engineers

SURVEY/PROJECT: Citrus County Landfill

SAMPLERS: Brett / Shawn

Time Out: ____

Time In: ____

SAMPLE ID	TIME HR:MIN	TOTAL DEPTH (feet)	SECCHI (feet)	SAMPLE DEPTH (feet)	WATER TEMP (Celsius)	DO (mg/L)	FIELD Ox-Red (mV)	Cond (µS/cm)	SALINITY (ppt)	PH (su)	TURBIDITY (NTU)	Comments
EFF	930	4.0	N/A	Surface	28.5	6.72	350.7	46.17	N/A	7.37	3.40	Clear
												No Sheen
												Heavy Cl2 odor

Instrument Calibrations: YSI 3500 Calibrated to pH 7.00,slope to pH 4.00, pH 6.00=

KCL Conductivity Standards: 0.001M = _____ (147µΩ/cm) 0.01M = ____ (1413µΩ/cm) YSI 85 D.O. Meter Calibrated to ___mg/L @ ___°C Cooler Temp: ___°C

Signature: _____ Relinquished by: _____ Date: 7/27/16 Time: 1029

Date Completed: 7/27/16 Received by: _____ Date: / / Time: ____

FIELD CONDITIONS FOR STATION# _____ AT TIME _____:

CLOUD COVER (%): 0 WIND DIRECTION: Calm winds TIDAL STAGE: N/A

PREVIOUS RAINFALL: _____ WIND SPEED (MPH/KNOTS): 0 WAVE CONDITIONS: _____

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

Page 45 of 52

Field Calibration Check Logbook

TestAmerica Orlando 8010 Sunport Drive Suite 116, Orlando, Florida 32809

INSTRUMENT (MAKE/MODEL#) YSI 556 MPS

INSTRUMENT # M-1

PARAMETER: *[check only one]*

☐ SALINITY ☑ DO ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A _____

Standard B _____

Standard C _____

Standard D _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	%DEV	CALIBRATED (YES/NO)	TYPE (INIT/CONT)	SAMPLER INITIALS
4-22-10	1050	A 9.7	9.14	19.7/9.12	.02	YES	INIT	
4-26-10	1114	25.5	8.18	25.5/8.16	.02	YES	INIT	
4-27-10	1024	25.4	8.20	25.4/8.23	.03	YES	INIT	
4-28-10	930	21.8	8.79	21.8/8.77	0	YES	INIT	
4-29-10	930	18.0	9.46	18.0/9.45	.01	YES	INIT	
5-10-10	907	24.4	8.35	24.4/8.33	.02	YES	INIT	
5-11-10	941	22.4	7.91	22.4/7.89	.02	YES	INIT	
5-17-10	1020	23.4	8.51	23.4/8.49	.02	YES	INIT	RR
5-25-10	910	25.5	8.18	25.5/8.17	.01	YES	INIT	
5-26-10	835	28.6	7.74	28.6/7.75	.01	YES	INIT	
6-1-10	910	28.0	7.82	28.0/7.79	.03	YES	INIT	
6-9-10	0958	23.9	8.43	23.9/8.42	.01	YES	INIT	RR
6-14-10	925	28.0	7.82	28.0/7.79	.03	YES	INIT	
6-23-10	855	27.9	7.84	27.9/7.83	.01	YES	INIT	
6-28-10	0810	23.7	8.46	23.7/8.45	.01	YES	INIT	RR
7-12-10	907	28.8	7.71	28.8/7.71	0	YES	INIT	
7-14-10	810	26.6	8.02	26.6/8.00	0	YES	INIT	
7-19-10	830	26.5	8.02	26.5/8.00	0	YES	INIT	
7-20-10	910	27.5	7.89	27.5/7.88	.01	YES	INIT	
7-22-10	0945	30.4	7.50	30.4/7.50	0	YES	INIT	RR
7-26-10	939	30.4	7.50	30.4/7.50	0	YES	INIT	
7-27-10	710	28.7	7.73	28.7/7.73	0	YES	INIT	

Field Calibration Check Logbook

TestAmerica Orlando 8010 Sunport Drive Suite 116, Orlando, Florida 32809

INSTRUMENT (MAKE/MODEL#) Hach 2100P Turbidimeter

INSTRUMENT # 1-2-3

PARAMETER: *[check only one]*

☑ TURBIDITY ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A Stablcal Calibration Set NTU .10 Lot A9292A Exp-
Standard B ↓ ↓ ↓ 20 ↓ ↓
Standard C ↓ ↓ ↓ 100 ↓ ↓
Standard D ↓ ↓ ↓ 800 ↓ ↓

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
#1 10/06/10	1410	A	.10	.14	.04	YES	INIT	AW
↓	↓	B	20	20.4	1.4	↓	↓	↓
↓	↓	C	100	100	0	↓	↓	↓
↓	↓	D	800	759	11	↓	↓	↓
#2 10/06/10	1540	A	.10	.115	.05	NO	CONT	AW
↓	↓	B	20	18.5	1.5	↓	↓	↓
↓	↓	C	100	94	6	↓	↓	↓
↓	↓	D	800	815	15	↓	↓	↓
10/06/10	940	A	.10	.14	.04	NO	CONT	AW
↓	↓	B	20	18.5	1.5	↓	↓	↓
↓	↓	C	100	94	6	↓	↓	↓
↓	↓	D	800	815	15	↓	↓	↓

Field Calibration Check Logbook

TestAmerica Orlando 8010 Sunport Drive Suite 116, Orlando, Florida 32809

INSTRUMENT (MAKE/MODEL#) YSI 556 MPS

INSTRUMENT # M-1 06D2137 AH

PARAMETER: *[check only one]*

☑ pH ☐ ORP ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A Fisher ph. 7.00 Buffer Lot 092920 Exp-06/2011

Standard B Fisher ph. 4.00 Buffer Lot 093710 Exp- 07/2011

Standard C Fisher ph. 10.00 Buffer Lot-09514 Exp-09/2011

Standard D _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV.	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
5-26-10	845	A	7.00	7.00	0	YES	INIT	
↓	↓	B	4.00	4.00	↓	↓	↓	
6-1-10	944	A	7.00	7.08	.08	NO	CONT	
↓	↓	B	4.00	4.03	.03	↓	↓	
6-1-10	↓	C	10.00	10.05	.05	↓	↓	
6-9-10	0503	A	7.00	7.00	0	YES	INIT	
↓	↓	B	4.00	4.00	0	↓	↓	
↓	↓	C	10.00	10.02	.02	↓	↓	
6-14-10	930	A	7.00	7.07	.07	NO	CONT	
↓	↓	B	4.00	4.04	.04	↓	↓	
6-23-10	908	A	7.00	7.00	0	YES	INIT	
↓	↓	B	4.00	4.01	.01	↓	↓	
↓	↓	C	10.00	10.02	.02	↓	↓	
6-28-10	0915	A	7.00	6.99	.03	NO	CONT	
↓	↓	B	4.00	4.00	0	↓	↓	
↓	↓	C	10.00	10.03	.03	↓	↓	
7-12-10	912	A	7.00	7.03	.03	NO	CONT	
↓	↓	B	4.00	4.03	.03	↓	↓	
↓	↓	C	10.00	9.98	.02	↓	↓	
7-19-10	920	A	7.00	7.00	0	YES	INIT	
↓	↓	B	4.00	3.99	.01	↓	↓	
↓	↓	C	10.00	10.00	0	↓	↓	

Field Calibration Check Logbook

TestAmerica Orlando 8010 Sunport Drive Suite 116, Orlando, Florida 32809

INSTRUMENT (MAKE/MODEL#) _____

INSTRUMENT # _____

PARAMETER: *[check only one]*

☑ pH ☐ ORP ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A _____

Standard B _____

Standard C _____

Standard D _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
7-20-10	901	A	7.00	6.98	.02	NO	CONT	
↓	↓	B	4.00	4.01	.01	↓	↓	
↓	↓	C	10.00	9.98	.02	↓	↓	
7-22-10	0955	A	7.00	7.00	Ø	YES	INIT	RR
↓	↓	B	4.00	3.99	.01	↓	↓	RR
↓	↓	C	10.00	10.01	.01	↓	↓	RR
7-26-10	945	A	7.00	7.00	Ø	YES	INIT	
↓	↓	B	4.00	3.99	.01	YES	INIT	
7-27-10	715	A	7.00	7.02	.02	NO	CONT	
↓	↓	B	4.00	4.01	.01	↓	↓	
8-2-10	0800	A	7.00	7.00	Ø	NO	CONT	KR
↓	↓	B	4.00	3.99	.01	↓	↓	KR
↓	↓	C	10.00	9.99	.01	↓	↓	KR
8-10-10	907	A	7.00	6.98	.02	NO	CONT	
↓	↓	B	4.00	4.00	Ø	NO	CONT	
↓	↓	C	10.00	9.98	.02	NO	CONT	
ORP 8-10-10	910	A	224 mV	284 mV	Ø	NO	CONT	
8-17-10	907	A	7.00	6.97	.03	NO	CONT	
↓	↓	B	4.00	3.97	.03	NO	CONT	

Field Calibration Check Logbook

TestAmerica Orlando 8010 Sunport Drive Suite 116, Orlando, Florida 32809

INSTRUMENT (MAKE/MODEL#) _____

INSTRUMENT # _____

PARAMETER: *[check only one]*

☐ CONDUCTIVITY ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A _____

Standard B _____

Standard C _____

Standard D _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES/NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
6-14-10	935	A	100	102	2	NO	CONT	
↓	↓	B	1000	1002	2	NO	↓	
6-23-10	902	A	100	100	0	YES	INIT	
↓	↓	B	1000	1001	01	↓	↓	
6-28-10	0812	A	100	100		YES	INIT	RR
↓	↓	B	1000	1000		↓	↓	RR
7-12-10	910	A	100	100		YES	INIT	
↓	↓	B	1000	1001	1	↓	↓	
7-14-10	825	A	100	100		YES	INIT	
↓	↓	B	1000	1000		↓	↓	
7-16-10	838	A	100	100		YES	INIT	
↓	↓	B	1000	1000		YES	INIT	
7-20-10	905	A	100	100		YES	INIT	
↓	↓	B	1000	1000		YES	INIT	
7-22-10	0950	A	100	100		YES	INIT	RR
↓	↓	B	1000	1000		↓	↓	RR
7-26-10	941	A	100	100		YES	INIT	
↓	↓	B	1000	1000		YES	INIT	
7-27-10	712	A	100	100		YES	INIT	
↓	↓	B	1000	1000		↓	↓	
8-10-10	904	A	100	102	2	NO	CONT	
↓	↓	B	100	1000		YES	INIT	

Login Sample Receipt Check List

Client: SCS Engineers

Job Number: 660-36449-1

Login Number: 36449
Creator: Harrison, Amanda
List Number: 1

List Source: TestAmerica Tampa

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	3.9 degrees C CU-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Login Sample Receipt Check List

Client: SCS Engineers

Job Number: 660-36449-1

Login Number: 36449
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 07/29/10 09:12 AM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 660-36450-1

Job Description: Citrus County Leachate Influent

For:
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Attention: Mr. Ken Guilbeault

Approved for release.
Nancy Robertson
Project Manager II
8/24/2010 9:44 AM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
08/24/2010

Methods: FDEP, DOH Certification #: E84282, E81005 These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria. The LCS associated with batch 97939 had Acrolein outside control limits bias high. The samples were non detect for this compound. Data is flagged with J3.

Method 8260B: The matrix spike (MS) recoveries for batch 97939 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The method blank for batch 71478 contained an estimated result for bis(2-ethylhexylphthalate) between the MDL and PQL. The associated samples with a positive result have been flagged with V.

No other analytical or quality issues were noted.

GC Semi VOA
Method 8081A: The matrix spike (MS) recoveries for batch 97906 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 8082: The matrix spike (MS) recovery for batch 97906 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 8151A: Surrogate recovery for sample Composite of Lift Station & Phase II was outside control limits. Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. The sample is flagged with J1.

No other analytical or quality issues were noted.

Metals
Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 176280 were outside control limits for Zinc. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry
Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 98029 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 353.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 97848 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 98372 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.
The sample is flagged with J3. Matrix interference is suspected.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: SCS Engineers

Job Number: 660-36450-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-36450-1	**PHASE II PUMP**					
Acetone		28		20	ug/L	8260B
Benzene		16		1.0	ug/L	8260B
2-Butanone (MEK)		59		10	ug/L	8260B
cis-1,2-Dichloroethene		2.8		1.0	ug/L	8260B
1,2-Dichloropropane		1.5		1.0	ug/L	8260B
Ethylbenzene		12		1.0	ug/L	8260B
Styrene		1.9	I	2.0	ug/L	8260B
Toluene		22		1.0	ug/L	8260B
Vinyl chloride		9.0		1.0	ug/L	8260B
Xylenes, Total		34		3.0	ug/L	8260B
Field pH		6.59			SU	Field Sampling
Oxidation Reduction Potential		115.6			millivolts	Field Sampling
Oxygen, Dissolved		1.64			mg/L	Field Sampling
Sheen		None			SU	Field Sampling
Specific Conductance		4086			umhos/cm	Field Sampling
Temperature		32.4			Degrees C	Field Sampling
Turbidity		22.3			NTU	Field Sampling
660-36450-2	**MASTER LIFT STATION**					
Acetone		21		20	ug/L	8260B
Dichlorobromomethane		10		1.0	ug/L	8260B
Bromoform		3.2		1.0	ug/L	8260B
Chloroform		6.3		1.0	ug/L	8260B
Chlorodibromomethane		7.9		1.0	ug/L	8260B
Field pH		7.06			SU	Field Sampling
Oxidation Reduction Potential		10.8			millivolts	Field Sampling
Oxygen, Dissolved		0.99			mg/L	Field Sampling
Sheen		None			SU	Field Sampling
Specific Conductance		1760			umhos/cm	Field Sampling
Temperature		29.9			Degrees C	Field Sampling
Turbidity		15.7			NTU	Field Sampling

EXECUTIVE SUMMARY - Detections

Client: SCS Engineers

Job Number: 660-36450-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-36450-3	COMPOSITE OF LIFT STATION & PHASE II					
Benzo[g,h,i]perylene		2.1	I	9.5	ug/L	8270C
Bis(2-ethylhexyl) phthalate		1.9	I V	9.5	ug/L	8270C
Dibenz(a,h)anthracene		1.5	I	9.5	ug/L	8270C
1,4-Dichlorobenzene		4.2	I	9.5	ug/L	8270C
2,4-Dimethylphenol		1.3	I	9.5	ug/L	8270C
Indeno[1,2,3-cd]pyrene		1.5	I	9.5	ug/L	8270C
Naphthalene		2.1	I	9.5	ug/L	8270C
2,4-D		0.24	I	0.49	ug/L	8151A
Chloride		160		5.0	mg/L	300.0
Ammonia (as N)		63		0.40	mg/L	350.1
Nitrate as N		4.8		0.50	mg/L	353.2
Alkalinity		590		1.0	mg/L	SM 2320B
Bicarbonate Alkalinity as CaCO3		590		1.0	mg/L	SM 2320B
Total Dissolved Solids		740		5.0	mg/L	SM 2540C
Sulfide		3.5		1.0	mg/L	SM 4500 S2 F
Biochemical Oxygen Demand		15		2.0	mg/L	SM 5210B
Chemical Oxygen Demand		190	J3	20	mg/L	SM 5220D
Total Recoverable						
Arsenic		10		2.5	ug/L	6020A
Barium		92		5.0	ug/L	6020A
Cadmium		0.14	I	0.50	ug/L	6020A
Cobalt		3.7		0.50	ug/L	6020A
Sodium		110		0.50	mg/L	6020A
Copper		6.3		5.0	ug/L	6020A
Lead		0.82	I	1.5	ug/L	6020A
Nickel		12		5.0	ug/L	6020A
Iron		11000		100	ug/L	6020A
Vanadium		3.9	I	10	ug/L	6020A
Zinc		35		20	ug/L	6020A

METHOD SUMMARY

Client: SCS Engineers

Job Number: 660-36450-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL TAL	SW846 8270C	
Liquid-Liquid Extraction (Continuous)	TAL TAL		SW846 3520C
EDB, DBCP, and 1,2,3-TCP (GC)	TAL TAM	SW846 8011	
Microextraction	TAL TAM		SW846 8011
Organochlorine Pesticides (GC)	TAL TAM	SW846 8081A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL TAM		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL TAM	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL TAM		SW846 3510C
Organophosphorous Pesticides (GC)	TAL TAL	SW846 8141A	
Liquid-Liquid Extraction (Continuous)	TAL TAL		SW846 3520C
Herbicides (GC)	TAL SAV	SW846 8151A	
Extraction (Herbicides)	TAL SAV		SW846 8151A
Metals (ICP/MS)	TAL SAV	SW846 6020A	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
Mercury (CVAA)	TAL SAV	SW846 7470A	
Preparation, Mercury	TAL SAV		SW846 7470A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Cyanide, Total	TAL SAV	MCAWW 335.4	
Distillation, Cyanide	TAL SAV		Distill/CN
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite	TAL TAM	MCAWW 353.2	
Alkalinity	TAL TAM	SM SM 2320B	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Sulfide, Total	TAL TAM	SM SM 4500 S2 F	
BOD, 5-Day	TAL TAM	SM SM 5210B	
COD	TAL TAM	SM SM 5220D	
COD	TAL TAM		SM SM 5220
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

METHOD SUMMARY

Client: SCS Engineers Job Number: 660-36450-1

Description	Lab Location	Method	Preparation Method

Method References:

EPA = US Environmental Protection Agency

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

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

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

METHOD / ANALYST SUMMARY

Client: SCS Engineers

Job Number: 660-36450-1

Method	Analyst	Analyst ID
SW846 8260B	Perrin, Todd	TP
SW846 8270C	Welch, Virgil	VW
SW846 8011	Ballard, James	JB
SW846 8081A	Ortiz, Raymond	RO
SW846 8082	Ballard, James	JB
SW846 8141A	Thomas, Martin L	MLT
SW846 8151A	Hao, Lili	LH
SW846 6020A	Robertson, Bryn	BR
SW846 7470A	Eaton, Cliff	CE
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Sengsouvanna, Dom	DS
MCAWW 335.4	McDonald, Debbie	DAM
MCAWW 350.1	Steward, Tiffany	TS
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2320B	Steward, Tiffany	TS
SM SM 2540C	Oonnoonny, Thomas	TO
SM SM 4500 S2 F	Mostafavifar, Efe	EM
SM SM 5210B	Sengsouvanna, Dom	DS
SM SM 5220D	Martin, Randolph	RM

SAMPLE SUMMARY

Client: SCS Engineers

Job Number: 660-36450-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-36450-1	Phase II Pump	Water	07/27/2010 0945	07/27/2010 1720
660-36450-2	Master Lift Station	Water	07/27/2010 1010	07/27/2010 1720
660-36450-3	Composite of Lift Station & Phase II	Water	07/27/2010 1010	07/27/2010 1720

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-1
Client Matrix: Water
Date Sampled: 07/27/2010 0945
Date Received: 07/27/2010 1720

Client Sample ID: Phase II Pump

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Acetonitrile	20	U	ug/L	20	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Acetone	28		ug/L	9.9	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Acrolein	3.8	U J3	ug/L	3.8	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Acrylonitrile	1.2	U	ug/L	1.2	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Benzene	16		ug/L	0.50	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Dichlorobromomethane	0.35	U	ug/L	0.35	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Bromoform	0.58	U	ug/L	0.58	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Bromomethane	2.5	U	ug/L	2.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
2-Butanone (MEK)	59		ug/L	8.4	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Carbon disulfide	0.85	U	ug/L	0.85	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Chlorobenzene	0.63	U	ug/L	0.63	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Chlorobromomethane	0.58	U	ug/L	0.58	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Chloroethane	2.5	U	ug/L	2.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Chloroform	0.90	U	ug/L	0.90	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Chloromethane	1.0	U	ug/L	1.0	8260B	07/29/2010 2106	07/29/2010 2106	1.0
3-Chloro-1-propene	2.5	U	ug/L	2.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
2-Chloro-1,3-butadiene	2.5	U	ug/L	2.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Dibromomethane	0.41	U	ug/L	0.41	8260B	07/29/2010 2106	07/29/2010 2106	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Dichlorodifluoromethane	2.5	U	ug/L	2.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	8260B	07/29/2010 2106	07/29/2010 2106	1.0
cis-1,2-Dichloroethene	2.8		ug/L	0.65	8260B	07/29/2010 2106	07/29/2010 2106	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,2-Dichloropropane	1.5		ug/L	0.52	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,3-Dichloropropane	0.39	U	ug/L	0.39	8260B	07/29/2010 2106	07/29/2010 2106	1.0
2,2-Dichloropropane	0.36	U	ug/L	0.36	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,1-Dichloropropene	0.31	U	ug/L	0.31	8260B	07/29/2010 2106	07/29/2010 2106	1.0

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-1
Client Matrix: Water
Date Sampled: 07/27/2010 0945
Date Received: 07/27/2010 1720

Client Sample ID: Phase II Pump

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	07/29/2010 2106	07/29/2010 2106	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Ethylbenzene	12		ug/L	0.44	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Ethyl methacrylate	2.5	U	ug/L	2.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
2-Hexanone	4.4	U	ug/L	4.4	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Iodomethane	2.5	U	ug/L	2.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Isobutyl alcohol	31	U	ug/L	31	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Methacrylonitrile	1.8	U	ug/L	1.8	8260B	07/29/2010 2106	07/29/2010 2106	1.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Methylene Chloride	4.0	U	ug/L	4.0	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Methyl methacrylate	2.5	U	ug/L	2.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Propionitrile	7.2	U	ug/L	7.2	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Styrene	1.9	I	ug/L	0.98	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Toluene	22		ug/L	0.51	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Trichloroethene	0.50	U	ug/L	0.50	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Vinyl acetate	1.5	U	ug/L	1.5	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Vinyl chloride	9.0		ug/L	0.50	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Xylenes, Total	34		ug/L	0.50	8260B	07/29/2010 2106	07/29/2010 2106	1.0
Surrogate						Acceptance Limits		
4-Bromofluorobenzene	95		%		8260B	70 - 130		
Dibromofluoromethane	96		%		8260B	70 - 130		
Toluene-d8 (Surr)	100		%		8260B	70 - 130		

GC SEMI VOA

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-1
Client Matrix: Water
Date Sampled: 07/27/2010 0945
Date Received: 07/27/2010 1720

Client Sample ID: Phase II Pump

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC SEMI VOA								
1,2-Dibromo-3-Chloropropane	0.011	U	ug/L	0.011	8011	08/03/2010 1606	08/04/2010 0143	1.0
Ethylene Dibromide	0.011	U	ug/L	0.011	8011	08/03/2010 1606	08/04/2010 0143	1.0
Surrogate						Acceptance Limits		
1,1,1,2-Tetrachloroethane	117		%		8011	60 - 140		
FIELD SERVICE / MOBILE LAB								
Field pH	6.59		SU		Field Sampling		07/27/2010 0945	1.0
Oxidation Reduction Potential	115.6		millivolts		Field Sampling		07/27/2010 0945	1.0
Oxygen, Dissolved	1.64		mg/L		Field Sampling		07/27/2010 0945	1.0
Sheen	None		SU		Field Sampling		07/27/2010 0945	1.0
Specific Conductance	4086		umhos/cm		Field Sampling		07/27/2010 0945	1.0
Temperature	32.4		Degrees C		Field Sampling		07/27/2010 0945	1.0
Turbidity	22.3		NTU		Field Sampling		07/27/2010 0945	1.0

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-2
Client Matrix: Water
Date Sampled: 07/27/2010 1010
Date Received: 07/27/2010 1720

Client Sample ID: Master Lift Station

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Acetonitrile	20	U	ug/L	20	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Acetone	21		ug/L	9.9	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Acrolein	3.8	U J3	ug/L	3.8	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Acrylonitrile	1.2	U	ug/L	1.2	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Benzene	0.50	U	ug/L	0.50	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Dichlorobromomethane	10		ug/L	0.35	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Bromoform	3.2		ug/L	0.58	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Bromomethane	2.5	U	ug/L	2.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
2-Butanone (MEK)	8.4	U	ug/L	8.4	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Carbon disulfide	0.85	U	ug/L	0.85	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Chlorobenzene	0.63	U	ug/L	0.63	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Chlorobromomethane	0.58	U	ug/L	0.58	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Chloroethane	2.5	U	ug/L	2.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Chloroform	6.3		ug/L	0.90	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Chloromethane	1.0	U	ug/L	1.0	8260B	07/29/2010 2021	07/29/2010 2021	1.0
3-Chloro-1-propene	2.5	U	ug/L	2.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
2-Chloro-1,3-butadiene	2.5	U	ug/L	2.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Chlorodibromomethane	7.9		ug/L	0.34	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Dibromomethane	0.41	U	ug/L	0.41	8260B	07/29/2010 2021	07/29/2010 2021	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Dichlorodifluoromethane	2.5	U	ug/L	2.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	8260B	07/29/2010 2021	07/29/2010 2021	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	8260B	07/29/2010 2021	07/29/2010 2021	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,3-Dichloropropane	0.39	U	ug/L	0.39	8260B	07/29/2010 2021	07/29/2010 2021	1.0
2,2-Dichloropropane	0.36	U	ug/L	0.36	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,1-Dichloropropene	0.31	U	ug/L	0.31	8260B	07/29/2010 2021	07/29/2010 2021	1.0

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-2
Client Matrix: Water
Date Sampled: 07/27/2010 1010
Date Received: 07/27/2010 1720

Client Sample ID: Master Lift Station

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	07/29/2010 2021	07/29/2010 2021	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Ethylbenzene	0.44	U	ug/L	0.44	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Ethyl methacrylate	2.5	U	ug/L	2.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
2-Hexanone	4.4	U	ug/L	4.4	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Iodomethane	2.5	U	ug/L	2.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Isobutyl alcohol	31	U	ug/L	31	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Methacrylonitrile	1.8	U	ug/L	1.8	8260B	07/29/2010 2021	07/29/2010 2021	1.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Methylene Chloride	4.0	U	ug/L	4.0	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Methyl methacrylate	2.5	U	ug/L	2.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Propionitrile	7.2	U	ug/L	7.2	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Styrene	0.98	U	ug/L	0.98	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Toluene	0.51	U	ug/L	0.51	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Trichloroethene	0.50	U	ug/L	0.50	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Vinyl acetate	1.5	U	ug/L	1.5	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Vinyl chloride	0.50	U	ug/L	0.50	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Xylenes, Total	0.50	U	ug/L	0.50	8260B	07/29/2010 2021	07/29/2010 2021	1.0
Surrogate						Acceptance Limits		
4-Bromofluorobenzene	94		%		8260B	70 - 130		
Dibromofluoromethane	93		%		8260B	70 - 130		
Toluene-d8 (Surr)	98		%		8260B	70 - 130		

GC SEMI VOA

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-2
Client Matrix: Water
Date Sampled: 07/27/2010 1010
Date Received: 07/27/2010 1720

Client Sample ID: Master Lift Station

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC SEMI VOA								
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	8011	08/03/2010 1606	08/04/2010 0224	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	8011	08/03/2010 1606	08/04/2010 0224	1.0
Surrogate						Acceptance Limits		
1,1,1,2-Tetrachloroethane	120		%		8011	60 - 140		
FIELD SERVICE / MOBILE LAB								
Field pH	7.06		SU		Field Sampling		07/27/2010 1010	1.0
Oxidation Reduction Potential	10.8		millivolts		Field Sampling		07/27/2010 1010	1.0
Oxygen, Dissolved	0.99		mg/L		Field Sampling		07/27/2010 1010	1.0
Sheen	None		SU		Field Sampling		07/27/2010 1010	1.0
Specific Conductance	1760		umhos/cm		Field Sampling		07/27/2010 1010	1.0
Temperature	29.9		Degrees C		Field Sampling		07/27/2010 1010	1.0
Turbidity	15.7		NTU		Field Sampling		07/27/2010 1010	1.0

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-3
Client Matrix: Water
Date Sampled: 07/27/2010 1010
Date Received: 07/27/2010 1720

Client Sample ID: Composite of Lift Station & Phase II

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Acenaphthene	0.67	U	ug/L	0.67	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Acenaphthylene	0.81	U	ug/L	0.81	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Acetophenone	0.76	U	ug/L	0.76	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2-Acetylaminofluorene	0.95	U	ug/L	0.95	8270C	08/02/2010 1500	08/06/2010 0426	1.0
4-Aminobiphenyl	0.55	U	ug/L	0.55	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Anthracene	1.2	U	ug/L	1.2	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Benzo[a]anthracene	0.81	U	ug/L	0.81	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Benzo[b]fluoranthene	0.93	U	ug/L	0.93	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Benzo[k]fluoranthene	1.0	U	ug/L	1.0	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Benzo[g,h,i]perylene	2.1	I	ug/L	1.3	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Benzo[a]pyrene	0.95	U	ug/L	0.95	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Benzyl alcohol	0.74	U	ug/L	0.74	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Bis(2-chloroethoxy)methane	0.69	U	ug/L	0.69	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Bis(2-chloroethyl)ether	0.56	U	ug/L	0.56	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Bis(2-ethylhexyl) phthalate	1.9	I V	ug/L	0.62	8270C	08/02/2010 1500	08/06/2010 0426	1.0
4-Bromophenyl phenyl ether	1.2	U	ug/L	1.2	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Butyl benzyl phthalate	0.85	U	ug/L	0.85	8270C	08/02/2010 1500	08/06/2010 0426	1.0
4-Chloroaniline	0.65	U	ug/L	0.65	8270C	08/02/2010 1500	08/06/2010 0426	1.0
4-Chloro-3-methylphenol	1.1	U	ug/L	1.1	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2-Chloronaphthalene	0.57	U	ug/L	0.57	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2-Chlorophenol	0.50	U	ug/L	0.50	8270C	08/02/2010 1500	08/06/2010 0426	1.0
4-Chlorophenyl phenyl ether	0.84	U	ug/L	0.84	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Chrysene	0.90	U	ug/L	0.90	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Diallate	0.44	U	ug/L	0.44	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Dibenz(a,h)anthracene	1.5	I	ug/L	1.1	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Dibenzofuran	0.76	U	ug/L	0.76	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Di-n-butyl phthalate	1.6	U	ug/L	1.6	8270C	08/02/2010 1500	08/06/2010 0426	1.0
1,2-Dichlorobenzene	0.42	U	ug/L	0.42	8270C	08/02/2010 1500	08/06/2010 0426	1.0
1,3-Dichlorobenzene	0.40	U	ug/L	0.40	8270C	08/02/2010 1500	08/06/2010 0426	1.0
1,4-Dichlorobenzene	4.2	I	ug/L	0.37	8270C	08/02/2010 1500	08/06/2010 0426	1.0
3,3'-Dichlorobenzidine	0.71	U	ug/L	0.71	8270C	08/02/2010 1500	08/06/2010 0426	1.0

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-3
Client Matrix: Water
Date Sampled: 07/27/2010 1010
Date Received: 07/27/2010 1720

Client Sample ID: Composite of Lift Station & Phase II

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
2,4-Dichlorophenol	0.69	U	ug/L	0.69	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2,6-Dichlorophenol	0.82	U	ug/L	0.82	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Diethyl phthalate	1.3	U	ug/L	1.3	8270C	08/02/2010 1500	08/06/2010 0426	1.0
p-Dimethylamino azobenzene	0.37	U	ug/L	0.37	8270C	08/02/2010 1500	08/06/2010 0426	1.0
7,12-Dimethylbenz(a)anthracene	0.32	U	ug/L	0.32	8270C	08/02/2010 1500	08/06/2010 0426	1.0
3,3'-Dimethylbenzidine	2.9	U	ug/L	2.9	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2,4-Dimethylphenol	1.3	I	ug/L	0.71	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Dimethyl phthalate	1.0	U	ug/L	1.0	8270C	08/02/2010 1500	08/06/2010 0426	1.0
4,6-Dinitro-2-methylphenol	0.91	U	ug/L	0.91	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2,4-Dinitrophenol	3.7	U	ug/L	3.7	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2,4-Dinitrotoluene	1.1	U	ug/L	1.1	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2,6-Dinitrotoluene	0.84	U	ug/L	0.84	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Di-n-octyl phthalate	0.55	U	ug/L	0.55	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Ethyl methanesulfonate	0.88	U	ug/L	0.88	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Fluoranthene	1.4	U	ug/L	1.4	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Fluorene	1.0	U	ug/L	1.0	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Hexachlorobenzene	1.1	U	ug/L	1.1	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Hexachlorobutadiene	0.59	U	ug/L	0.59	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Kepone	1.4	U	ug/L	1.4	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Hexachlorocyclopentadiene	0.20	U	ug/L	0.20	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Hexachloroethane	0.68	U	ug/L	0.68	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Hexachloropropene	0.60	U	ug/L	0.60	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Indeno[1,2,3-cd]pyrene	1.5	I	ug/L	1.2	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Isophorone	0.77	U	ug/L	0.77	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Isosafrole	0.86	U	ug/L	0.86	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Methapyrilene	0.95	U	ug/L	0.95	8270C	08/02/2010 1500	08/06/2010 0426	1.0
3-Methylcholanthrene	0.58	U	ug/L	0.58	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Methyl methanesulfonate	0.59	U	ug/L	0.59	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2-Methylnaphthalene	0.68	U	ug/L	0.68	8270C	08/02/2010 1500	08/06/2010 0426	1.0
1-Methylnaphthalene	0.81	U	ug/L	0.81	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2-Methylphenol	0.74	U	ug/L	0.74	8270C	08/02/2010 1500	08/06/2010 0426	1.0

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-3
Client Matrix: Water
Date Sampled: 07/27/2010 1010
Date Received: 07/27/2010 1720

Client Sample ID: Composite of Lift Station & Phase II

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
3 & 4 Methylphenol	0.72	U	ug/L	0.72	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Naphthalene	2.1	I	ug/L	0.54	8270C	08/02/2010 1500	08/06/2010 0426	1.0
1,4-Naphthoquinone	0.32	U	ug/L	0.32	8270C	08/02/2010 1500	08/06/2010 0426	1.0
1-Naphthylamine	0.59	U	ug/L	0.59	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2-Naphthylamine	0.60	U	ug/L	0.60	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2-Nitroaniline	0.80	U	ug/L	0.80	8270C	08/02/2010 1500	08/06/2010 0426	1.0
3-Nitroaniline	1.3	U	ug/L	1.3	8270C	08/02/2010 1500	08/06/2010 0426	1.0
4-Nitroaniline	1.1	U	ug/L	1.1	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Nitrobenzene	0.60	U	ug/L	0.60	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2-Nitrophenol	0.55	U	ug/L	0.55	8270C	08/02/2010 1500	08/06/2010 0426	1.0
4-Nitrophenol	1.2	U	ug/L	1.2	8270C	08/02/2010 1500	08/06/2010 0426	1.0
N-Nitrosodi-n-butylamine	0.63	U	ug/L	0.63	8270C	08/02/2010 1500	08/06/2010 0426	1.0
N-Nitrosodiethylamine	0.95	U	ug/L	0.95	8270C	08/02/2010 1500	08/06/2010 0426	1.0
N-Nitrosodimethylamine	3.0	U	ug/L	3.0	8270C	08/02/2010 1500	08/06/2010 0426	1.0
N-Nitrosodi-n-propylamine	0.78	U	ug/L	0.78	8270C	08/02/2010 1500	08/06/2010 0426	1.0
N-Nitrosodiphenylamine	1.0	U	ug/L	1.0	8270C	08/02/2010 1500	08/06/2010 0426	1.0
N-Nitrosomethylethylamine	1.1	U	ug/L	1.1	8270C	08/02/2010 1500	08/06/2010 0426	1.0
N-Nitrosopiperidine	0.95	U	ug/L	0.95	8270C	08/02/2010 1500	08/06/2010 0426	1.0
N-Nitrosopyrrolidine	0.67	U	ug/L	0.67	8270C	08/02/2010 1500	08/06/2010 0426	1.0
N-Nitro-o-toluidine	0.70	U	ug/L	0.70	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Pentachlorobenzene	0.95	U	ug/L	0.95	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Pentachloronitrobenzene	0.51	U	ug/L	0.51	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Pentachlorophenol	1.0	U	ug/L	1.0	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Phenacetin	0.50	U	ug/L	0.50	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Phenanthrene	1.4	U	ug/L	1.4	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Phenol	0.66	U	ug/L	0.66	8270C	08/02/2010 1500	08/06/2010 0426	1.0
p-Phenylene diamine	480	U	ug/L	480	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Pronamide	0.33	U	ug/L	0.33	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Pyrene	0.95	U	ug/L	0.95	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Safrole, Total	1.0	U	ug/L	1.0	8270C	08/02/2010 1500	08/06/2010 0426	1.0
1,2,4,5-Tetrachlorobenzene	0.86	U	ug/L	0.86	8270C	08/02/2010 1500	08/06/2010 0426	1.0

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-3
Client Matrix: Water
Date Sampled: 07/27/2010 1010
Date Received: 07/27/2010 1720

Client Sample ID: Composite of Lift Station & Phase II

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
2,3,4,6-Tetrachlorophenol	3.6	U	ug/L	3.6	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2-Toluidine	0.61	U	ug/L	0.61	8270C	08/02/2010 1500	08/06/2010 0426	1.0
1,2,4-Trichlorobenzene	0.49	U	ug/L	0.49	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2,4,5-Trichlorophenol	1.0	U	ug/L	1.0	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2,4,6-Trichlorophenol	0.89	U	ug/L	0.89	8270C	08/02/2010 1500	08/06/2010 0426	1.0
o,o',o''-Triethylphosphorothioate	0.76	U	ug/L	0.76	8270C	08/02/2010 1500	08/06/2010 0426	1.0
1,3,5-Trinitrobenzene	0.55	U	ug/L	0.55	8270C	08/02/2010 1500	08/06/2010 0426	1.0
1,3-Dinitrobenzene	1.6	U	ug/L	1.6	8270C	08/02/2010 1500	08/06/2010 0426	1.0
2,2'-oxybis[1-chloropropane]	0.68	U	ug/L	0.68	8270C	08/02/2010 1500	08/06/2010 0426	1.0
Surrogate						Acceptance Limits		
Nitrobenzene-d5	79		%		8270C	39 - 123		
2-Fluorobiphenyl	73		%		8270C	31 - 113		
Terphenyl-d14	24		%		8270C	10 - 138		
Phenol-d5	59		%		8270C	23 - 123		
2-Fluorophenol	55		%		8270C	27 - 111		
2,4,6-Tribromophenol	89		%		8270C	42 - 128		
GC SEMI VOA								
4,4'-DDD	0.0039	U J3	ug/L	0.0039	8081A	07/29/2010 1724	08/03/2010 0435	1.0
4,4'-DDE	0.0052	U J3	ug/L	0.0052	8081A	07/29/2010 1724	08/03/2010 0435	1.0
4,4'-DDT	0.0030	U J3	ug/L	0.0030	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Aldrin	0.0017	U	ug/L	0.0017	8081A	07/29/2010 1724	08/03/2010 0435	1.0
alpha-BHC	0.0027	U	ug/L	0.0027	8081A	07/29/2010 1724	08/03/2010 0435	1.0
alpha-Chlordane	0.0032	U J3	ug/L	0.0032	8081A	07/29/2010 1724	08/03/2010 0435	1.0
beta-BHC	0.0025	U	ug/L	0.0025	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Chlordane (technical)	0.054	U	ug/L	0.054	8081A	07/29/2010 1724	08/03/2010 0435	1.0
delta-BHC	0.0026	U	ug/L	0.0026	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Dieldrin	0.0013	U	ug/L	0.0013	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Endosulfan I	0.0033	U	ug/L	0.0033	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Endosulfan II	0.0031	U	ug/L	0.0031	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Endosulfan sulfate	0.0028	U	ug/L	0.0028	8081A	07/29/2010 1724	08/03/2010 0435	1.0

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-3
Client Matrix: Water
Date Sampled: 07/27/2010 1010
Date Received: 07/27/2010 1720

Client Sample ID: Composite of Lift Station & Phase II

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC SEMI VOA								
Endrin	0.0030	U	ug/L	0.0030	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Endrin aldehyde	0.0030	U	ug/L	0.0030	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Chlorobenzilate - RA	0.071	U	ug/L	0.071	8081A	07/29/2010 1724	08/20/2010 0033	1.0
gamma-BHC (Lindane)	0.0025	U	ug/L	0.0025	8081A	07/29/2010 1724	08/03/2010 0435	1.0
gamma-Chlordane	0.0034	U J3	ug/L	0.0034	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Heptachlor	0.0029	U	ug/L	0.0029	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Heptachlor epoxide	0.0030	U	ug/L	0.0030	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Isodrin - RA	0.0058	U	ug/L	0.0058	8081A	07/29/2010 1724	08/20/2010 0033	1.0
Methoxychlor	0.0048	U	ug/L	0.0048	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Toxaphene	0.69	U	ug/L	0.69	8081A	07/29/2010 1724	08/03/2010 0435	1.0
Surrogate						Acceptance Limits		
DCB Decachlorobiphenyl	46		%		8081A	30 - 150		
Tetrachloro-m-xylene	56		%		8081A	30 - 150		
PCB-1016	0.25	U J3	ug/L	0.25	8082	07/29/2010 1724	08/09/2010 1804	1.0
PCB-1221	0.14	U	ug/L	0.14	8082	07/29/2010 1724	08/09/2010 1804	1.0
PCB-1232	0.36	U	ug/L	0.36	8082	07/29/2010 1724	08/09/2010 1804	1.0
PCB-1242	0.22	U	ug/L	0.22	8082	07/29/2010 1724	08/09/2010 1804	1.0
PCB-1248	0.12	U	ug/L	0.12	8082	07/29/2010 1724	08/09/2010 1804	1.0
PCB-1254	0.11	U	ug/L	0.11	8082	07/29/2010 1724	08/09/2010 1804	1.0
PCB-1260	0.30	U J3	ug/L	0.30	8082	07/29/2010 1724	08/09/2010 1804	1.0
Surrogate						Acceptance Limits		
DCB Decachlorobiphenyl	55		%		8082	30 - 150		
Tetrachloro-m-xylene	81		%		8082	30 - 150		
Disulfoton	0.11	U	ug/L	0.11	8141A	08/02/2010 1500	08/06/2010 1311	1.0
Methyl parathion	0.11	U	ug/L	0.11	8141A	08/02/2010 1500	08/06/2010 1311	1.0
Parathion	0.075	U	ug/L	0.075	8141A	08/02/2010 1500	08/06/2010 1311	1.0
Famphur	0.10	U	ug/L	0.10	8141A	08/02/2010 1500	08/06/2010 1311	1.0
Phorate	0.15	U	ug/L	0.15	8141A	08/02/2010 1500	08/06/2010 1311	1.0
Thionazin	0.058	U	ug/L	0.058	8141A	08/02/2010 1500	08/06/2010 1311	1.0

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-3
Client Matrix: Water
Date Sampled: 07/27/2010 1010
Date Received: 07/27/2010 1720

Client Sample ID: Composite of Lift Station & Phase II

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC SEMI VOA								
Dimethoate	0.30	U	ug/L	0.30	8141A	08/02/2010 1500	08/06/2010 1311	1.0
Surrogate						Acceptance Limits		
Triphenylphosphate (TPP)	93		%		8141A	37 - 139		
2,4,5-T	0.061	U	ug/L	0.061	8151A	07/30/2010 0815	08/02/2010 1756	1.0
2,4-D	0.24	I	ug/L	0.036	8151A	07/30/2010 0815	08/02/2010 1756	1.0
Dinoseb	0.16	U	ug/L	0.16	8151A	07/30/2010 0815	08/02/2010 1756	1.0
Silvex (2,4,5-TP)	0.061	U	ug/L	0.061	8151A	07/30/2010 0815	08/02/2010 1756	1.0
Surrogate						Acceptance Limits		
2,4-Dichlorophenylacetic acid	123	J1	%		8151A	61 - 120		
METALS								
Antimony	2.3	U	ug/L	2.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Arsenic	10		ug/L	1.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Barium	92		ug/L	1.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Beryllium	0.25	U	ug/L	0.25	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Cadmium	0.14	I	ug/L	0.095	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Cobalt	3.7		ug/L	0.15	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Silver	0.25	U	ug/L	0.25	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Chromium	2.5	U	ug/L	2.5	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Sodium	110		mg/L	0.25	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Copper	6.3		ug/L	1.1	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0

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Job Number: 660-36450-1
Lab Sample Id: 660-36450-3
Client Matrix: Water
Date Sampled: 07/27/2010 1010
Date Received: 07/27/2010 1720

Client Sample ID: Composite of Lift Station & Phase II

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS								
Lead	0.82	I	ug/L	0.20	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Nickel	12		ug/L	2.0	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Selenium	1.0	U	ug/L	1.0	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Iron	11000		ug/L	33	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Thallium	0.50	U	ug/L	0.50	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Tin	1.3	U	ug/L	1.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Vanadium	3.9	I	ug/L	3.8	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Zinc	35		ug/L	8.3	6020A - Total Recoverable	08/04/2010 1529	08/06/2010 1232	1.0
Mercury	0.091	U	ug/L	0.091	7470A	07/30/2010 0841	08/03/2010 1541	1.0
GENERAL CHEMISTRY								
Chloride	160		mg/L	2.0	300.0		08/11/2010 0606	10
Cyanide, Total	0.0025	U	mg/L	0.0025	335.4	07/30/2010 0528	07/30/2010 1034	1.0
Ammonia (as N)	63		mg/L	0.20	350.1		08/02/2010 1142	20
Nitrate as N	4.8		mg/L	0.10	353.2		07/29/2010 0818	1.0
Alkalinity	590		mg/L	1.0	SM 2320B		07/29/2010 1624	1.0
Bicarbonate Alkalinity as CaCO3	590		mg/L	1.0	SM 2320B		07/29/2010 1624	1.0
Total Dissolved Solids	740		mg/L	5.0	SM 2540C		07/29/2010 1445	1.0
Sulfide	3.5		mg/L	1.0	SM 4500 S2 F		08/02/2010 1700	1.0
Biochemical Oxygen Demand	15		mg/L	2.0	SM 5210B		07/28/2010 2117	1.0
Chemical Oxygen Demand	190	J3	mg/L	10	SM 5220D	08/07/2010 1400	08/07/2010 1700	1.0

DATA REPORTING QUALIFIERS

Client: SCS Engineers

Job Number: 660-36450-1

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

DATA REPORTING QUALIFIERS

Client: SCS Engineers

Job Number: 660-36450-1

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

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-97939

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-97939/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1205
Date Prepared: 07/29/2010 1205

Analysis Batch: 660-97939
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG2907.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-97939

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-97939/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1205
Date Prepared: 07/29/2010 1205

Analysis Batch: 660-97939
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG2907.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Styrene	0.98	U	0.98	2.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	70 - 130
Dibromofluoromethane	98	70 - 130
Toluene-d8 (Surr)	99	70 - 130

Client: SCS Engineers

Job Number: 660-36450-1

Lab Control Sample - Batch: 660-97939

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-97939/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1058
Date Prepared: 07/29/2010 1058

Analysis Batch: 660-97939
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG2904.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetonitrile	400	342	85	70 - 130	
Acetone	40.0	46.6	117	62 - 142	
Acrolein	100	179	179	54 - 145	J3
Acrylonitrile	40.0	39.6	99	59 - 146	
Benzene	20.0	18.0	90	68 - 134	
Dichlorobromomethane	20.0	18.1	90	70 - 130	
Bromoform	20.0	16.0	80	65 - 130	
Bromomethane	20.0	17.9	90	22 - 150	
2-Butanone (MEK)	40.0	42.0	105	63 - 140	
Carbon disulfide	40.0	37.2	93	30 - 150	
Carbon tetrachloride	20.0	15.2	76	61 - 134	
Chlorobenzene	20.0	18.5	93	70 - 130	
Chlorobromomethane	20.0	16.7	84	65 - 130	
Chloroethane	20.0	26.5	132	39 - 150	
Chloroform	20.0	16.9	84	68 - 130	
Chloromethane	20.0	20.9	105	35 - 150	
3-Chloro-1-propene	40.0	34.6	87	70 - 130	
2-Chloro-1,3-butadiene	20.0	18.7	93	70 - 130	
Chlorodibromomethane	20.0	17.1	86	70 - 130	
Dibromomethane	20.0	19.3	97	70 - 130	
trans-1,4-Dichloro-2-butene	40.0	37.7	94	70 - 130	
Dichlorodifluoromethane	20.0	17.8	89	16 - 149	
1,1-Dichloroethane	20.0	15.8	79	66 - 130	
1,2-Dichloroethane	20.0	18.2	91	70 - 130	
1,1-Dichloroethene	20.0	14.4	72	51 - 150	
cis-1,2-Dichloroethene	20.0	17.5	87	66 - 130	
trans-1,2-Dichloroethene	20.0	16.9	84	62 - 139	
1,2-Dichloropropane	20.0	18.7	94	70 - 130	
1,3-Dichloropropane	20.0	19.8	99	70 - 130	
2,2-Dichloropropane	20.0	17.9	90	55 - 134	
1,1-Dichloropropene	20.0	18.0	90	65 - 136	
cis-1,3-Dichloropropene	20.0	17.6	88	70 - 130	
trans-1,3-Dichloropropene	20.0	17.4	87	67 - 130	
Ethylbenzene	20.0	19.2	96	70 - 130	
Ethyl methacrylate	40.0	37.4	94	70 - 130	
2-Hexanone	40.0	44.0	110	60 - 148	
Iodomethane	40.0	36.2	90	70 - 130	
Isobutyl alcohol	400	369	92	70 - 130	
Methacrylonitrile	40.0	37.6	94	70 - 130	I
4-Methyl-2-pentanone (MIBK)	40.0	41.6	104	64 - 137	
Methylene Chloride	20.0	15.7	79	57 - 130	
Methyl methacrylate	40.0	37.3	93	70 - 130	
Propionitrile	40.0	37.9	95	70 - 130	I

Client: SCS Engineers

Job Number: 660-36450-1

Lab Control Sample - Batch: 660-97939

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-97939/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1058
Date Prepared: 07/29/2010 1058

Analysis Batch: 660-97939
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG2904.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	20.0	19.0	95	68 - 131	
1,1,2,2-Tetrachloroethane	20.0	18.9	94	70 - 130	
1,1,1,2-Tetrachloroethane	20.0	17.0	85	70 - 130	
Tetrachloroethene	20.0	21.0	105	50 - 143	
Toluene	20.0	18.4	92	70 - 131	
1,1,1-Trichloroethane	20.0	17.5	88	63 - 132	
1,1,2-Trichloroethane	20.0	18.9	94	70 - 130	
Trichloroethene	20.0	23.1	115	63 - 139	
Trichlorofluoromethane	20.0	19.6	98	62 - 146	
1,2,3-Trichloropropane	20.0	20.2	101	66 - 130	
Vinyl acetate	20.0	15.4	77	31 - 146	
Vinyl chloride	20.0	20.2	101	48 - 147	
Xylenes, Total	60.0	57.0	95	68 - 130	

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike - Batch: 660-97939

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36367-A-12 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1601
Date Prepared: 07/29/2010 1601

Analysis Batch: 660-97939
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG2916.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Acetonitrile	20	U	400	314	79	70 - 130	
Acetone	9.9	U	40.0	40.1	100	62 - 142	
Acrolein	3.8	U	100	155	155	54 - 145	J3
Acrylonitrile	1.2	U	40.0	36.3	91	59 - 146	
Benzene	2.6		20.0	22.2	98	68 - 134	
Dichlorobromomethane	0.35	U	20.0	16.7	84	70 - 130	
Bromoform	0.58	U	20.0	8.98	45	65 - 130	J3
Bromomethane	2.5	U	20.0	15.8	79	22 - 150	
2-Butanone (MEK)	8.4	U	40.0	36.8	92	63 - 140	
Carbon disulfide	1.0		40.0	41.2	101	30 - 150	
Carbon tetrachloride	0.42	U	20.0	13.7	69	61 - 134	
Chlorobenzene	0.63	U	20.0	19.0	95	70 - 130	
Chlorobromomethane	0.58	U	20.0	17.3	87	65 - 130	
Chloroethane	2.5	U	20.0	36.9	184	39 - 150	J3
Chloroform	0.90	U	20.0	19.5	98	68 - 130	
Chloromethane	1.0	U	20.0	23.6	118	35 - 150	
3-Chloro-1-propene	2.5	U	40.0	58.4	146	70 - 130	J3
2-Chloro-1,3-butadiene	2.5	U	20.0	21.1	105	70 - 130	
Chlorodibromomethane	0.34	U	20.0	11.7	58	70 - 130	J3
Dibromomethane	0.41	U	20.0	18.9	94	70 - 130	
trans-1,4-Dichloro-2-butene	2.5	U	40.0	30.5	76	70 - 130	
Dichlorodifluoromethane	2.5	U	20.0	19.5	98	16 - 149	
1,1-Dichloroethane	0.52	U	20.0	17.9	89	66 - 130	
1,2-Dichloroethane	0.57	U	20.0	18.9	94	70 - 130	
1,1-Dichloroethene	0.45	U	20.0	20.6	103	51 - 150	
cis-1,2-Dichloroethene	0.65	U	20.0	19.1	96	66 - 130	
trans-1,2-Dichloroethene	0.44	U	20.0	17.7	89	62 - 139	
1,2-Dichloropropane	0.52	U	20.0	19.4	97	70 - 130	
1,3-Dichloropropane	0.39	U	20.0	19.7	99	70 - 130	
2,2-Dichloropropane	0.36	U	20.0	17.5	87	55 - 134	
1,1-Dichloropropene	0.31	U	20.0	19.8	99	65 - 136	
cis-1,3-Dichloropropene	0.14	U	20.0	14.6	73	70 - 130	
trans-1,3-Dichloropropene	0.14	U	20.0	14.3	71	67 - 130	
Ethylbenzene	0.44	U	20.0	19.4	97	70 - 130	
Ethyl methacrylate	2.5	U	40.0	36.4	91	70 - 130	
2-Hexanone	4.4	U	40.0	37.6	94	60 - 148	
Iodomethane	2.5	U	40.0	38.4	96	70 - 130	
Isobutyl alcohol	31	U	400	347	87	70 - 130	

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike - Batch: 660-97939

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36367-A-12 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1601
Date Prepared: 07/29/2010 1601

Analysis Batch: 660-97939
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG2916.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Methacrylonitrile	1.8	U	40.0	44.9	112	70 - 130	I
4-Methyl-2-pentanone (MIBK)	3.8	U	40.0	37.6	94	64 - 137	
Methylene Chloride	4.0	U	20.0	15.5	78	57 - 130	
Methyl methacrylate	2.5	U	40.0	36.1	90	70 - 130	
Propionitrile	7.2	U	40.0	36.1	90	70 - 130	I
Styrene	0.98	U	20.0	17.7	89	68 - 131	
1,1,2,2-Tetrachloroethane	0.15	U	20.0	17.5	87	70 - 130	
1,1,1,2-Tetrachloroethane	0.63	U	20.0	10.6	53	70 - 130	J3
Tetrachloroethene	0.50	U	20.0	20.0	100	50 - 143	
Toluene	0.51	U	20.0	19.6	98	70 - 131	
1,1,1-Trichloroethane	0.46	U	20.0	18.0	90	63 - 132	
1,1,2-Trichloroethane	0.47	U	20.0	19.5	98	70 - 130	
Trichloroethene	0.50	U	20.0	32.2	161	63 - 139	J3
Trichlorofluoromethane	2.5	U	20.0	21.6	108	62 - 146	
1,2,3-Trichloropropane	0.18	U	20.0	21.4	107	66 - 130	
Vinyl acetate	1.5	U	20.0	15.1	76	31 - 146	
Vinyl chloride	0.50	U	20.0	21.8	109	48 - 147	
Xylenes, Total	0.50	U	60.0	57.2	95	68 - 130	

Client: SCS Engineers

Job Number: 660-36450-1

Duplicate - Batch: 660-97939

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36367-A-8 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1409
Date Prepared: 07/29/2010 1409

Analysis Batch: 660-97939
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG2911.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetonitrile	20	U	20	NC	30	U
Acetone	9.9	U	9.9	NC	30	U
Acrolein	3.8	U	3.8	NC	30	U J3
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Dichlorobromomethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U
Carbon disulfide	1.1		0.875	20	30	I
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chlorobromomethane	0.58	U	0.58	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
3-Chloro-1-propene	2.5	U	2.5	NC	30	U
2-Chloro-1,3-butadiene	2.5	U	2.5	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
Dichlorodifluoromethane	2.5	U	2.5	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30	U
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
1,3-Dichloropropane	0.39	U	0.39	NC	30	U
2,2-Dichloropropane	0.36	U	0.36	NC	30	U
1,1-Dichloropropene	0.31	U	0.31	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
Ethyl methacrylate	2.5	U	2.5	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Isobutyl alcohol	31	U	31	NC	30	U
Methacrylonitrile	1.8	U	1.8	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U

Client: SCS Engineers

Job Number: 660-36450-1

Duplicate - Batch: 660-97939

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-36367-A-8 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1409
Date Prepared: 07/29/2010 1409

Analysis Batch: 660-97939
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GG2911.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Methylene Chloride	4.0	U	4.0	NC	30	U
Methyl methacrylate	2.5	U	2.5	NC	30	U
Propionitrile	7.2	U	7.2	NC	30	U
Styrene	0.98	U	0.98	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U
Trichloroethene	0.50	U	0.50	NC	30	U
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	93	70 - 130
Dibromofluoromethane	102	70 - 130
Toluene-d8 (Surr)	99	70 - 130

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 640-71478

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 640-71478/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 0301
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71672
Prep Batch: 640-71478
Units: ug/L

Instrument ID: SMA
Lab File ID: A0080530.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Acenaphthene	0.70	U	0.70	10
Acenaphthylene	0.85	U	0.85	10
Acetophenone	0.80	U	0.80	10
2-Acetylaminofluorene	1.0	U	1.0	10
4-Aminobiphenyl	0.58	U	0.58	10
Anthracene	1.3	U	1.3	10
Benzo[a]anthracene	0.85	U	0.85	10
Benzo[b]fluoranthene	0.98	U	0.98	10
Benzo[k]fluoranthene	1.1	U	1.1	10
Benzo[g,h,i]perylene	1.4	U	1.4	10
Benzo[a]pyrene	1.0	U	1.0	10
Benzyl alcohol	0.78	U	0.78	10
Bis(2-chloroethoxy)methane	0.72	U	0.72	10
Bis(2-chloroethyl)ether	0.59	U	0.59	10
Bis(2-ethylhexyl) phthalate	0.840	I	0.65	10
4-Bromophenyl phenyl ether	1.3	U	1.3	10
Butyl benzyl phthalate	0.89	U	0.89	10
4-Chloroaniline	0.68	U	0.68	20
4-Chloro-3-methylphenol	1.2	U	1.2	10
2-Chloronaphthalene	0.60	U	0.60	10
2-Chlorophenol	0.52	U	0.52	10
4-Chlorophenyl phenyl ether	0.88	U	0.88	10
Chrysene	0.95	U	0.95	10
Diallate	0.46	U	0.46	10
Dibenz(a,h)anthracene	1.2	U	1.2	10
Dibenzofuran	0.80	U	0.80	10
Di-n-butyl phthalate	1.7	U	1.7	10
1,2-Dichlorobenzene	0.44	U	0.44	10
1,3-Dichlorobenzene	0.42	U	0.42	10
1,4-Dichlorobenzene	0.39	U	0.39	10
3,3'-Dichlorobenzidine	0.75	U	0.75	20
2,4-Dichlorophenol	0.72	U	0.72	10
2,6-Dichlorophenol	0.86	U	0.86	10
Diethyl phthalate	1.4	U	1.4	10
p-Dimethylamino azobenzene	0.39	U	0.39	10
7,12-Dimethylbenz(a)anthracene	0.34	U	0.34	10
3,3'-Dimethylbenzidine	3.0	U	3.0	20
2,4-Dimethylphenol	0.75	U	0.75	10
Dimethyl phthalate	1.1	U	1.1	10
4,6-Dinitro-2-methylphenol	0.96	U	0.96	50
2,4-Dinitrophenol	3.9	U	3.9	50
2,4-Dinitrotoluene	1.2	U	1.2	10
2,6-Dinitrotoluene	0.88	U	0.88	10

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 640-71478

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 640-71478/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 0301
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71672
Prep Batch: 640-71478
Units: ug/L

Instrument ID: SMA
Lab File ID: A0080530.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Di-n-octyl phthalate	0.58	U	0.58	10
Ethyl methanesulfonate	0.92	U	0.92	10
Fluoranthene	1.5	U	1.5	10
Fluorene	1.1	U	1.1	10
Hexachlorobenzene	1.2	U	1.2	10
Hexachlorobutadiene	0.62	U	0.62	10
Kepone	1.5	U	1.5	10
Hexachlorocyclopentadiene	0.21	U	0.21	10
Hexachloroethane	0.71	U	0.71	10
Hexachloropropene	0.63	U	0.63	10
Indeno[1,2,3-cd]pyrene	1.3	U	1.3	10
Isophorone	0.81	U	0.81	10
Isosafrole	0.90	U	0.90	10
Methapyrilene	1.0	U	1.0	2000
3-Methylcholanthrene	0.61	U	0.61	10
Methyl methanesulfonate	0.62	U	0.62	10
2-Methylnaphthalene	0.71	U	0.71	10
1-Methylnaphthalene	0.85	U	0.85	10
2-Methylphenol	0.78	U	0.78	10
3 & 4 Methylphenol	0.76	U	0.76	10
Naphthalene	0.57	U	0.57	10
1,4-Naphthoquinone	0.34	U	0.34	10
1-Naphthylamine	0.62	U	0.62	10
2-Naphthylamine	0.63	U	0.63	10
2-Nitroaniline	0.84	U	0.84	50
3-Nitroaniline	1.4	U	1.4	50
4-Nitroaniline	1.2	U	1.2	50
Nitrobenzene	0.63	U	0.63	10
2-Nitrophenol	0.58	U	0.58	10
4-Nitrophenol	1.3	U	1.3	50
N-Nitrosodi-n-butylamine	0.66	U	0.66	10
N-Nitrosodiethylamine	1.0	U	1.0	10
N-Nitrosodimethylamine	3.1	U	3.1	10
N-Nitrosodi-n-propylamine	0.82	U	0.82	10
N-Nitrosodiphenylamine	1.1	U	1.1	10
N-Nitrosomethylethylamine	1.2	U	1.2	10
N-Nitrosopiperidine	1.0	U	1.0	10
N-Nitrosopyrrolidine	0.70	U	0.70	10
N-Nitro-o-toluidine	0.74	U	0.74	10
Pentachlorobenzene	1.0	U	1.0	10
Pentachloronitrobenzene	0.54	U	0.54	10
Pentachlorophenol	1.1	U	1.1	50
Phenacetin	0.53	U	0.53	10

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 640-71478

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 640-71478/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 0301
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71672
Prep Batch: 640-71478
Units: ug/L

Instrument ID: SMA
Lab File ID: A0080530.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Phenanthrene	1.5	U	1.5	10
Phenol	0.69	U	0.69	10
p-Phenylene diamine	500	U	500	2000
Pronamide	0.35	U	0.35	10
Pyrene	1.0	U	1.0	10
Safrole, Total	1.1	U	1.1	10
1,2,4,5-Tetrachlorobenzene	0.90	U	0.90	10
2,3,4,6-Tetrachlorophenol	3.8	U	3.8	10
2-Toluidine	0.64	U	0.64	10
1,2,4-Trichlorobenzene	0.51	U	0.51	10
2,4,5-Trichlorophenol	1.1	U	1.1	10
2,4,6-Trichlorophenol	0.93	U	0.93	10
o,o',o"-Triethylphosphorothioate	0.80	U	0.80	10
1,3,5-Trinitrobenzene	0.58	U	0.58	10
1,3-Dinitrobenzene	1.7	U	1.7	50
2,2'-oxybis[1-chloropropane]	0.71	U	0.71	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	81	39 - 123
2-Fluorobiphenyl	82	31 - 113
Terphenyl-d14	100	10 - 138
Phenol-d5	44	23 - 123
2-Fluorophenol	32	27 - 111
2,4,6-Tribromophenol	70	42 - 128

Client: SCS Engineers

Job Number: 660-36450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-71478

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID: LCS 640-71478/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 0329
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71672
Prep Batch: 640-71478
Units: ug/L

Instrument ID: SMA
Lab File ID: A0080531.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 640-71478/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 0357
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71672
Prep Batch: 640-71478
Units: ug/L

Instrument ID: SMA
Lab File ID: A0080532.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acenaphthene	78	83	50 - 108	6	40		
Acenaphthylene	80	85	48 - 110	6	40		
Anthracene	89	93	66 - 106	4	40		
Benzo[a]anthracene	94	94	61 - 110	0	40		
Benzo[b]fluoranthene	92	94	64 - 114	2	40		
Benzo[k]fluoranthene	92	94	64 - 115	2	40		
Benzo[g,h,i]perylene	99	102	52 - 117	2	40		
Benzo[a]pyrene	82	85	62 - 108	3	40		
Benzyl alcohol	84	87	46 - 114	4	40		
Bis(2-chloroethoxy)methane	87	90	56 - 116	3	40		
Bis(2-chloroethyl)ether	83	81	45 - 110	2	40		
Bis(2-ethylhexyl) phthalate	95	98	59 - 124	3	40		
4-Bromophenyl phenyl ether	90	96	54 - 100	6	40		
Butyl benzyl phthalate	95	97	54 - 134	2	40		
4-Chloroaniline	75	76	10 - 100	2	100		
4-Chloro-3-methylphenol	75	96	50 - 115	24	40		
2-Chloronaphthalene	71	75	41 - 108	6	40		
2-Chlorophenol	52	76	47 - 109	36	40		
4-Chlorophenyl phenyl ether	85	91	52 - 105	6	40		
Chrysene	93	93	64 - 119	0	40		
Dibenz(a,h)anthracene	100	100	54 - 116	0	40		
Dibenzofuran	81	87	54 - 108	6	40		
Di-n-butyl phthalate	94	98	71 - 108	4	40		
1,2-Dichlorobenzene	54	49	20 - 100	10	40		
1,3-Dichlorobenzene	50	43	16 - 100	14	40		
1,4-Dichlorobenzene	51	45	17 - 100	13	40		
2,4-Dichlorophenol	63	86	50 - 120	31	40		
Diethyl phthalate	94	95	58 - 115	0	40		
2,4-Dimethylphenol	66	71	22 - 100	7	40		
Dimethyl phthalate	96	96	62 - 110	0	40		
4,6-Dinitro-2-methylphenol	89	95	28 - 133	7	40	I	I
2,4-Dinitrophenol	83	89	10 - 162	7	40	I	I
2,4-Dinitrotoluene	95	99	64 - 118	4	40		

Client: SCS Engineers

Job Number: 660-36450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-71478

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID: LCS 640-71478/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 0329
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71672
Prep Batch: 640-71478
Units: ug/L

Instrument ID: SMA
Lab File ID: A0080531.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 640-71478/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 0357
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71672
Prep Batch: 640-71478
Units: ug/L

Instrument ID: SMA
Lab File ID: A0080532.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,6-Dinitrotoluene	98	100	62 - 113	2	40		
Di-n-octyl phthalate	94	95	57 - 128	1	40		
Fluoranthene	92	94	70 - 113	2	40		
Fluorene	85	90	56 - 110	6	40		
Hexachlorobenzene	92	95	60 - 106	4	40		
Hexachlorobutadiene	43	34	14 - 100	22	40		
Hexachlorocyclopentadiene	16	15	10 - 100	4	100	I	I
Hexachloroethane	43	33	12 - 100	25	40		
Indeno[1,2,3-cd]pyrene	93	95	43 - 122	3	40		
Isophorone	90	93	56 - 113	3	40		
2-Methylnaphthalene	64	68	37 - 104	7	40		
1-Methylnaphthalene	69	71	35 - 106	4	40		
2-Methylphenol	63	81	46 - 111	24	40		
3 & 4 Methylphenol	59	75	30 - 135	23	40		
Naphthalene	68	67	31 - 104	1	40		
2-Nitroaniline	91	92	59 - 117	2	40	I	I
3-Nitroaniline	86	88	43 - 118	2	40	I	I
4-Nitroaniline	94	98	48 - 112	3	40	I	I
Nitrobenzene	86	87	52 - 119	1	40		
2-Nitrophenol	59	82	50 - 111	32	40		
4-Nitrophenol	84	90	44 - 126	7	40	I	I
N-Nitrosodimethylamine	68	76	43 - 104	11	40		
N-Nitrosodi-n-propylamine	89	90	52 - 115	1	40		
N-Nitrosodiphenylamine	95	96	59 - 101	1	40		
Pentachlorophenol	83	94	26 - 123	13	40	I	I
Phenanthrene	92	96	65 - 107	4	40		
Phenol	56	80	47 - 104	35	40		
Pyrene	97	97	49 - 132	0	40		
2,3,4,6-Tetrachlorophenol	89	104	45 - 135	15	40		
1,2,4-Trichlorobenzene	53	50	22 - 100	7	40		
2,4,5-Trichlorophenol	72	89	49 - 114	21	40		
2,4,6-Trichlorophenol	69	88	50 - 113	24	40		
1,3-Dinitrobenzene	102	103	45 - 135	2	40		

Client: SCS Engineers

Job Number: 660-36450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-71478

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID: LCS 640-71478/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 0329
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71672
Prep Batch: 640-71478
Units: ug/L

Instrument ID: SMA
Lab File ID: A0080531.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 640-71478/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 0357
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71672
Prep Batch: 640-71478
Units: ug/L

Instrument ID: SMA
Lab File ID: A0080532.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,2'-oxybis[1-chloropropane]	81	80	46 - 120	1	40		

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-71478

Method: 8270C
Preparation: 3520C

MS Lab Sample ID:	640-29157-G-1-A MS	Analysis Batch: 640-71672	Instrument ID: SMA
Client Matrix:	Water	Prep Batch: 640-71478	Lab File ID: A0080534.D
Dilution:	1.0		Initial Weight/Volume: 1060 mL
Date Analyzed:	08/06/2010 0453		Final Weight/Volume: 1.0 mL
Date Prepared:	08/02/2010 1500		Injection Volume: 1 uL

MSD Lab Sample ID:	640-29157-F-1-A MSD	Analysis Batch: 640-71672	Instrument ID: SMA
Client Matrix:	Water	Prep Batch: 640-71478	Lab File ID: A0080535.D
Dilution:	1.0		Initial Weight/Volume: 1060 mL
Date Analyzed:	08/06/2010 0521		Final Weight/Volume: 1.0 mL
Date Prepared:	08/02/2010 1500		Injection Volume: 1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	91	92	43 - 135	1	40		
Acenaphthylene	92	91	45 - 135	1	40		
Anthracene	97	101	45 - 135	3	40		
Benzo[a]anthracene	100	102	45 - 135	2	40		
Benzo[b]fluoranthene	99	103	45 - 135	4	40		
Benzo[k]fluoranthene	98	105	45 - 135	7	40		
Benzo[g,h,i]perylene	101	98	45 - 135	3	40		
Benzo[a]pyrene	89	93	45 - 135	5	40		
Benzyl alcohol	96	90	32 - 135	6	40		
Bis(2-chloroethoxy)methane	97	97	45 - 135	0	40		
Bis(2-chloroethyl)ether	89	88	45 - 135	1	40		
Bis(2-ethylhexyl) phthalate	104	106	41 - 135	3	40		
4-Bromophenyl phenyl ether	102	103	39 - 135	2	40		
Butyl benzyl phthalate	104	107	45 - 135	2	40		
4-Chloroaniline	64	65	10 - 135	3	100		
4-Chloro-3-methylphenol	101	83	42 - 135	20	40		
2-Chloronaphthalene	80	82	45 - 135	2	40		
2-Chlorophenol	83	61	38 - 135	31	40		
4-Chlorophenyl phenyl ether	97	96	45 - 135	0	40		
Chrysene	100	103	45 - 135	2	40		
Dibenz(a,h)anthracene	104	102	45 - 135	2	40		
Dibenzofuran	94	94	45 - 135	1	40		
Di-n-butyl phthalate	106	109	45 - 135	2	40		
1,2-Dichlorobenzene	57	54	34 - 135	5	40		
1,3-Dichlorobenzene	51	50	28 - 135	3	40		
1,4-Dichlorobenzene	52	52	27 - 135	1	40		
2,4-Dichlorophenol	94	76	45 - 135	22	40		
Diethyl phthalate	102	104	45 - 135	1	40		
2,4-Dimethylphenol	68	63	28 - 135	8	40		
Dimethyl phthalate	101	102	45 - 135	1	40		

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-71478

Method: 8270C
Preparation: 3520C

MS Lab Sample ID:	640-29157-G-1-A MS	Analysis Batch: 640-71672	Instrument ID: SMA
Client Matrix:	Water	Prep Batch: 640-71478	Lab File ID: A0080534.D
Dilution:	1.0		Initial Weight/Volume: 1060 mL
Date Analyzed:	08/06/2010 0453		Final Weight/Volume: 1.0 mL
Date Prepared:	08/02/2010 1500		Injection Volume: 1 uL

MSD Lab Sample ID:	640-29157-F-1-A MSD	Analysis Batch: 640-71672	Instrument ID: SMA
Client Matrix:	Water	Prep Batch: 640-71478	Lab File ID: A0080535.D
Dilution:	1.0		Initial Weight/Volume: 1060 mL
Date Analyzed:	08/06/2010 0521		Final Weight/Volume: 1.0 mL
Date Prepared:	08/02/2010 1500		Injection Volume: 1 uL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,6-Dinitro-2-methylphenol	105	102	33 - 135	3	40		
2,4-Dinitrophenol	104	90	13 - 135	14	40		I
2,4-Dinitrotoluene	106	104	38 - 135	2	40		
2,6-Dinitrotoluene	103	105	45 - 135	2	40		
Di-n-octyl phthalate	105	107	45 - 135	2	40		
Fluoranthene	102	104	45 - 135	2	40		
Fluorene	97	98	45 - 135	0	40		
Hexachlorobenzene	103	105	45 - 135	2	40		
Hexachlorobutadiene	45	45	27 - 135	1	40		
Hexachlorocyclopentadiene	22	22	0 - 135	3	100		
Hexachloroethane	46	43	26 - 135	8	40		
Indeno[1,2,3-cd]pyrene	98	97	45 - 135	1	40		
Isophorone	98	100	39 - 135	2	40		
2-Methylnaphthalene	129	123	43 - 135	3	40		
1-Methylnaphthalene	120	115	45 - 135	3	40		
2-Methylphenol	86	69	34 - 135	22	40		
3 & 4 Methylphenol	81	64	30 - 135	24	40		
Naphthalene	115	107	41 - 135	5	40		
2-Nitroaniline	52	50	28 - 135	4	40	I	I
3-Nitroaniline	69	70	36 - 135	3	40	I	I
4-Nitroaniline	40	41	23 - 135	2	40	I	I
Nitrobenzene	126	134	45 - 135	6	40		
2-Nitrophenol	93	73	42 - 135	24	40		
4-Nitrophenol	103	103	38 - 135	0	40		
N-Nitrosodimethylamine	81	75	45 - 135	8	40		
N-Nitrosodi-n-propylamine	96	95	31 - 135	1	40		
N-Nitrosodiphenylamine	100	102	45 - 135	2	40		
Pentachlorophenol	111	108	24 - 135	3	40		
Phenanthrene	104	107	45 - 135	3	40		
Phenol	91	64	33 - 135	35	40		

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-71478

Method: 8270C
Preparation: 3520C

MS Lab Sample ID:	640-29157-G-1-A MS	Analysis Batch: 640-71672	Instrument ID: SMA
Client Matrix:	Water	Prep Batch: 640-71478	Lab File ID: A0080534.D
Dilution:	1.0		Initial Weight/Volume: 1060 mL
Date Analyzed:	08/06/2010 0453		Final Weight/Volume: 1.0 mL
Date Prepared:	08/02/2010 1500		Injection Volume: 1 uL

MSD Lab Sample ID:	640-29157-F-1-A MSD	Analysis Batch: 640-71672	Instrument ID: SMA
Client Matrix:	Water	Prep Batch: 640-71478	Lab File ID: A0080535.D
Dilution:	1.0		Initial Weight/Volume: 1060 mL
Date Analyzed:	08/06/2010 0521		Final Weight/Volume: 1.0 mL
Date Prepared:	08/02/2010 1500		Injection Volume: 1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Pyrene	102	105	45 - 135	3	40		
2,3,4,6-Tetrachlorophenol	106	95	45 - 135	11	40		
1,2,4-Trichlorobenzene	59	59	28 - 135	1	40		
2,4,5-Trichlorophenol	94	86	45 - 135	8	40		
2,4,6-Trichlorophenol	96	82	45 - 135	15	40		
1,3-Dinitrobenzene	113	112	45 - 135	1	40		
2,2'-oxybis[1-chloropropane]	86	85	45 - 135	1	40		

Method Blank - Batch: 660-98100

Method: 8011
Preparation: 8011

Lab Sample ID: MB 660-98100/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 2015
Date Prepared: 08/03/2010 1606

Analysis Batch: 660-98183
Prep Batch: 660-98100
Units: ug/L

Instrument ID: BSGU
Lab File ID: 1H03U013.D
Initial Weight/Volume: 34.8608 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020

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

Lab Control Sample - Batch: 660-98100

Method: 8011
Preparation: 8011

Lab Sample ID: LCS 660-98100/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 2035
Date Prepared: 08/03/2010 1606

Analysis Batch: 660-98183
Prep Batch: 660-98100
Units: ug/L

Instrument ID: BSGU
Lab File ID: 1H03U014.D
Initial Weight/Volume: 34.8641 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.251	0.240	96	60 - 140	
Ethylene Dibromide	0.251	0.239	95	60 - 140	

Matrix Spike - Batch: 660-98100

Method: 8011
Preparation: 8011

Lab Sample ID: 660-36439-X-1-A MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 2117
Date Prepared: 08/03/2010 1606

Analysis Batch: 660-98183
Prep Batch: 660-98100
Units: ug/L

Instrument ID: BSGU
Lab File ID: 1H03U016.D
Initial Weight/Volume: 33.5688 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.010	U	0.261	0.250	96	60 - 140	
Ethylene Dibromide	0.010	U	0.261	0.240	92	60 - 140	

Client: SCS Engineers

Job Number: 660-36450-1

Duplicate - Batch: 660-98100

Method: 8011
Preparation: 8011

Lab Sample ID: 660-36450-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2010 0204
Date Prepared: 08/03/2010 1606

Analysis Batch: 660-98183
Prep Batch: 660-98100
Units: ug/L

Instrument ID: BSGU
Lab File ID: 1H03U030.D
Initial Weight/Volume: 33.1263 g
Final Weight/Volume: 2.0 mL
Injection Volume: 4 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.011	U	0.011	NC	40	U
Ethylene Dibromide	0.011	U	0.011	NC	40	U

Surrogate	% Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	133	60 - 140

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-97906

Method: 8081A
Preparation: 3510C

Lab Sample ID: MB 660-97906/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 0048
Date Prepared: 07/29/2010 1724

Analysis Batch: 660-98850
Prep Batch: 660-97906
Units: ug/L

Instrument ID: BSGJ
Lab File ID: 1H0210J026.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
4,4'-DDD	0.0041	U	0.0041	0.010
4,4'-DDE	0.0055	U	0.0055	0.010
4,4'-DDT	0.0032	U	0.0032	0.010
Aldrin	0.0018	U	0.0018	0.010
alpha-BHC	0.0028	U	0.0028	0.010
alpha-Chlordane	0.0034	U	0.0034	0.050
beta-BHC	0.0027	U	0.0027	0.010
Chlordane (technical)	0.057	U	0.057	0.50
delta-BHC	0.0028	U	0.0028	0.010
Dieldrin	0.0014	U	0.0014	0.010
Endosulfan I	0.0034	U	0.0034	0.010
Endosulfan II	0.0033	U	0.0033	0.010
Endosulfan sulfate	0.0030	U	0.0030	0.010
Endrin	0.0031	U	0.0031	0.010
Endrin aldehyde	0.0032	U	0.0032	0.010
Chlorobenzilate	0.075	U	0.075	0.50
gamma-BHC (Lindane)	0.0026	U	0.0026	0.010
gamma-Chlordane	0.0036	U	0.0036	0.050
Heptachlor	0.0031	U	0.0031	0.010
Heptachlor epoxide	0.0031	U	0.0031	0.010
Isodrin	0.0061	U	0.0061	0.050
Methoxychlor	0.0051	U	0.0051	0.010
Toxaphene	0.72	U	0.72	3.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	30 - 150
Tetrachloro-m-xylene	47	30 - 150

Client: SCS Engineers

Job Number: 660-36450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 660-97906

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID: LCS 660-97906/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 0101
Date Prepared: 07/29/2010 1724

Analysis Batch: 660-98850
Prep Batch: 660-97906
Units: ug/L

Instrument ID: BSGJ
Lab File ID: 1H0210J027.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-97906/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 0115
Date Prepared: 07/29/2010 1724

Analysis Batch: 660-98850
Prep Batch: 660-97906
Units: ug/L

Instrument ID: BSGJ
Lab File ID: 1H0210J028.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
4,4'-DDD	80	83	51 - 130	4	39		
4,4'-DDE	81	86	50 - 130	6	18		
4,4'-DDT	74	75	46 - 130	1	27		
Aldrin	71	76	35 - 130	6	25		
alpha-BHC	77	81	56 - 130	6	30		
alpha-Chlordane	85	89	54 - 130	4	17		
beta-BHC	84	86	52 - 130	3	35		
delta-BHC	74	76	42 - 130	3	41		
Dieldrin	86	89	51 - 130	4	42		
Endosulfan I	87	93	53 - 130	6	24		
Endosulfan II	88	90	54 - 130	2	22		
Endosulfan sulfate	79	80	43 - 130	1	28		
Endrin	82	85	53 - 130	4	25		
Endrin aldehyde	88	88	53 - 130	1	34		
gamma-BHC (Lindane)	77	81	55 - 130	5	26		
gamma-Chlordane	76	78	51 - 130	2	18		
Heptachlor	62	64	38 - 130	3	26		
Heptachlor epoxide	86	90	53 - 130	5	31		
Methoxychlor	81	81	44 - 130	0	43		

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike - Batch: 660-97906

Method: 8081A
Preparation: 3510C

Lab Sample ID: 660-36450-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 0449
Date Prepared: 07/29/2010 1724

Analysis Batch: 660-98850
Prep Batch: 660-97906
Units: ug/L

Instrument ID: BSGJ
Lab File ID: 1H0210J044.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.0039	U	0.476	0.227	48	51 - 130	J3
4,4'-DDE	0.0052	U	0.476	0.182	38	50 - 130	J3
4,4'-DDT	0.0030	U	0.476	0.205	43	46 - 130	J3
Aldrin	0.0017	U	0.476	0.204	43	35 - 130	
alpha-BHC	0.0027	U	0.476	0.304	64	56 - 130	
alpha-Chlordane	0.0032	U	0.476	0.251	53	54 - 130	J3
beta-BHC	0.0025	U	0.476	0.336	71	52 - 130	
delta-BHC	0.0026	U	0.476	0.317	66	42 - 130	
Dieldrin	0.0013	U	0.476	0.314	66	51 - 130	
Endosulfan I	0.0033	U	0.476	0.331	70	53 - 130	
Endosulfan II	0.0031	U	0.476	0.368	77	54 - 130	
Endosulfan sulfate	0.0028	U	0.476	0.381	80	43 - 130	
Endrin	0.0030	U	0.476	0.359	75	53 - 130	
Endrin aldehyde	0.0030	U	0.476	0.253	53	53 - 132	
gamma-BHC (Lindane)	0.0025	U	0.476	0.313	66	55 - 130	
gamma-Chlordane	0.0034	U	0.476	0.212	45	51 - 130	J3
Heptachlor	0.0029	U	0.476	0.277	58	38 - 130	
Heptachlor epoxide	0.0030	U	0.476	0.321	67	53 - 130	
Methoxychlor	0.0048	U	0.476	0.337	71	45 - 130	

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-97906

Method: 8082
Preparation: 3510C

Lab Sample ID: MB 660-97906/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 1113
Date Prepared: 07/29/2010 1724

Analysis Batch: 660-98356
Prep Batch: 660-97906
Units: ug/L

Instrument ID: BSGK
Lab File ID: 1H09K006.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

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

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	30 - 150
Tetrachloro-m-xylene	57	30 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 660-97906

Method: 8082
Preparation: 3510C

LCS Lab Sample ID: LCS 660-97906/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 1126
Date Prepared: 07/29/2010 1724

Analysis Batch: 660-98356
Prep Batch: 660-97906
Units: ug/L

Instrument ID: BSGK
Lab File ID: 1H09K007.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-97906/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 1139
Date Prepared: 07/29/2010 1724

Analysis Batch: 660-98356
Prep Batch: 660-97906
Units: ug/L

Instrument ID: BSGK
Lab File ID: 1H09K008.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	74	78	34 - 130	5	34		
PCB-1260	76	78	45 - 130	2	34		

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike - Batch: 660-97906

Method: 8082
Preparation: 3510C

Lab Sample ID: 660-36450-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 1816
Date Prepared: 07/29/2010 1724

Analysis Batch: 660-98356
Prep Batch: 660-97906
Units: ug/L

Instrument ID: BSGK
Lab File ID: 1H09K029.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	0.25	U	4.76	3.44	72	34 - 130	
PCB-1260	0.30	U	4.76	1.86	39	45 - 130	J3

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 640-71477

Method: 8141A
Preparation: 3520C

Lab Sample ID: MB 640-71477/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/05/2010 1503
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71659
Prep Batch: 640-71477
Units: ug/L

Instrument ID: SGF
Lab File ID: 1H05F12.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
Methyl parathion	0.12	U	0.12	0.50
Parathion	0.080	U	0.080	1.0
Famphur	0.11	U	0.11	2.0
Phorate	0.16	U	0.16	1.0

Surrogate	% Rec	Acceptance Limits
Triphenylphosphate (TPP)	110	37 - 139

Method Blank - Batch: 640-71477

Method: 8141A
Preparation: 3520C

Lab Sample ID: MB 640-71477/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1242
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71691
Prep Batch: 640-71477
Units: ug/L

Instrument ID: SGF
Lab File ID: 1H06F20.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
Disulfoton	0.12	U	0.12	2.0
Thionazin	0.061	U	0.061	1.0
Dimethoate	0.32	U	0.32	2.0

Surrogate	% Rec	Acceptance Limits
Triphenylphosphate (TPP)	95	37 - 139

Client: SCS Engineers

Job Number: 660-36450-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-71477

Method: 8141A
Preparation: 3520C

LCS Lab Sample ID: LCS 640-71477/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/05/2010 1601
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71659
Prep Batch: 640-71477
Units: ug/L

Instrument ID: SGF
Lab File ID: 1H05F16.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 640-71477/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/05/2010 1616
Date Prepared: 08/02/2010 1500

Analysis Batch: 640-71659
Prep Batch: 640-71477
Units: ug/L

Instrument ID: SGF
Lab File ID: 1H05F17.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Methyl parathion	80	101	43 - 140	23	30		
Parathion	85	105	49 - 134	22	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Triphenylphosphate (TPP)	97	95	37 - 139

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-71477

Method: 8141A
Preparation: 3520C

MS Lab Sample ID:	660-36459-B-2-A MS	Analysis Batch: 640-71659	Instrument ID: SGF
Client Matrix:	Water	Prep Batch: 640-71477	Lab File ID: 1H05F14.d
Dilution:	1.0		Initial Weight/Volume: 500 mL
Date Analyzed:	08/05/2010 1532		Final Weight/Volume: 2.5 mL
Date Prepared:	08/02/2010 1500		Injection Volume: 1 uL
			Column ID: PRIMARY

MSD Lab Sample ID:	660-36459-B-2-B MSD	Analysis Batch: 640-71659	Instrument ID: SGF
Client Matrix:	Water	Prep Batch: 640-71477	Lab File ID: 1H05F15.d
Dilution:	1.0		Initial Weight/Volume: 500 mL
Date Analyzed:	08/05/2010 1547		Final Weight/Volume: 2.5 mL
Date Prepared:	08/02/2010 1500		Injection Volume: 1 uL
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methyl parathion	102	103	32 - 137	1	48		
Parathion	108	114	32 - 138	6	44		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Triphenylphosphate (TPP)	109	117	37 - 139

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 680-175744

Method: 8151A
Preparation: 8151A

Lab Sample ID: MB 680-175744/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1549
Date Prepared: 07/30/2010 0815

Analysis Batch: 680-176095
Prep Batch: 680-175744
Units: ug/L

Instrument ID: SGS
Lab File ID: sh02009.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
2,4,5-T	0.062	U	0.062	0.50
2,4-D	0.037	U	0.037	0.50
Dinoseb	0.16	U	0.16	6.0
Silvex (2,4,5-TP)	0.062	U	0.062	0.50

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	68	61 - 120
2,4-Dichlorophenylacetic acid	87	61 - 120

Lab Control Sample - Batch: 680-175744

Method: 8151A
Preparation: 8151A

Lab Sample ID: LCS 680-175744/8-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1605
Date Prepared: 07/30/2010 0815

Analysis Batch: 680-176095
Prep Batch: 680-175744
Units: ug/L

Instrument ID: SGS
Lab File ID: sh02010.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,5-T	2.00	1.63	81	52 - 129	
2,4-D	2.00	1.78	89	61 - 127	
Dinoseb	2.00	0.694	35	13 - 112	I
Silvex (2,4,5-TP)	2.00	1.60	80	55 - 110	

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-176280/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1149
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280
Units: mg/L

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.25	U	0.25	0.50

Method Blank - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-176280/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1149
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280
Units: ug/L

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

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

Client: SCS Engineers

Job Number: 660-36450-1

Lab Control Sample - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-176280/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1157
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280
Units: mg/L

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	5.00	4.58	92	75 - 125	

Lab Control Sample - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-176280/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1157
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280
Units: ug/L

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	52.4	105	75 - 125	
Arsenic	100	96.6	97	75 - 125	
Barium	100	93.0	93	75 - 125	
Beryllium	50.0	44.6	89	75 - 125	
Cadmium	50.0	48.4	97	75 - 125	
Cobalt	50.0	46.8	94	75 - 125	
Silver	50.0	47.5	95	75 - 125	
Chromium	100	93.3	93	75 - 125	
Copper	100	97.1	97	75 - 125	
Lead	50.0	48.1	96	75 - 125	
Nickel	100	95.7	96	75 - 125	
Selenium	100	98.7	99	75 - 125	
Iron	5000	4840	97	75 - 125	
Thallium	40.0	38.0	95	75 - 125	
Tin	100	94.0	94	75 - 125	
Vanadium	100	92.2	92	75 - 125	
Zinc	100	104	104	75 - 125	

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	680-59867-C-1-B MS	Analysis Batch: 680-176516	Instrument ID: ICPMSB
Client Matrix:	Water	Prep Batch: 680-176280	Lab File ID: 176280.chr
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/06/2010 1246		Final Weight/Volume: 250 mL
Date Prepared:	08/04/2010 1529		

MSD Lab Sample ID:	680-59867-C-1-C MSD	Analysis Batch: 680-176516	Instrument ID: ICPMSB
Client Matrix:	Water	Prep Batch: 680-176280	Lab File ID: 176280.chr
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/06/2010 1254		Final Weight/Volume: 250 mL
Date Prepared:	08/04/2010 1529		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sodium	98	111	75 - 125	5	20		

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-176280

Method: 6020A
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 680-59867-C-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1246
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 680-59867-C-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/06/2010 1254
Date Prepared: 08/04/2010 1529

Analysis Batch: 680-176516
Prep Batch: 680-176280

Instrument ID: ICPMSB
Lab File ID: 176280.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	105	109	75 - 125	4	20		
Arsenic	97	106	75 - 125	8	20		
Barium	95	101	75 - 125	5	20		
Beryllium	89	94	75 - 125	6	20		
Cadmium	94	100	75 - 125	6	20		
Cobalt	92	98	75 - 125	5	20		
Silver	93	96	75 - 125	4	20		
Chromium	93	100	75 - 125	7	20		
Copper	98	109	75 - 125	7	20		
Lead	96	99	75 - 125	3	20		
Nickel	95	102	75 - 125	7	20		
Selenium	100	104	75 - 125	4	20		
Iron	96	102	75 - 125	5	20		
Thallium	97	100	75 - 125	3	20		
Tin	95	100	75 - 125	5	20		
Vanadium	93	101	75 - 125	8	20		
Zinc	137	214	75 - 125	5	20	J3	J3

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 680-175745

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 680-175745/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 1428
Date Prepared: 07/30/2010 0833

Analysis Batch: 680-176201
Prep Batch: 680-175745
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: b080310b.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.091	U	0.091	0.20

Lab Control Sample - Batch: 680-175745

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 680-175745/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 1431
Date Prepared: 07/30/2010 0833

Analysis Batch: 680-176201
Prep Batch: 680-175745
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: b080310b.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.35	94	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-175745

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 660-36446-B-4-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 1447
Date Prepared: 07/30/2010 0833

Analysis Batch: 680-176201
Prep Batch: 680-175745

Instrument ID: LEEMAN1
Lab File ID: b080310b.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36446-B-4-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 1449
Date Prepared: 07/30/2010 0833

Analysis Batch: 680-176201
Prep Batch: 680-175745

Instrument ID: LEEMAN1
Lab File ID: b080310b.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	84	80	80 - 120	4	20		

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-98514

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-98514/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 2234
Date Prepared: N/A

Analysis Batch: 660-98514
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX 1
Lab File ID: 11.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-98514

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-98514/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 2251
Date Prepared: N/A

Analysis Batch: 660-98514
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX 1
Lab File ID: 12.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.93	99	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-98514

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-36446-G-12 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2010 0406
Date Prepared: N/A

Analysis Batch: 660-98514
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 30.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36446-G-12 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2010 0424
Date Prepared: N/A

Analysis Batch: 660-98514
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 31.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	100	100	90 - 110	0	30		

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-98602

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-98602/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/11/2010 0229
Date Prepared: N/A

Analysis Batch: 660-98602
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX2
Lab File ID: 11.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-98602

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-98602/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/11/2010 0251
Date Prepared: N/A

Analysis Batch: 660-98602
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX2
Lab File ID: 12.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.89	99	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-98602

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-36450-3
Client Matrix: Water
Dilution: 10
Date Analyzed: 08/11/2010 0628
Date Prepared: N/A

Analysis Batch: 660-98602
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 22.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36450-3
Client Matrix: Water
Dilution: 10
Date Analyzed: 08/11/2010 0650
Date Prepared: N/A

Analysis Batch: 660-98602
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 23.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	91	98	90 - 110	3	30		

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 680-175740

Method: 335.4
Preparation: Distill/CN

Lab Sample ID: MB 680-175740/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1034
Date Prepared: 07/30/2010 0528

Analysis Batch: 680-175780
Prep Batch: 680-175740
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Cyanide, Total	0.0025	U	0.0025	0.010

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-175740

Method: 335.4
Preparation: Distill/CN

LCS Lab Sample ID: LCS 680-175740/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1034
Date Prepared: 07/30/2010 0528

Analysis Batch: 680-175780
Prep Batch: 680-175740
Units: mg/L

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

LCSD Lab Sample ID: LCSD 680-175740/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/30/2010 1034
Date Prepared: 07/30/2010 0528

Analysis Batch: 680-175780
Prep Batch: 680-175740
Units: mg/L

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

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Cyanide, Total	105	107	90 - 110	2	20		

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-175740

Method: 335.4
Preparation: Distill/CN

MS Lab Sample ID:	680-59846-C-2-B MS	Analysis Batch: 680-175780	Instrument ID: LATCHAT
Client Matrix:	Water	Prep Batch: 680-175740	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	07/30/2010 1034		Final Weight/Volume: 50 mL
Date Prepared:	07/30/2010 0528		

MSD Lab Sample ID:	680-59846-C-2-C MSD	Analysis Batch: 680-175780	Instrument ID: LATCHAT
Client Matrix:	Water	Prep Batch: 680-175740	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	07/30/2010 1034		Final Weight/Volume: 50 mL
Date Prepared:	07/30/2010 0528		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	96	100	90 - 110	5	20		

Duplicate - Batch: 680-175740

Method: 335.4
Preparation: Distill/CN

Lab Sample ID:	680-59838-A-1-B DU	Analysis Batch: 680-175780	Instrument ID: LATCHAT
Client Matrix:	Water	Prep Batch: 680-175740	Lab File ID: N/A
Dilution:	1.0	Units: mg/L	Initial Weight/Volume: 50 mL
Date Analyzed:	07/30/2010 1034		Final Weight/Volume: 50 mL
Date Prepared:	07/30/2010 0528		

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cyanide, Total	0.0073	I	0.00662	10	20	I

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-98029

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-98029/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1113
Date Prepared: N/A

Analysis Batch: 660-98029
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: NH3.8.2.10.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

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

Lab Control Sample - Batch: 660-98029

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-98029/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1114
Date Prepared: N/A

Analysis Batch: 660-98029
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: NH3.8.2.10.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.501	100	90 - 110	

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-98029

Method: 350.1
Preparation: N/A

MS Lab Sample ID:	660-36426-D-1 MS	Analysis Batch: 660-98029	Instrument ID: LACHAT
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: NH3.8.2.10.txt
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	08/02/2010 1116		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-36426-D-1 MSD	Analysis Batch: 660-98029	Instrument ID: LACHAT
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: NH3.8.2.10.txt
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	08/02/2010 1117		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia (as N)	89	82	90 - 110	7	30	J3	J3

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-98029

Method: 350.1
Preparation: N/A

MS Lab Sample ID:	660-36459-F-2 MS	Analysis Batch: 660-98029	Instrument ID: LACHAT
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: NH3.8.2.10.txt
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	08/02/2010 1133		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-36459-F-2 MSD	Analysis Batch: 660-98029	Instrument ID: LACHAT
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: NH3.8.2.10.txt
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	08/02/2010 1134		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia (as N)	99	90	90 - 110	9	30		

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-97848

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-97848/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 0818
Date Prepared: N/A

Analysis Batch: 660-97848
Prep Batch: N/A
Units: mg/L

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

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

Lab Control Sample - Batch: 660-97848

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-97848/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 0818
Date Prepared: N/A

Analysis Batch: 660-97848
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.917	92	90 - 110	
Nitrite as N	1.00	0.944	94	90 - 110	

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-97848

Method: 353.2
Preparation: N/A

MS Lab Sample ID:	660-36450-3	Analysis Batch: 660-97848	Instrument ID: LACHAT
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	07/29/2010 0818		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-36450-3	Analysis Batch: 660-97848	Instrument ID: LACHAT
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	07/29/2010 0818		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrate Nitrite as N	89	93	90 - 110	1	30	J3	
Nitrite as N	110	112	90 - 110	2	30		J3

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-97926

Method: SM 2320B
Preparation: N/A

Lab Sample ID: MB 660-97926/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1559
Date Prepared: N/A

Analysis Batch: 660-97926
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 7.29.10a.txt
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	PQL	PQL
Alkalinity	1.0	U	1.0	1.0

Lab Control Sample - Batch: 660-97926

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 660-97926/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1607
Date Prepared: N/A

Analysis Batch: 660-97926
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 7.29.10a.txt
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	118	119	101	80 - 120	

Duplicate - Batch: 660-97926

Method: SM 2320B
Preparation: N/A

Lab Sample ID: 660-36177-A-5 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1616
Date Prepared: N/A

Analysis Batch: 660-97926
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 7.29.10a.txt
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Alkalinity	120	123	0	30	
Bicarbonate Alkalinity as CaCO3	15	13.8	11	30	

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-97887

Method: SM 2540C
Preparation: N/A

Lab Sample ID: MB 660-97887/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1438
Date Prepared: N/A

Analysis Batch: 660-97887
Prep Batch: N/A
Units: mg/L

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

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

Lab Control Sample - Batch: 660-97887

Method: SM 2540C
Preparation: N/A

Lab Sample ID: LCS 660-97887/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1438
Date Prepared: N/A

Analysis Batch: 660-97887
Prep Batch: N/A
Units: mg/L

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

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

Duplicate - Batch: 660-97887

Method: SM 2540C
Preparation: N/A

Lab Sample ID: 660-36448-A-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2010 1439
Date Prepared: N/A

Analysis Batch: 660-97887
Prep Batch: N/A
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	540	572	5	20	

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-98057

Method: SM 4500 S2 F
Preparation: N/A

Lab Sample ID: MB 660-98057/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1700
Date Prepared: N/A

Analysis Batch: 660-98057
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	PQL	PQL
Sulfide	1.0	U	1.0	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 660-98057

Method: SM 4500 S2 F
Preparation: N/A

LCS Lab Sample ID: LCS 660-98057/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1700
Date Prepared: N/A

Analysis Batch: 660-98057
Prep Batch: N/A
Units: mg/L

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

LCSD Lab Sample ID: LCSD 660-98057/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1700
Date Prepared: N/A

Analysis Batch: 660-98057
Prep Batch: N/A
Units: mg/L

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

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Sulfide	92	94	75 - 125	2	25		

Client: SCS Engineers

Job Number: 660-36450-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-98057

Method: SM 4500 S2 F
Preparation: N/A

MS Lab Sample ID:	660-36517-D-1 MS	Analysis Batch: 660-98057	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.0 mL
Date Analyzed:	08/02/2010 1700		Final Weight/Volume: 250 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-36517-D-1 MSD	Analysis Batch: 660-98057	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.0 mL
Date Analyzed:	08/02/2010 1700		Final Weight/Volume: 250 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sulfide	96	98	75 - 125	1	25		

Client: SCS Engineers

Job Number: 660-36450-1

Seeded Control Blank - Batch: 660-97896

Method: SM 5210B
Preparation: N/A

Lab Sample ID: SCB 660-97896/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2010 2117
Date Prepared: N/A

Analysis Batch: 660-97896
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 300 mL

Analyte	Result	Qual	PQL	PQL
Biochemical Oxygen Demand	2.0	U	2.0	2.0

Unseeded Control Blank - Batch: 660-97896

Method: SM 5210B
Preparation: N/A

Lab Sample ID: USB 660-97896/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2010 2117
Date Prepared: N/A

Analysis Batch: 660-97896
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 300 mL

Analyte	Result	Qual	PQL	PQL
Biochemical Oxygen Demand	2.0	U	2.0	2.0

Lab Control Sample - Batch: 660-97896

Method: SM 5210B
Preparation: N/A

Lab Sample ID: LCS 660-97896/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2010 2117
Date Prepared: N/A

Analysis Batch: 660-97896
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 300 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Biochemical Oxygen Demand	198	227	115	85 - 115	

Client: SCS Engineers

Job Number: 660-36450-1

Duplicate - Batch: 660-97896

Method: SM 5210B
Preparation: N/A

Lab Sample ID: 660-36456-G-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2010 2117
Date Prepared: N/A

Analysis Batch: 660-97896
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 300 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Biochemical Oxygen Demand	150	149	2	20	

Client: SCS Engineers

Job Number: 660-36450-1

Method Blank - Batch: 660-98371

Method: SM 5220D
Preparation: SM 5220

Lab Sample ID: MB 660-98371/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/07/2010 1700
Date Prepared: 08/07/2010 1400

Analysis Batch: 660-98372
Prep Batch: 660-98371
Units: mg/L

Instrument ID: HACH2500
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Chemical Oxygen Demand	10	U	10	20

Lab Control Sample - Batch: 660-98371

Method: SM 5220D
Preparation: SM 5220

Lab Sample ID: LCS 660-98371/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/07/2010 1700
Date Prepared: 08/07/2010 1400

Analysis Batch: 660-98372
Prep Batch: 660-98371
Units: mg/L

Instrument ID: HACH2500
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chemical Oxygen Demand	100	98.0	98	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-98371

Method: SM 5220D
Preparation: SM 5220

MS Lab Sample ID: 660-36450-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/07/2010 1700
Date Prepared: 08/07/2010 1400

Analysis Batch: 660-98372
Prep Batch: 660-98371

Instrument ID: HACH2500
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 660-36450-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/07/2010 1700
Date Prepared: 08/07/2010 1400

Analysis Batch: 660-98372
Prep Batch: 660-98371

Instrument ID: HACH2500
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chemical Oxygen Demand	74	68	90 - 110	2	20	J3	J3

660-36450

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

08/24/2010

Client Information	Sampler: KH Harvey / Sharon	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-30266.1
Client Contact: Mr. Ken Guilbeault	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 2
Company: SCS Engineers				Job #:

Address: 4041 Park Oaks Blvd Suite 100	Due Date Requested:	Analysis Requested
City: Tampa	TAT Requested (days):	
State, Zip: FL, 33610		
Phone:	PO #: Purchase Order Requested	
Email: kguilbeault@scsengineers.com	WO #:	
Project Name: Citrus County 2010 Inf.Eff, Leachate Col	Project #: 66002924	
Site:	SSOW#:	

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - 8260 Appendix II Compounds	8011 - EDB	8270C - Semivolatiles	8141A - 8141 Appendix 2	350.1 - Ammonia (as N)	5220D - Chemical Oxygen Demand	SM4500_S2_F - Sulfide	8081A - Pesticides	8082 - PCB	2320B, 300.0_28D, 353.2	2540C - Total Dissolved Solids	5210B - Biochemical Oxygen Demand	6020A, 7470A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	S	S	CB	N	N	N	N	N	D		
INF (Leachate) Phase II pump	7/27/10	945	G	Water			X	X													
				Water																	
Master Lift Station		1010	G	Water			X	X													
				Water																	
Composite of Lift station & INF Phase II		1010	C	Water					X	X	X	X	X	X	X	X	X	X	X		

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:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 7/27/10 @ 1029	Company: TA	Received by:	Date/Time: 7/27/10	Company: TA
Relinquished by:	Date/Time: 7/27/10 1720	Company: TA	Received by:	Date/Time: 7/27/10 1720	Company: TA
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: 4.2 °C wet

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TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

08/24/2010

Client Information	Sampler: Ken Guilbeault / Shawn	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-30266.2
Client Contact: Mr. Ken Guilbeault	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 2 of 2
Company: SCS Engineers				Job #:
Address: 4041 Park Oaks Blvd Suite 100	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33610				
Phone:	PO #: Purchase Order Requested			
Email: kguilbeault@scsengineers.com	WO #:			
Project Name: Citrus County 2010 Inf,Eff, Leachate Col	Project #: 66002924			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8151A - Herbicides	335.4 - Cyanide, Total	8260B - (MOD) 8260 Appendix II Compounds	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	B	N		
Master Lift Station Composite of Lift Station & INF Phase II	7/27/10	1010	C	Water			X	X			
INF (Leachate) Phase II pump	1	945	G	Water					X		
Master Lift Station	1	1010	G	Water					X		
				Water							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 7/27/10 1029	Company: TA	Received by:	Date/Time: 7/27/10 1455	Company: TA		
Relinquished by:	Date/Time: 7/27/10 1720	Company: TA	Received by:	Date/Time: 7/27/10 1720	Company: TA		
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:

Meter #'s: M1 PAGE: ____ of ____

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

CLIENT NAME: SCS. Engineering SAMPLERS: Brit/Shawn Time Out: ____
SURVEY/PROJECT: Citrus County Landfill Time In: ____

SAMPLE ID	TIME HR:MIN	TOTAL DEPTH (feet)	SECCHI (feet)	SAMPLE DEPTH (feet)	WATER TEMP (Celsius)	DO (mg/L)	FIELD Ox-Red (mV)	Cond (µS/cm)	SALINITY (ppt)	PH (su)	TURBIDITY (NTU)	Comments
INF (leachate)	945	20'9"	N/A	20'9"	32.4	1.64	-115.6	4086	N/A	6.59	22.3	No sheen, yellowish color
MASTER Lft-STATION	1010	2.0'	N/A	Surface	29.9	0.99	12.8	1760	N/A	7.06	15.7	No sheen, clear color

Instrument Calibrations: YSI 3500 Calibrated to pH 7.00,slope to pH 4.00, pH 6.00=

KCL Conductivity Standards: 0.001M = ____ (147µΩ/cm) 0.01M = ____ (1413µΩ/cm) YSI 85 D.O. Meter Calibrated to ___mg/L @ ___°C Cooler Temp: ___°C

Signature: [signature] Relinquished by: [signature] Date: 7/27/10 Time: 1039

Date Completed: 7/27/10 Received by: ____ Date: / / Time: ____

FIELD CONDITIONS FOR STATION# ____ AT TIME ____:		
CLOUD COVER (%): ____	WIND DIRECTION: ____	TIDAL STAGE: ____
PREVIOUS RAINFALL: ____	WIND SPEED (MPH/KNOTS): ____	WAVE CONDITIONS: ____

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

Field Calibration Check Logbook

TestAmerica Orlando 8010 Sunport Drive Suite 116, Orlando, Florida 32809

INSTRUMENT (MAKE/MODEL#) YSI 556 MPS

INSTRUMENT # M-1

PARAMETER: *[check only one]*

☐ SALINITY ☑ DO ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A _____

Standard B _____

Standard C _____

Standard D _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A,B,C)	STD VALUE	INSTRUMENT RESPONSE	% DEV.	CALIBRATED (YES/NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
4-22-10	1050	~~A~~ 7	9.14	19.7/9.12	.02	YES	INIT	
4-26-10	1114	25.5	8.18	25.5/8.16	.02	YES	INIT	
4-27-10	1024	25.4	8.20	25.4/8.23	.03	YES	INIT	
4-28-10	930	21.8	8.77	21.8/8.77	0	YES	INIT	
4-29-10	930	18.0	9.46	18.0/9.45	.01	YES	INIT	
5-10-10	907	24.4	8.35	24.4/8.33	.02	YES	INIT	
5-11-10	941	27.4	7.91	27.4/7.89	.02	YES	INIT	
5-17-10	1020	23.4	8.51	23.4/8.49	.02	Yes	INIT	
5-25-10	910	25.5	8.18	25.5/8.17	.01	YES	INIT	
5-26-10	835	28.6	7.74	28.6/7.75	.01	YES	INIT	
6-1-10	910	28.0	7.82	28.0/7.79	.03	YES	INIT	
6-9-10	0958	23.9	8.43	23.9/8.42	.01	Yes	INIT	
6-14-10	925	28.0	7.82	28.0/7.79	.03	YES	INIT	
6-23-10	555	27.4	7.84	27.4/7.83	.01	YES	INIT	
6-28-10	0810	23.7	8.46	23.7/8.45	.01	Yes	INIT	
7-12-10	907	28.8	7.71	28.8/7.71	0	YES	INIT	
7-14-10	810	26.6	8.02	26.6/8.00	0	YES	INIT	
7-18-10	830	26.5	8.02	26.5/8.00	0	YES	INIT	
7-20-10	920	27.5	7.89	27.5/7.88	.01	YES	INIT	
7-22-10	0945	30.4	7.50	30.4/7.50	0	YES	INIT	
7-26-10	939	30.4	7.50	30.4/7.50	0	YES	INIT	
7-27-10	710	28.7	7.73	28.7/7.73	0	YES	INIT	

Field Calibration Check Logbook

TestAmerica Orlando 8010 Sunport Drive Suite 116, Orlando, Florida 32809

INSTRUMENT (MAKE/MODEL#) Hach 2100P Turbidimeter

INSTRUMENT # 1-2-3

PARAMETER: *[check only one]*

☑ TURBIDITY ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A Stablcal Calibration Set NTU .10 Lot A9292A Exp -
Standard B ↓ ↓ ↓ 20 ↓ ↓
Standard C ↓ ↓ ↓ 100 ↓ ↓
Standard D ↓ ↓ ↓ 800 ↓ ↓

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
#1 6-10-10	940	A	.10	.14	.04	YES	INIT	AW
↓	↓	B	20	20.4	.4	↓	↓	↓
↓	↓	C	100	100	0	↓	↓	↓
↓	↓	D	800	784	11	↓	↓	↓
#2 6-10-10	1540	A	.10	.115	.05	NO	CONT	AW
↓	↓	B	20	18.5	1.5	↓	↓	↓
↓	↓	C	100	94	6	↓	↓	↓
↓	↓	D	800	815	15	↓	↓	↓
7-26-10	940	A	.10	.14	.04	NO	CONT	AW
↓	↓	B	20	18.5	1.5	↓	↓	↓
↓	↓	C	100	94	6	↓	↓	↓
↓	↓	D	800	815	15	↓	↓	↓

Field Calibration Check Logbook

TestAmerica Orlando 8010 Sunport Drive Suite 116, Orlando, Florida 32809

INSTRUMENT (MAKE/MODEL#) YSI 556 MPS

INSTRUMENT # M-1 06D2137 AH

PARAMETER: *[check only one]*

☒ pH ☐ ORP ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A Fisher ph. 7.00 Buffer Lot 093920 Exp-06/2011

Standard B Fisher ph. 4.00 Buffer Lot 093710 Exp- 07/2011

Standard C Fisher ph. 10.00 Buffer Lot-09574 Exp-09/2011

Standard D _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV.	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
5-26-10	845	A	7.00	7.00	0	YES	INIT	
↓	↓	B	4.00	4.00	↓	↓	↓	
6-1-10	944	A	7.00	7.08	.08	NO	CONT	
↓	↓	B	4.00	4.03	.03			
6-1-10	↓	C	10.00	10.05	.05	↓	↓	
6-9-10	0503	A	7.00	7.00	0	Yes	INIT	
↓	↓	B	4.00	4.00	0	↓	↓	
↓	↓	C	10.00	10.02	.02	↓	↓	
6-14-10	930	A	7.00	7.07	.07	NO	CONT	
↓	↓	B	4.00	4.04	.04	↓	↓	
6-23-10	908	A	7.00	7.00	0	YES	INIT	
↓	↓	B	4.00	4.01	.01			
↓	↓	C	10.00	10.02	.02	↓	↓	
6-28-10	0815	A	7.00	6.99	.03	NO	CONT	
↓	↓	B	4.00	4.00	0	↓	↓	
↓	↓	C	10.00	10.03	.03	↓	↓	
7-12-10	912	A	7.00	7.03	.03	NO	CONT	
↓	↓	B	4.00	4.03	.03	↓	↓	
↓	↓	C	10.00	9.98	.02	↓	↓	
7-19-10	920	A	7.00	7.00	0	YES	INIT	
↓	↓	B	4.00	3.99	.01	↓	↓	
↓		C	10.00	10.00	0			

Field Calibration Check Logbook

TestAmerica Orlando 8010 Sunport Drive Suite 116, Orlando, Florida 32809

INSTRUMENT (MAKE/MODEL#) _____

INSTRUMENT # _____

PARAMETER: *[check only one]*

☑ pH ☐ ORP ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A _____

Standard B _____

Standard C _____

Standard D _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV.	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
7-20-10	901	A	7.00	6.98	.02	NO	CONT	
↓	↓	B	4.00	4.01	.01	↓	↓	
↓	↓	C	10.00	9.98	.02	↓	↓	
7-22-10	0955	A	7.00	7.00	Ø	YES	INIT	RR
↓	↓	B	4.00	3.99	.01	↓	↓	RR
↓	↓	C	10.00	10.01	.01	↓	↓	RR
7-26-10	945	A	7.00	7.00	Ø	YES	INIT	
↓	↓	B	4.00	3.99	.01	YES	INIT	
7-27-10	715	A	7.00	7.02	.02	NO	CONT	
↓	↓	B	4.00	4.01	.01	↓	↓	
8-2-10	0800	A	7.00	7.00	Ø	NO	CONT	KR
↓	↓	B	4.00	3.99	.01	↓	↓	KR
↓	↓	C	10.00	9.99	.01	↓	↓	KR
8-10-10	907	A	7.00	6.98	.02	NO	CONT	
↓	↓	B	4.00	4.00	Ø	NO	CONT	
↓	↓	C	10.00	9.98	.02	NO	CONT	
ORP 8-10-10	910	A	224 mV	284 mV	Ø	NO	CONT	
8-17-10	907	A	7.00	6.97	.03	NO	CONT	
↓	↓	B	4.00	3.97	.03	NO	CONT	

Field Calibration Check Logbook

TestAmerica Orlando 8010 Sunport Drive Suite 116, Orlando, Florida 32809

INSTRUMENT (MAKE/MODEL#) _____

INSTRUMENT # _____

PARAMETER: *[check only one]*

☐ CONDUCTIVITY ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A _____

Standard B _____

Standard C _____

Standard D _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
6-14-10	935	A	100	102	2	NO	CONT	
↓	↓	B	1000	1002	2	NO	↓	
6-23-10	902	A	100	100	0	YES	INIT	
↓	↓	B	1000	1001	01	↓	↓	
6-28-10	0812	A	100	100	0	Yes	INIT	RE
↓	↓	B	1000	1000	0	↓	↓	RP
7-12-10	910	A	100	100	0	YES	INIT	
↓	↓	B	100	1001	1	↓	↓	
7-14-10	825	A	100	100	0	YES	INIT	
↓	↓	B	1000	1000	0	↓	↓	
7-14-10	838	A	100	100	0	YES	INIT	
↓	↓	B	1000	1000	0	YES	INIT	
7-20-10	905	A	100	100	0	YES	INIT	
↓	↓	B	1000	1000	0	YES	INIT	
7-22-10	0950	A	100	100	0	Yes	INIT	RE
↓	↓	B	1000	1000	0	↓	↓	RP
7-26-10	941	A	100	100	0	YES	INIT	
↓	↓	B	1000	1000	0	YES	INIT	
7-27-10	712	A	100	100	0	YES	INIT	
↓	↓	B	1000	1000	0	↓	↓	
8-10-10	904	A	100	102	2	NO	CONT	
↓	↓	B	100	1000	0	YES	INIT	

Login Sample Receipt Check List

Client: SCS Engineers

Job Number: 660-36450-1

Login Number: 36450
Creator: Harrison, Amanda
List Number: 1

List Source: TestAmerica Tampa

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	4.2 degrees C CU-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Login Sample Receipt Check List

Client: SCS Engineers

Job Number: 660-36450-1

Login Number: 36450
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 07/29/10 09:12 AM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	

Login Sample Receipt Check List

Client: SCS Engineers

Job Number: 660-36450-1

Login Number: 36450
Creator: Archie, Datiska
List Number: 1

List Source: TestAmerica Tallahassee
List Creation: 07/29/10 12:59 PM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 660-36453-1

Job Description: Citrus County Leachate Sludge

For:
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Attention: Mr. Ken Guilbeault

Approved for release.
Nancy Robertson
Project Manager II
8/24/2010 11:55 AM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
08/24/2010

Methods: FDEP, DOH Certification #: E84282, E81005 These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method 8260B: The method blank associated with control batch 98517 had an estimated result for 2-Butanone (MEK) between the MDL and PQL. The associated sample is flagged with V.

Method 8260B: The matrix spike (MS) recovery for batch 98466 was outside control limits for Trichloroethene. The associated laboratory control sample (LCS) recovery met acceptance criteria.
Data is flagged with J3.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The laboratory control sample (LCS) associated with batch 176366 had several recoveries and surrogates outside control limits. The data is flagged with J3. For confirmation of the sample results, the batch was re extracted and analyzed. The sample was extracted after the hold time exceeded. The LCS was within control limits and the sample results did not change. The landscape report will not report both sets of data, only the original results are reported. A second report with both sets of data will also be reported. The out of hold data is flagged with Q.

Method 8270C: The matrix spike/matrix spike duplicate (MS/MSD) recoveries for batch 176366 were outside control limits. Data is flagged with J3.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method 6010B: The matrix spike/matrix spike duplicate (MS/MSD) recoveries for batch 97963 were outside control limits for Barium. The associated laboratory control sample (LCS) recovery met acceptance criteria. Data is flagged with J3.

No other analytical or quality issues were noted.

General Chemistry
Method SM 2540G: Due to analyst error the Total Solids was analyzed after the hold time exceeded. The sample is flagged with Q.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: SCS Engineers

Job Number: 660-36453-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-36453-1	**LEACHATE SLUDGE**					
Total Solids		1.9	Q	0.50	%	2540G
TCLP						
2-Butanone (MEK)		8.8	I V	10	ug/L	8260B
Barium		230	I	500	ug/L	6010B
Soluble						
pH-Soluble		4.34	Q	1.00	SU	9045C

METHOD SUMMARY

Client: SCS Engineers

Job Number: 660-36453-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
TCLP Extraction	TAL TAM		SW846 1311
Purge and Trap	TAL TAM		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
TCLP Extraction	TAL SAV		SW846 1311
Liquid-Liquid Extraction (Continuous)	TAL SAV		SW846 3520C
Organochlorine Pesticides (GC)	TAL TAM	SW846 8081A	
TCLP Extraction	TAL TAM		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL TAM		SW846 3510C
Herbicides (GC)	TAL SAV	SW846 8151A	
TCLP Extraction	TAL SAV		SW846 1311
Extraction (Herbicides)	TAL SAV		SW846 8151A
Metals (ICP)	TAL TAM	SW846 6010B	
TCLP Extraction	TAL TAM		SW846 1311
Preparation, Total Metals	TAL TAM		SW846 3010A
Mercury (CVAA)	TAL TAM	SW846 7470A	
TCLP Extraction	TAL TAM		SW846 1311
Preparation, Mercury	TAL TAM		SW846 7470A
Total Solids	TAL TAM	SM20 2540G	
pH	TAL TAM	SW846 9045C	
Deionized Water Leaching Procedure	TAL TAM		ASTM DI Leach

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAM = TestAmerica Tampa

Method References:

ASTM = ASTM International

SM20 = "Standard Methods For The Examination Of Water And Wastewater", 20th Edition."

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

METHOD / ANALYST SUMMARY

Client: SCS Engineers

Job Number: 660-36453-1

Method	Analyst	Analyst ID
SW846 8260B	Harris, Chris	CH
SW846 8270C	Haynes, Carion	CRH
SW846 8270C	Jakubsen, Melanie	MLJ
SW846 8081A	Ortiz, Raymond	RO
SW846 8151A	Hao, Lili	LH
SW846 6010B	Fox, Greg	GF
SW846 7470A	Wieland, Kristen	KW
SM20 2540G	Oonnoonny, Thomas	TO
SW846 9045C	Mostafavifar, Efe	EM

SAMPLE SUMMARY

Client: SCS Engineers

Job Number: 660-36453-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-36453-1	Leachate Sludge	Solid	07/27/2010 0845	07/27/2010 1720

Mr. Ken Guilbeault
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Job Number: 660-36453-1
Lab Sample Id: 660-36453-1
Client Matrix: Solid
Date Sampled: 07/27/2010 0845
Date Received: 07/27/2010 1720

Client Sample ID: Leachate Sludge

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Benzene	0.50	U	ug/L	0.50	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
Chlorobenzene	0.63	U	ug/L	0.63	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
Chloroform	0.90	U	ug/L	0.90	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
2-Butanone (MEK)	8.8	I V	ug/L	8.4	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
Trichloroethene	0.50	U	ug/L	0.50	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
Vinyl chloride	0.50	U	ug/L	0.50	8260B - TCLP	08/10/2010 2042	08/10/2010 2042	1.0
Surrogate						Acceptance Limits		
4-Bromofluorobenzene	91		%		8260B - TCLP	70 - 130		
Dibromofluoromethane	96		%		8260B - TCLP	70 - 130		
Toluene-d8 (Surr)	97		%		8260B - TCLP	70 - 130		
GC/MS SEMI VOA								
1,4-Dichlorobenzene	50	U J3	ug/L	50	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
2,4-Dinitrotoluene	50	U	ug/L	50	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
Hexachlorobenzene	50	U	ug/L	50	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
Hexachloro-1,3-butadiene	50	U J3	ug/L	50	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
Hexachloroethane	50	U J3	ug/L	50	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
o-Cresol	0.050	U J3	mg/L	0.050	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
m+p-Cresol	0.050	U	mg/L	0.050	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
Nitrobenzene	50	U J3	ug/L	50	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
Pentachlorophenol	250	U	ug/L	250	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
Pyridine	250	U	ug/L	250	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
2,4,5-Trichlorophenol	50	U	ug/L	50	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
2,4,6-Trichlorophenol	50	U	ug/L	50	8270C - TCLP	08/05/2010 1117	08/09/2010 2110	1.0
Surrogate						Acceptance Limits		

Mr. Ken Guilbeault
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Job Number: 660-36453-1
Lab Sample Id: 660-36453-1
Client Matrix: Solid
Date Sampled: 07/27/2010 0845
Date Received: 07/27/2010 1720

Client Sample ID: Leachate Sludge

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Surrogate						Acceptance Limits		
2-Fluorobiphenyl	67		%		8270C - TCLP	50 - 113		
2-Fluorophenol	64		%		8270C - TCLP	36 - 110		
Nitrobenzene-d5	80		%		8270C - TCLP	45 - 112		
Phenol-d5	71		%		8270C - TCLP	38 - 116		
Terphenyl-d14	95		%		8270C - TCLP	10 - 121		
2,4,6-Tribromophenol	101		%		8270C - TCLP	40 - 139		
GC SEMI VOA								
Endrin	0.61	U	ug/L	0.61	8081A - TCLP	08/02/2010 1632	08/04/2010 0019	1.0
gamma-BHC (Lindane)	0.21	U	ug/L	0.21	8081A - TCLP	08/02/2010 1632	08/04/2010 0019	1.0
Methoxychlor	0.44	U	ug/L	0.44	8081A - TCLP	08/02/2010 1632	08/04/2010 0019	1.0
Chlordane (technical)	3.4	U	ug/L	3.4	8081A - TCLP	08/02/2010 1632	08/04/2010 0019	1.0
Toxaphene	19	U	ug/L	19	8081A - TCLP	08/02/2010 1632	08/04/2010 0019	1.0
Heptachlor	0.36	U	ug/L	0.36	8081A - TCLP	08/02/2010 1632	08/04/2010 0019	1.0
Heptachlor epoxide	0.22	U	ug/L	0.22	8081A - TCLP	08/02/2010 1632	08/04/2010 0019	1.0
Surrogate						Acceptance Limits		
DCB Decachlorobiphenyl	75		%		8081A - TCLP	30 - 150		
Tetrachloro-m-xylene	68		%		8081A - TCLP	30 - 150		
2,4-D	50	U	ug/L	50	8151A - TCLP	08/02/2010 0804	08/03/2010 1531	1.0
Silvex (2,4,5-TP)	50	U	ug/L	50	8151A - TCLP	08/02/2010 0804	08/03/2010 1531	1.0
Surrogate						Acceptance Limits		
DCAA	89		%		8151A - TCLP	50 - 150		
METALS								
Silver	50	U	ug/L	50	6010B - TCLP	07/30/2010 1310	08/02/2010 1037	5.0
Arsenic	120	U	ug/L	120	6010B - TCLP	07/30/2010 1310	08/02/2010 1037	5.0

Mr. Ken Guilbeault
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Job Number: 660-36453-1
Lab Sample Id: 660-36453-1
Client Matrix: Solid
Date Sampled: 07/27/2010 0845
Date Received: 07/27/2010 1720

Client Sample ID: Leachate Sludge

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS								
Barium	230	I	ug/L	30	6010B - TCLP	07/30/2010 1310	08/02/2010 1037	5.0
Cadmium	18	U	ug/L	18	6010B - TCLP	07/30/2010 1310	08/02/2010 1037	5.0
Chromium	50	U	ug/L	50	6010B - TCLP	07/30/2010 1310	08/02/2010 1037	5.0
Lead	40	U	ug/L	40	6010B - TCLP	07/30/2010 1310	08/02/2010 1037	5.0
Selenium	150	U	ug/L	150	6010B - TCLP	07/30/2010 1310	08/02/2010 1037	5.0
Mercury	0.36	U	ug/L	0.36	7470A - TCLP	08/02/2010 0900	08/02/2010 1525	1.0
GENERAL CHEMISTRY								
Total Solids	1.9	Q	%	0.50	2540G		08/11/2010 1650	1.0
pH	4.34	Q	SU	1.00	9045C - Soluble		07/29/2010 1800	1.0

DATA REPORTING QUALIFIERS

Client: SCS Engineers

Job Number: 660-36453-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	V	Indicates the analyte was detected in both the sample and the associated method blank.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
GC/MS Semi VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	Q	Sample held beyond the accepted holding time.
GC Semi VOA		
	U	Indicates that the compound was analyzed for but not detected.
Metals		
	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.

DATA REPORTING QUALIFIERS

Client: SCS Engineers

Job Number: 660-36453-1

Lab Section	Qualifier	Description
General Chemistry		
	U	Indicates that the compound was analyzed for but not detected.
	Q	Sample held beyond the accepted holding time.

Client: SCS Engineers

Job Number: 660-36453-1

Method Blank - Batch: 660-98466

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-98466/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2010 1935
Date Prepared: 08/10/2010 1935

Analysis Batch: 660-98466
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GH1008.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Benzene	0.50	U	0.50	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroform	0.90	U	0.90	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
2-Butanone (MEK)	8.4	U	8.4	10
Trichloroethene	0.50	U	0.50	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Vinyl chloride	0.50	U	0.50	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	70 - 130
Dibromofluoromethane	103	70 - 130
Toluene-d8 (Surr)	96	70 - 130

TCLP SPLPE Leachate Blank - Batch: 660-98466

Method: 8260B
Preparation: 5030B
TCLP

Lab Sample ID: LB 660-98517/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/10/2010 2020
Date Prepared: 08/10/2010 2020
Date Leached: 08/09/2010 0700

Analysis Batch: 660-98466
Prep Batch: N/A
Units: ug/L

Leachate Batch: 660-98517

Instrument ID: BVMG5973
Lab File ID: 1GH1010.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Benzene	0.50	U	0.50	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroform	0.90	U	0.90	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
2-Butanone (MEK)	9.47	I	8.4	10
Trichloroethene	0.50	U	0.50	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Vinyl chloride	0.50	U	0.50	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	93	70 - 130
Dibromofluoromethane	95	70 - 130
Toluene-d8 (Surr)	96	70 - 130

Lab Control Sample - Batch: 660-98466

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-98466/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2010 1805
Date Prepared: 08/10/2010 1805

Analysis Batch: 660-98466
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GH1005.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	21.8	109	68 - 134	
Carbon tetrachloride	20.0	19.2	96	61 - 134	
Chlorobenzene	20.0	19.5	97	70 - 130	
Chloroform	20.0	21.3	106	68 - 130	
1,4-Dichlorobenzene	20.0	21.2	106	70 - 130	
1,2-Dichloroethane	20.0	23.7	118	70 - 130	
1,1-Dichloroethene	20.0	17.1	86	51 - 150	
2-Butanone (MEK)	40.0	45.9	115	63 - 140	
Trichloroethene	20.0	26.5	132	63 - 139	
Tetrachloroethene	20.0	20.8	104	50 - 143	
Vinyl chloride	20.0	25.1	125	48 - 147	

Client: SCS Engineers

Job Number: 660-36453-1

Matrix Spike - Batch: 660-98466

Method: 8260B
Preparation: 5030B
TCLP

Lab Sample ID: 660-36453-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/10/2010 2127
Date Prepared: 08/10/2010 2127
Date Leached: 08/09/2010 0700

Analysis Batch: 660-98466
Prep Batch: N/A
Units: ug/L

Leachate Batch: 660-98517

Instrument ID: BVMG5973
Lab File ID: 1GH1013.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Benzene	0.50	U	20.0	21.2	106	68 - 134	
Carbon tetrachloride	0.42	U	20.0	20.1	100	61 - 134	
Chlorobenzene	0.63	U	20.0	20.0	100	70 - 130	
Chloroform	0.90	U	20.0	20.5	103	68 - 130	
1,4-Dichlorobenzene	0.52	U	20.0	20.4	102	70 - 130	
1,2-Dichloroethane	0.57	U	20.0	21.2	106	70 - 130	
1,1-Dichloroethene	0.45	U	20.0	17.9	90	51 - 150	
2-Butanone (MEK)	8.8	I	40.0	52.3	109	63 - 140	
Trichloroethene	0.50	U	20.0	28.7	143	63 - 139	J3
Tetrachloroethene	0.50	U	20.0	22.0	110	50 - 143	
Vinyl chloride	0.50	U	20.0	19.2	96	48 - 147	

Client: SCS Engineers

Job Number: 660-36453-1

Duplicate - Batch: 660-98466

Method: 8260B
Preparation: 5030B
TCLP

Lab Sample ID: 660-36453-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/10/2010 2105
Date Prepared: 08/10/2010 2105
Date Leached: 08/09/2010 0700

Analysis Batch: 660-98466
Prep Batch: N/A
Units: ug/L

Leachate Batch: 660-98517

Instrument ID: BVMG5973
Lab File ID: 1GH1012.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Benzene	0.50	U	0.50	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
2-Butanone (MEK)	8.8	I	8.4	NC	30	U
Trichloroethene	0.50	U	0.50	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	90	70 - 130
Dibromofluoromethane	92	70 - 130
Toluene-d8 (Surr)	95	70 - 130

Client: SCS Engineers

Job Number: 660-36453-1

Method Blank - Batch: 680-176366

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-176366/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 1952
Date Prepared: 08/05/2010 1117

Analysis Batch: 680-176746
Prep Batch: 680-176366
Units: mg/L

Instrument ID: MST
Lab File ID: t1602.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
o-Cresol	0.010	U	0.010	0.010
m+p-Cresol	0.010	U	0.010	0.010

Method Blank - Batch: 680-176366

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-176366/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 1952
Date Prepared: 08/05/2010 1117

Analysis Batch: 680-176746
Prep Batch: 680-176366
Units: ug/L

Instrument ID: MST
Lab File ID: t1602.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
1,4-Dichlorobenzene	10	U	10	10
2,4-Dinitrotoluene	10	U	10	10
Hexachlorobenzene	10	U	10	10
Hexachloro-1,3-butadiene	10	U	10	10
Hexachloroethane	10	U	10	10
Nitrobenzene	10	U	10	10
Pentachlorophenol	50	U	50	50
Pyridine	50	U	50	50
2,4,5-Trichlorophenol	10	U	10	10
2,4,6-Trichlorophenol	10	U	10	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	75	50 - 113
2-Fluorophenol	75	36 - 110
Nitrobenzene-d5	87	45 - 112
Phenol-d5	80	38 - 116
Terphenyl-d14	88	10 - 121
2,4,6-Tribromophenol	110	40 - 139

TCLP SPLPE Leachate Blank - Batch: 680-176366

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID: LB 680-175790/15-E
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/09/2010 2044
Date Prepared: 08/05/2010 1117
Date Leached: 07/29/2010 1722

Analysis Batch: 680-176746
Prep Batch: 680-176366
Units: mg/L

Leachate Batch: 680-175790

Instrument ID: MST
Lab File ID: t1604.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
o-Cresol	0.050	U	0.050	0.050
m+p-Cresol	0.050	U	0.050	0.050

TCLP SPLPE Leachate Blank - Batch: 680-176366

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID: LB 680-175790/15-E
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/09/2010 2044
Date Prepared: 08/05/2010 1117
Date Leached: 07/29/2010 1722

Analysis Batch: 680-176746
Prep Batch: 680-176366
Units: ug/L

Leachate Batch: 680-175790

Instrument ID: MST
Lab File ID: t1604.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
1,4-Dichlorobenzene	50	U	50	50
2,4-Dinitrotoluene	50	U	50	50
Hexachlorobenzene	50	U	50	50
Hexachloro-1,3-butadiene	50	U	50	50
Hexachloroethane	50	U	50	50
Nitrobenzene	50	U	50	50
Pentachlorophenol	250	U	250	250
Pyridine	250	U	250	250
2,4,5-Trichlorophenol	50	U	50	50
2,4,6-Trichlorophenol	50	U	50	50

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	69	50 - 113
2-Fluorophenol	74	36 - 110
Nitrobenzene-d5	81	45 - 112
Phenol-d5	79	38 - 116
Terphenyl-d14	103	10 - 121
2,4,6-Tribromophenol	107	40 - 139

Client: SCS Engineers

Job Number: 660-36453-1

Lab Control Sample - Batch: 680-176366

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-176366/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 2018
Date Prepared: 08/05/2010 1117

Analysis Batch: 680-176746
Prep Batch: 680-176366
Units: mg/L

Instrument ID: MST
Lab File ID: t1603.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
o-Cresol	0.100	0.0356	36	46 - 110	J3
m+p-Cresol	0.100	0.0444	44	43 - 110	

Lab Control Sample - Batch: 680-176366

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-176366/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2010 2018
Date Prepared: 08/05/2010 1117

Analysis Batch: 680-176746
Prep Batch: 680-176366
Units: ug/L

Instrument ID: MST
Lab File ID: t1603.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	100	19.5	20	38 - 110	J3
2,4-Dinitrotoluene	100	75.0	75	49 - 128	
Hexachlorobenzene	100	70.5	71	48 - 119	
Hexachloro-1,3-butadiene	100	21.1	21	40 - 110	J3
Hexachloroethane	100	16.1	16	33 - 110	J3
Nitrobenzene	100	33.4	33	46 - 110	J3
Pentachlorophenol	100	78.9	79	37 - 132	
Pyridine	100	52.5	52	10 - 110	
2,4,5-Trichlorophenol	100	66.3	66	47 - 122	
2,4,6-Trichlorophenol	100	62.2	62	46 - 120	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl	55		50 - 113
2-Fluorophenol	27	J1	36 - 110
Nitrobenzene-d5	37	J1	45 - 112
Phenol-d5	29	J1	38 - 116
Terphenyl-d14	86		10 - 121
2,4,6-Tribromophenol	85		40 - 139

Client: SCS Engineers

Job Number: 660-36453-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-176366

Method: 8270C
Preparation: 3520C
TCLP

MS Lab Sample ID:	660-36453-1	Analysis Batch: 680-176878	Instrument ID: MST
Client Matrix:	Solid	Prep Batch: 680-176366	Lab File ID: t1625.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	08/11/2010 1446		Final Weight/Volume: 1 mL
Date Prepared:	08/05/2010 1117		Injection Volume: 1 uL
Date Leached:	07/29/2010 1722	Leachate Batch: 680-175790	
MSD Lab Sample ID:	660-36453-1	Analysis Batch: 680-176878	Instrument ID: MST
Client Matrix:	Solid	Prep Batch: 680-176366	Lab File ID: t1626.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	08/11/2010 1512		Final Weight/Volume: 1 mL
Date Prepared:	08/05/2010 1117		Injection Volume: 1 uL
Date Leached:	07/29/2010 1722	Leachate Batch: 680-175790	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
o-Cresol	88	79	46 - 110	12	40		
m+p-Cresol	95	83	43 - 110	13	40		

Client: SCS Engineers

Job Number: 660-36453-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-176366

Method: 8270C
Preparation: 3520C
TCLP

MS Lab Sample ID:	660-36453-1	Analysis Batch: 680-176878	Instrument ID: MST
Client Matrix:	Solid	Prep Batch: 680-176366	Lab File ID: t1625.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	08/11/2010 1446		Final Weight/Volume: 1 mL
Date Prepared:	08/05/2010 1117		Injection Volume: 1 uL
Date Leached:	07/29/2010 1722	Leachate Batch: 680-175790	
MSD Lab Sample ID:	660-36453-1	Analysis Batch: 680-176878	Instrument ID: MST
Client Matrix:	Solid	Prep Batch: 680-176366	Lab File ID: t1626.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	08/11/2010 1512		Final Weight/Volume: 1 mL
Date Prepared:	08/05/2010 1117		Injection Volume: 1 uL
Date Leached:	07/29/2010 1722	Leachate Batch: 680-175790	

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dichlorobenzene	35	32	38 - 110	8	40	J3	J3
2,4-Dinitrotoluene	84	86	49 - 128	2	40		
Hexachlorobenzene	76	79	48 - 119	4	40		
Hexachloro-1,3-butadiene	38	40	40 - 110	6	40	J3	
Hexachloroethane	32	29	33 - 110	9	40	J3	J3
Nitrobenzene	84	83	46 - 110	1	40		
Pentachlorophenol	79	84	37 - 132	5	40		
Pyridine	66	65	10 - 110	1	40		
2,4,5-Trichlorophenol	79	78	47 - 122	1	40		
2,4,6-Trichlorophenol	76	74	46 - 120	2	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	70	65	50 - 113
2-Fluorophenol	72	69	36 - 110
Nitrobenzene-d5	78	76	45 - 112
Phenol-d5	80	71	38 - 116
Terphenyl-d14	92	94	10 - 121
2,4,6-Tribromophenol	90	88	40 - 139

Client: SCS Engineers

Job Number: 660-36453-1

Method Blank - Batch: 680-176868

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-176868/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/18/2010 0607
Date Prepared: 08/11/2010 1319

Analysis Batch: 680-177483
Prep Batch: 680-176868
Units: mg/L

Instrument ID: MSG
Lab File ID: g2864.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
o-Cresol	0.010	U	0.010	0.010
m+p-Cresol	0.010	U	0.010	0.010

Method Blank - Batch: 680-176868

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-176868/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/18/2010 0607
Date Prepared: 08/11/2010 1319

Analysis Batch: 680-177483
Prep Batch: 680-176868
Units: ug/L

Instrument ID: MSG
Lab File ID: g2864.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
1,4-Dichlorobenzene	10	U	10	10
2,4-Dinitrotoluene	10	U	10	10
Hexachlorobenzene	10	U	10	10
Hexachloro-1,3-butadiene	10	U	10	10
Hexachloroethane	10	U	10	10
Nitrobenzene	10	U	10	10
Pentachlorophenol	50	U	50	50
Pyridine	50	U	50	50
2,4,5-Trichlorophenol	10	U	10	10
2,4,6-Trichlorophenol	10	U	10	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	60	50 - 113
2-Fluorophenol	43	36 - 110
Nitrobenzene-d5	58	45 - 112
Phenol-d5	45	38 - 116
Terphenyl-d14	79	10 - 121
2,4,6-Tribromophenol	81	40 - 139

Client: SCS Engineers

Job Number: 660-36453-1

TCLP SPLPE Leachate Blank - Batch: 680-176868

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID: LB 680-175790/15-F
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/18/2010 0633
Date Prepared: 08/11/2010 1319
Date Leached: 07/29/2010 1722

Analysis Batch: 680-177483
Prep Batch: 680-176868
Units: mg/L

Leachate Batch: 680-175790

Instrument ID: MSG
Lab File ID: g2865.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
o-Cresol	0.050	U	0.050	0.050
m+p-Cresol	0.050	U	0.050	0.050

TCLP SPLPE Leachate Blank - Batch: 680-176868

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID: LB 680-175790/15-F
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/18/2010 0633
Date Prepared: 08/11/2010 1319
Date Leached: 07/29/2010 1722

Analysis Batch: 680-177483
Prep Batch: 680-176868
Units: ug/L

Leachate Batch: 680-175790

Instrument ID: MSG
Lab File ID: g2865.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
1,4-Dichlorobenzene	50	U	50	50
2,4-Dinitrotoluene	50	U	50	50
Hexachlorobenzene	50	U	50	50
Hexachloro-1,3-butadiene	50	U	50	50
Hexachloroethane	50	U	50	50
Nitrobenzene	50	U	50	50
Pentachlorophenol	250	U	250	250
Pyridine	250	U	250	250
2,4,5-Trichlorophenol	50	U	50	50
2,4,6-Trichlorophenol	50	U	50	50

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	79	50 - 113
2-Fluorophenol	67	36 - 110
Nitrobenzene-d5	73	45 - 112
Phenol-d5	62	38 - 116
Terphenyl-d14	91	10 - 121
2,4,6-Tribromophenol	98	40 - 139

Client: SCS Engineers

Job Number: 660-36453-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-176868

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID: LCS 680-176868/6-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/18/2010 1051
Date Prepared: 08/11/2010 1319

Analysis Batch: 680-177483
Prep Batch: 680-176868
Units: mg/L

Instrument ID: MSG
Lab File ID: g2866a.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 680-176868/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/18/2010 1117
Date Prepared: 08/11/2010 1319

Analysis Batch: 680-177483
Prep Batch: 680-176868
Units: mg/L

Instrument ID: MSG
Lab File ID: g2867a.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
o-Cresol	73	71	46 - 110	2	40		
m+p-Cresol	71	70	43 - 110	1	40		

Client: SCS Engineers

Job Number: 660-36453-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-176868

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID: LCS 680-176868/6-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/18/2010 1051
Date Prepared: 08/11/2010 1319

Analysis Batch: 680-177483
Prep Batch: 680-176868
Units: ug/L

Instrument ID: MSG
Lab File ID: g2866a.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 680-176868/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/18/2010 1117
Date Prepared: 08/11/2010 1319

Analysis Batch: 680-177483
Prep Batch: 680-176868
Units: ug/L

Instrument ID: MSG
Lab File ID: g2867a.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	61	52	38 - 110	16	40		
2,4-Dinitrotoluene	91	87	49 - 128	4	40		
Hexachlorobenzene	89	86	48 - 119	4	40		
Hexachloro-1,3-butadiene	67	62	40 - 110	9	40		
Hexachloroethane	61	52	33 - 110	16	40		
Nitrobenzene	76	74	46 - 110	3	40		
Pentachlorophenol	92	84	37 - 132	9	40		
Pyridine	56	53	10 - 110	5	40		
2,4,5-Trichlorophenol	86	81	47 - 122	5	40		
2,4,6-Trichlorophenol	82	80	46 - 120	2	40		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorobiphenyl	75	77	50 - 113
2-Fluorophenol	65	66	36 - 110
Nitrobenzene-d5	78	77	45 - 112
Phenol-d5	66	69	38 - 116
Terphenyl-d14	84	78	10 - 121
2,4,6-Tribromophenol	85	86	40 - 139

Client: SCS Engineers

Job Number: 660-36453-1

Method Blank - Batch: 660-98055

Method: 8081A
Preparation: 3510C

Lab Sample ID: MB 660-98055/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 2339
Date Prepared: 08/02/2010 1632

Analysis Batch: 660-98334
Prep Batch: 660-98055
Units: ug/L

Instrument ID: BSGJ
Lab File ID: 1H0310J021.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 2 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
Endrin	0.61	U	0.61	5.0
gamma-BHC (Lindane)	0.21	U	0.21	2.5
Methoxychlor	0.44	U	0.44	25
Chlordane (technical)	3.4	U	3.4	25
Toxaphene	19	U	19	250
Heptachlor	0.36	U	0.36	2.5
Heptachlor epoxide	0.22	U	0.22	2.5

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	30 - 150
Tetrachloro-m-xylene	75	30 - 150

TCLP SPLPE Leachate Blank - Batch: 660-98055

Method: 8081A
Preparation: 3510C
TCLP

Lab Sample ID: LB 660-97957/1-D
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/04/2010 0005
Date Prepared: 08/02/2010 1632
Date Leached: 07/30/2010 1245

Analysis Batch: 660-98334
Prep Batch: 660-98055
Units: ug/L

Leachate Batch: 660-97957

Instrument ID: BSGJ
Lab File ID: 1H0310J023.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 2 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
Endrin	0.61	U	0.61	5.0
gamma-BHC (Lindane)	0.21	U	0.21	2.5
Methoxychlor	0.44	U	0.44	25
Chlordane (technical)	3.4	U	3.4	25
Toxaphene	19	U	19	250
Heptachlor	0.36	U	0.36	2.5
Heptachlor epoxide	0.22	U	0.22	2.5

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	80	30 - 150
Tetrachloro-m-xylene	67	30 - 150

Client: SCS Engineers

Job Number: 660-36453-1

Lab Control Sample - Batch: 660-98055

Method: 8081A
Preparation: 3510C

Lab Sample ID: LCS 660-98055/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 2352
Date Prepared: 08/02/2010 1632

Analysis Batch: 660-98334
Prep Batch: 660-98055
Units: ug/L

Instrument ID: BSGJ
Lab File ID: 1H0310J022.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 2 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endrin	5.00	4.09	82	49 - 130	
gamma-BHC (Lindane)	5.00	3.82	76	53 - 130	
Methoxychlor	5.00	4.53	91	45 - 130	
Heptachlor	5.00	3.76	75	36 - 130	
Heptachlor epoxide	5.00	3.82	76	41 - 130	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-98055

Method: 8081A
Preparation: 3510C
TCLP

MS Lab Sample ID: 660-36453-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/04/2010 0032
Date Prepared: 08/02/2010 1632
Date Leached: 07/30/2010 1245

Analysis Batch: 660-98334
Prep Batch: 660-98055
Leachate Batch: 660-97957

Instrument ID: BSGJ
Lab File ID: 1H0310J025.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 2 mL
Injection Volume: 2 uL
Column ID: PRIMARY

MSD Lab Sample ID: 660-36453-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/04/2010 0046
Date Prepared: 08/02/2010 1632
Date Leached: 07/30/2010 1245

Analysis Batch: 660-98334
Prep Batch: 660-98055
Leachate Batch: 660-97957

Instrument ID: BSGJ
Lab File ID: 1H0310J026.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 2 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Endrin	77	82	49 - 130	6	30		
gamma-BHC (Lindane)	71	73	53 - 130	3	30		
Methoxychlor	91	95	45 - 130	5	30		
Heptachlor	69	73	36 - 130	6	30		
Heptachlor epoxide	68	74	41 - 130	8	30		

Client: SCS Engineers

Job Number: 660-36453-1

TCLP SPLPE Leachate Blank - Batch: 680-175919

Method: 8151A
Preparation: 8151A
TCLP

Lab Sample ID: LB 680-175790/15-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/03/2010 1443
Date Prepared: 08/02/2010 0804
Date Leached: 07/29/2010 1722

Analysis Batch: 680-176230
Prep Batch: 680-175919
Units: ug/L

Leachate Batch: 680-175790

Instrument ID: SGS
Lab File ID: sh03007.d
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
2,4-D	50	U	50	50
Silvex (2,4,5-TP)	50	U	50	50

Surrogate	% Rec	Acceptance Limits
DCAA	100	50 - 150

Surrogate	% Rec	Acceptance Limits
DCAA	85	50 - 150

Method Blank - Batch: 680-175919

Method: 8151A
Preparation: 8151A

Lab Sample ID: MB 680-175919/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 1459
Date Prepared: 08/02/2010 0804

Analysis Batch: 680-176230
Prep Batch: 680-175919
Units: ug/L

Instrument ID: SGS
Lab File ID: sh03008.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
2,4-D	0.50	U	0.50	0.50
Silvex (2,4,5-TP)	0.50	U	0.50	0.50

Surrogate	% Rec	Acceptance Limits
DCAA	82	50 - 150

Surrogate	% Rec	Acceptance Limits
DCAA	65	50 - 150

Client: SCS Engineers

Job Number: 660-36453-1

Lab Control Sample - Batch: 680-175919

Method: 8151A
Preparation: 8151A

Lab Sample ID: LCS 680-175919/6-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2010 1515
Date Prepared: 08/02/2010 0804

Analysis Batch: 680-176230
Prep Batch: 680-175919
Units: ug/L

Instrument ID: SGS
Lab File ID: sh03009.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4-D	2.00	1.67	83	50 - 150	
Silvex (2,4,5-TP)	2.00	1.57	78	50 - 150	

Surrogate	% Rec	Acceptance Limits
DCAA	89	50 - 150

Surrogate	% Rec	Acceptance Limits
DCAA	87	50 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-175919

Method: 8151A
Preparation: 8151A
TCLP

MS Lab Sample ID: 680-59759-A-3-C MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/03/2010 1618
Date Prepared: 08/02/2010 0804
Date Leached: 07/29/2010 1722

Analysis Batch: 680-176230
Prep Batch: 680-175919
Leachate Batch: 680-175790

Instrument ID: SGS
Lab File ID: sh03013.d
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

MSD Lab Sample ID: 680-59759-A-3-D MSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/03/2010 1634
Date Prepared: 08/02/2010 0804
Date Leached: 07/29/2010 1722

Analysis Batch: 680-176230
Prep Batch: 680-175919
Leachate Batch: 680-175790

Instrument ID: SGS
Lab File ID: sh03014.d
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,4-D	86	91	50 - 150	6	30		
Silvex (2,4,5-TP)	82	79	50 - 150	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCAA	103	86	50 - 150

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCAA	89	86	50 - 150

TCLP SPLPE Leachate Blank - Batch: 660-97963

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: LB 660-97957/1-B ^5
Client Matrix: Solid
Dilution: 5.0
Date Analyzed: 08/02/2010 1031
Date Prepared: 07/30/2010 1310
Date Leached: 07/30/2010 1245

Analysis Batch: 660-98038
Prep Batch: 660-97963
Units: ug/L

Leachate Batch: 660-97957

Instrument ID: ICPA
Lab File ID: 10H02A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Silver	50	U	50	500
Arsenic	120	U	120	1000
Barium	30	U	30	500
Cadmium	18	U	18	500
Chromium	50	U	50	1000
Lead	40	U	40	1000
Selenium	150	U	150	500

Lab Control Sample - Batch: 660-97963

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 660-97963/2-A ^5
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 08/02/2010 0949
Date Prepared: 07/30/2010 1310

Analysis Batch: 660-98038
Prep Batch: 660-97963
Units: ug/L

Instrument ID: ICPA
Lab File ID: 10H02A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	1000	1030	103	75 - 125	
Arsenic	1000	1080	108	75 - 125	
Barium	1000	965	97	75 - 125	
Cadmium	1000	1090	109	75 - 125	
Chromium	990	1050	106	75 - 125	
Lead	1000	1070	107	75 - 125	
Selenium	1000	1060	106	75 - 125	

Client: SCS Engineers

Job Number: 660-36453-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-97963

Method: 6010B
Preparation: 3010A
TCLP

MS Lab Sample ID:	660-36433-A-1-F MS ^5	Analysis Batch: 660-98038	Instrument ID: ICPA
Client Matrix:	Solid	Prep Batch: 660-97963	Lab File ID: 10H02A
Dilution:	5.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/02/2010 1007		Final Weight/Volume: 50 mL
Date Prepared:	07/30/2010 1310		
Date Leached:	07/28/2010 1645	Leachate Batch: 660-97852	
MSD Lab Sample ID:	660-36433-A-1-G MSD	Analysis Batch: 660-98038	Instrument ID: ICPA
Client Matrix:	Solid	Prep Batch: 660-97963	Lab File ID: 10H02A
Dilution:	5.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/02/2010 1013		Final Weight/Volume: 50 mL
Date Prepared:	07/30/2010 1310		
Date Leached:	07/28/2010 1645	Leachate Batch: 660-97852	

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	104	103	75 - 125	200	20		J3
Arsenic	108	107	75 - 125	200	20		J3
Barium	295	287	75 - 125	200	20	J3	J3
Cadmium	108	106	75 - 125	200	20		J3
Chromium	107	106	75 - 125	200	20		J3
Lead	110	109	75 - 125	200	20		J3
Selenium	107	104	75 - 125	200	20		J3

Client: SCS Engineers

Job Number: 660-36453-1

Method Blank - Batch: 660-98002

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 660-98002/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1324
Date Prepared: 08/02/2010 0900

Analysis Batch: 660-98049
Prep Batch: 660-98002
Units: ug/L

Instrument ID: PS200II
Lab File ID: 10H02PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.36	U	0.36	0.50

TCLP SPLPE Leachate Blank - Batch: 660-98002

Method: 7470A
Preparation: 7470A
TCLP

Lab Sample ID: LB 660-97957/1-C
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/02/2010 1505
Date Prepared: 08/02/2010 0900
Date Leached: 07/30/2010 1245

Analysis Batch: 660-98049
Prep Batch: 660-98002
Units: ug/L

Leachate Batch: 660-97957

Instrument ID: PS200II
Lab File ID: 10H02PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.36	U	0.36	0.50

Client: SCS Engineers

Job Number: 660-36453-1

Lab Control Sample - Batch: 660-98002

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 660-98002/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1329
Date Prepared: 08/02/2010 0900

Analysis Batch: 660-98049
Prep Batch: 660-98002
Units: ug/L

Instrument ID: PS200II
Lab File ID: 10H02PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.993	99	80 - 120	

Lab Control Sample - Batch: 660-98002

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 660-98002/24-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2010 1507
Date Prepared: 08/02/2010 0900

Analysis Batch: 660-98049
Prep Batch: 660-98002
Units: ug/L

Instrument ID: PS200II
Lab File ID: 10H02PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.942	94	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-98002

Method: 7470A
Preparation: 7470A
TCLP

MS Lab Sample ID: 660-36474-A-9-D MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/02/2010 1518
Date Prepared: 08/02/2010 0900
Date Leached: 07/30/2010 1245

Analysis Batch: 660-98049
Prep Batch: 660-98002
Leachate Batch: 660-97957

Instrument ID: PS200II
Lab File ID: 10H02PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 660-36474-A-9-E MSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/02/2010 1521
Date Prepared: 08/02/2010 0900
Date Leached: 07/30/2010 1245

Analysis Batch: 660-98049
Prep Batch: 660-98002
Leachate Batch: 660-97957

Instrument ID: PS200II
Lab File ID: 10H02PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	89	95	80 - 120	6	20		

Client: SCS Engineers

Job Number: 660-36453-1

Method Blank - Batch: 660-98518

Method: 2540G
Preparation: N/A

Lab Sample ID: MB 660-98518/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/11/2010 1650
Date Prepared: N/A

Analysis Batch: 660-98518
Prep Batch: N/A
Units: %

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

Analyte	Result	Qual	PQL	PQL
Total Solids	0.10	U	0.10	0.10

Lab Control Sample - Batch: 660-98518

Method: 2540G
Preparation: N/A

Lab Sample ID: LCS 660-98518/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/11/2010 1650
Date Prepared: N/A

Analysis Batch: 660-98518
Prep Batch: N/A
Units: %

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Solids	1.00	0.995	99	80 - 120	

Duplicate - Batch: 660-98518

Method: 2540G
Preparation: N/A

Lab Sample ID: 660-36414-A-4 DU
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/11/2010 1650
Date Prepared: N/A

Analysis Batch: 660-98518
Prep Batch: N/A
Units: %

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

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Total Solids	0.10	U	0.10	NC		U

Client: SCS Engineers

Job Number: 660-36453-1

Method Blank - Batch: 660-97916

Method: 9045C
Preparation: N/A

Lab Sample ID: MB 660-97913/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/29/2010 1800
Date Prepared: N/A
Date Leached: 07/29/2010 1700

Analysis Batch: 660-97916
Prep Batch: N/A
Units: SU

Leachate Batch: 660-97913

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	PQL	PQL
pH-Soluble	7.150		1.00	1.00

Lab Control Sample - Batch: 660-97916

Method: 9045C
Preparation: N/A

Lab Sample ID: LCS 660-97913/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/29/2010 1800
Date Prepared: N/A
Date Leached: 07/29/2010 1700

Analysis Batch: 660-97916
Prep Batch: N/A
Units: SU

Leachate Batch: 660-97913

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
pH-Soluble	6.00	6.010	100	98 - 102	

Duplicate - Batch: 660-97916

Method: 9045C
Preparation: N/A

Lab Sample ID: 660-36447-A-2-C DU
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/29/2010 1800
Date Prepared: N/A
Date Leached: 07/29/2010 1700

Analysis Batch: 660-97916
Prep Batch: N/A
Units: SU

Leachate Batch: 660-97913

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 10 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH-Soluble	6.95	6.930	0	20	

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

660-36453

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

08/24/2010

Client Information	Sampler: Brett Harvey	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-30263.1
Client Contact: Mr. Ken Guilbeault	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: SCS Engineers				Job #:
Address: 4041 Park Oaks Blvd Suite 100	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33610				
Phone:	PO #: Purchase Order Requested			
Email: kguilbeault@scsengineers.com	WO #:			
Project Name: Citrus County 2010 Inf,Eff, Leachate Col	Project #: 66002924			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081A, 8151A, 8270C	8260B - Volatiles TCLP	6010B, 7470A	9045C - pH, Percent Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
Leachate Sludge	7/27/10	845	G	Solid			X	X	X	X		

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:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 7/27/10 @ 1029	Company: T&G	Received by:	Date/Time: 7/27/10 1425	Company: T&G
Relinquished by:	Date/Time: 7/27/10 1720	Company: T&G	Received by:	Date/Time: 7/27/10 1720	Company: DA
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: 4.2° C CW07

Login Sample Receipt Check List

Client: SCS Engineers

Job Number: 660-36453-1

Login Number: 36453
List Source: TestAmerica Tampa
Creator: Harrison, Amanda
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	4.2 degrees C CU-07
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	very watery sample
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Login Sample Receipt Check List

Client: SCS Engineers

Job Number: 660-36453-1

Login Number: 36453
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 07/29/10 09:12 AM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 660-37143-1

Job Description: Citrus County 2010 Eff

For:
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Attention: Mr. Ken Guilbeault

Approved for release.
Nancy Robertson
Project Manager II
9/21/2010 12:51 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
09/21/2010

Methods: FDEP, DOH Certification #: E84282, E81005 These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria. The LCS associated with batch 99862 had Acetone and 2-Butanone outside control limits. The associated samples are flagged with J3.

Method 8260B: The matrix spike recoveries for batch 99862 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria for two of the compounds. The sample is flagged with J3.

Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria. The LCS associated with batch 100007 had Dibromomethane and trans-1,4-Dichloro-2-butene outside control limits. These results have been reported and qualified. This only applies to the diluted run for Dichlorobromomethane on sample Leachate Eff.

Method 8260B: Due to the instrument stopping, the matrix spike and matrix spike duplicate did not run. Therefore only the LCS is reported for QC in batch 100007.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: SCS Engineers

Job Number: 660-37143-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-37143-1	**LEACHATE EFF**					
Acetone		15	I J3	20	ug/L	8260B
Bromoform		36		1.0	ug/L	8260B
Carbon tetrachloride		0.45	I	1.0	ug/L	8260B
Chlorodibromomethane		110		1.0	ug/L	8260B
Chloroform		110		1.0	ug/L	8260B
Dichlorobromomethane		170		5.0	ug/L	8260B
Field pH		7.69			SU	Field Sampling
Oxidation Reduction Potential		-1.8			millivolts	Field Sampling
Oxygen, Dissolved		1.42			mg/L	Field Sampling
Sheen		None			SU	Field Sampling
Specific Conductance		4167			umhos/cm	Field Sampling
Temperature		29.4			Degrees C	Field Sampling
Turbidity		2.71			NTU	Field Sampling
Total Recoverable						
Arsenic		20		2.5	ug/L	6020A

METHOD SUMMARY

Client: SCS Engineers Job Number: 660-37143-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
Metals (ICP/MS)	TAL SAV	SW846 6020A	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: SCS Engineers

Job Number: 660-37143-1

Method	Analyst	Analyst ID
SW846 8260B	Perrin, Todd	TP
SW846 6020A	Robertson, Bryn	BR
EPA Field Sampling	Sampler, Field	FS

SAMPLE SUMMARY

Client: SCS Engineers

Job Number: 660-37143-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-37143-1	Leachate Eff	Water	09/09/2010 1220	09/10/2010 1000
660-37143-2	Trip Blank	Water	09/09/2010 0000	09/10/2010 1000

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Job Number: 660-37143-1
Lab Sample Id: 660-37143-1
Client Matrix: Water
Date Sampled: 09/09/2010 1220
Date Received: 09/10/2010 1000

Client Sample ID: Leachate Eff

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Acetone	15	I J3	ug/L	9.9	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Acrylonitrile	1.2	U	ug/L	1.2	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Benzene	0.50	U	ug/L	0.50	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Bromoform	36		ug/L	0.58	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Bromomethane	2.5	U	ug/L	2.5	8260B	09/10/2010 1751	09/10/2010 1751	1.0
2-Butanone (MEK)	8.4	U J3	ug/L	8.4	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Carbon disulfide	1.0	U	ug/L	1.0	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Carbon tetrachloride	0.45	I	ug/L	0.42	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Chlorobenzene	0.63	U	ug/L	0.63	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Chlorobromomethane	0.58	U	ug/L	0.58	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Chlorodibromomethane	110		ug/L	0.34	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Chloroethane	2.5	U	ug/L	2.5	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Chloroform	110		ug/L	0.90	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Chloromethane	1.0	U	ug/L	1.0	8260B	09/10/2010 1751	09/10/2010 1751	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	8260B	09/10/2010 1751	09/10/2010 1751	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Dibromomethane	0.41	U	ug/L	0.41	8260B	09/10/2010 1751	09/10/2010 1751	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	8260B	09/10/2010 1751	09/10/2010 1751	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Dichlorobromomethane - DL	170		ug/L	1.8	8260B	09/14/2010 1544	09/14/2010 1544	5.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	8260B	09/10/2010 1751	09/10/2010 1751	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	8260B	09/10/2010 1751	09/10/2010 1751	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	8260B	09/10/2010 1751	09/10/2010 1751	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Ethylbenzene	0.44	U	ug/L	0.44	8260B	09/10/2010 1751	09/10/2010 1751	1.0
2-Hexanone	4.4	U J3	ug/L	4.4	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Iodomethane	2.5	U	ug/L	2.5	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Methylene Chloride	4.0	U	ug/L	4.0	8260B	09/10/2010 1751	09/10/2010 1751	1.0
4-Methyl-2-pentanone (MIBK)	3.8	U J3	ug/L	3.8	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Styrene	0.98	U	ug/L	0.98	8260B	09/10/2010 1751	09/10/2010 1751	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	8260B	09/10/2010 1751	09/10/2010 1751	1.0

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Job Number: 660-37143-1
Lab Sample Id: 660-37143-1
Client Matrix: Water
Date Sampled: 09/09/2010 1220
Date Received: 09/10/2010 1000

Client Sample ID: Leachate Eff

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Toluene	0.51	U	ug/L	0.51	8260B	09/10/2010 1751	09/10/2010 1751	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	8260B	09/10/2010 1751	09/10/2010 1751	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	8260B	09/10/2010 1751	09/10/2010 1751	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	09/10/2010 1751	09/10/2010 1751	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	8260B	09/10/2010 1751	09/10/2010 1751	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Trichloroethene	0.50	U	ug/L	0.50	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	8260B	09/10/2010 1751	09/10/2010 1751	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Vinyl acetate	1.5	U	ug/L	1.5	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Vinyl chloride	0.50	U	ug/L	0.50	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Xylenes, Total	0.50	U	ug/L	0.50	8260B	09/10/2010 1751	09/10/2010 1751	1.0
Surrogate						Acceptance Limits		
4-Bromofluorobenzene - DL	99		%		8260B	70 - 130		
4-Bromofluorobenzene	100		%		8260B	70 - 130		
Dibromofluoromethane - DL	93		%		8260B	70 - 130		
Dibromofluoromethane	92		%		8260B	70 - 130		
Toluene-d8 (Surr) - DL	98		%		8260B	70 - 130		
Toluene-d8 (Surr)	100		%		8260B	70 - 130		
METALS								
Arsenic	20		ug/L	1.3	6020A - Total Recoverable	09/15/2010 1500	09/16/2010 1743	1.0
FIELD SERVICE / MOBILE LAB								
Field pH	7.69		SU		Field Sampling		09/09/2010 1220	1.0
Oxidation Reduction Potential	-1.8		millivolts		Field Sampling		09/09/2010 1220	1.0
Oxygen, Dissolved	1.42		mg/L		Field Sampling		09/09/2010 1220	1.0
Sheen	None		SU		Field Sampling		09/09/2010 1220	1.0

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Job Number: 660-37143-1
Lab Sample Id: 660-37143-1
Client Matrix: Water
Date Sampled: 09/09/2010 1220
Date Received: 09/10/2010 1000

Client Sample ID: Leachate Eff

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
FIELD SERVICE / MOBILE LAB							
Specific Conductance	4167	umhos/cm		Field Sampling		09/09/2010 1220	1.0
Temperature	29.4	Degrees C		Field Sampling		09/09/2010 1220	1.0
Turbidity	2.71	NTU		Field Sampling		09/09/2010 1220	1.0

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Job Number: 660-37143-1
Lab Sample Id: 660-37143-2
Client Matrix: Water
Date Sampled: 09/09/2010 0000
Date Received: 09/10/2010 1000

Client Sample ID: Trip Blank

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Acetone	9.9	U J3	ug/L	9.9	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Acrylonitrile	1.2	U	ug/L	1.2	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Benzene	0.50	U	ug/L	0.50	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Bromoform	0.58	U	ug/L	0.58	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Bromomethane	2.5	U	ug/L	2.5	8260B	09/10/2010 1724	09/10/2010 1724	1.0
2-Butanone (MEK)	8.4	U J3	ug/L	8.4	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Carbon disulfide	1.0	U	ug/L	1.0	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Chlorobenzene	0.63	U	ug/L	0.63	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Chlorobromomethane	0.58	U	ug/L	0.58	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Chloroethane	2.5	U	ug/L	2.5	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Chloroform	0.90	U	ug/L	0.90	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Chloromethane	1.0	U	ug/L	1.0	8260B	09/10/2010 1724	09/10/2010 1724	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	8260B	09/10/2010 1724	09/10/2010 1724	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Dibromomethane	0.41	U	ug/L	0.41	8260B	09/10/2010 1724	09/10/2010 1724	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	8260B	09/10/2010 1724	09/10/2010 1724	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Dichlorobromomethane	0.35	U	ug/L	0.35	8260B	09/10/2010 1724	09/10/2010 1724	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	8260B	09/10/2010 1724	09/10/2010 1724	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	8260B	09/10/2010 1724	09/10/2010 1724	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	8260B	09/10/2010 1724	09/10/2010 1724	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Ethylbenzene	0.44	U	ug/L	0.44	8260B	09/10/2010 1724	09/10/2010 1724	1.0
2-Hexanone	4.4	U	ug/L	4.4	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Iodomethane	2.5	U	ug/L	2.5	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Methylene Chloride	4.0	U	ug/L	4.0	8260B	09/10/2010 1724	09/10/2010 1724	1.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Styrene	0.98	U	ug/L	0.98	8260B	09/10/2010 1724	09/10/2010 1724	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	8260B	09/10/2010 1724	09/10/2010 1724	1.0

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Job Number: 660-37143-1
Lab Sample Id: 660-37143-2
Client Matrix: Water
Date Sampled: 09/09/2010 0000
Date Received: 09/10/2010 1000

Client Sample ID: Trip Blank

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Toluene	0.51	U	ug/L	0.51	8260B	09/10/2010 1724	09/10/2010 1724	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	8260B	09/10/2010 1724	09/10/2010 1724	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	8260B	09/10/2010 1724	09/10/2010 1724	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	8260B	09/10/2010 1724	09/10/2010 1724	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	8260B	09/10/2010 1724	09/10/2010 1724	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Trichloroethene	0.50	U	ug/L	0.50	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	8260B	09/10/2010 1724	09/10/2010 1724	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Vinyl acetate	1.5	U	ug/L	1.5	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Vinyl chloride	0.50	U	ug/L	0.50	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Xylenes, Total	0.50	U	ug/L	0.50	8260B	09/10/2010 1724	09/10/2010 1724	1.0
Surrogate						Acceptance Limits		
4-Bromofluorobenzene	102		%		8260B	70 - 130		
Dibromofluoromethane	97		%		8260B	70 - 130		
Toluene-d8 (Surr)	102		%		8260B	70 - 130		

DATA REPORTING QUALIFIERS

Client: SCS Engineers Job Number: 660-37143-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	L	Off-scale high. Actual value is known to be greater than the value given.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Metals		
	U	Indicates that the compound was analyzed for but not detected.

Client: SCS Engineers

Job Number: 660-37143-1

Method Blank - Batch: 660-100007

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-100007/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/14/2010 1309
Date Prepared: 09/14/2010 1309

Analysis Batch: 660-100007
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH5973
Lab File ID: 1HI1410.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: SCS Engineers

Job Number: 660-37143-1

Method Blank - Batch: 660-100007

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-100007/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/14/2010 1309
Date Prepared: 09/14/2010 1309

Analysis Batch: 660-100007
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH5973
Lab File ID: 1HI1410.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	70 - 130
Dibromofluoromethane	90	70 - 130
Toluene-d8 (Surr)	97	70 - 130

Client: SCS Engineers

Job Number: 660-37143-1

Lab Control Sample - Batch: 660-100007

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-100007/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/14/2010 1225
Date Prepared: 09/14/2010 1225

Analysis Batch: 660-100007
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH5973
Lab File ID: 1HI1408.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	55.4	139	62 - 142	
Acrylonitrile	40.0	34.6	87	59 - 146	
Benzene	20.0	18.5	93	68 - 134	
Bromoform	20.0	14.3	71	65 - 130	
Bromomethane	20.0	21.4	107	22 - 150	
2-Butanone (MEK)	40.0	53.6	134	63 - 140	
Carbon disulfide	40.0	37.7	94	30 - 150	
Carbon tetrachloride	20.0	16.4	82	61 - 134	
Chlorobenzene	20.0	19.5	97	70 - 130	
Chlorobromomethane	20.0	16.9	84	65 - 130	
Chlorodibromomethane	20.0	23.0	115	70 - 130	
Chloroethane	20.0	18.9	94	39 - 150	
Chloroform	20.0	17.0	85	68 - 130	
Chloromethane	20.0	15.4	77	35 - 150	
cis-1,2-Dichloroethene	20.0	18.0	90	66 - 130	
cis-1,3-Dichloropropene	20.0	21.7	109	70 - 130	
Dibromomethane	20.0	26.5	132	70 - 130	J3
1,2-Dichlorobenzene	20.0	19.6	98	70 - 130	
1,4-Dichlorobenzene	20.0	19.5	97	70 - 130	
Dichlorobromomethane	20.0	23.8	119	70 - 130	
1,1-Dichloroethane	20.0	17.5	87	66 - 130	
1,2-Dichloroethane	20.0	16.6	83	70 - 130	
1,1-Dichloroethene	20.0	17.7	89	51 - 150	
1,2-Dichloropropane	20.0	25.9	129	70 - 130	
Ethylbenzene	20.0	19.7	99	70 - 130	
2-Hexanone	40.0	52.9	132	60 - 148	
Iodomethane	40.0	39.1	98	70 - 130	
Methylene Chloride	20.0	17.5	87	57 - 130	
4-Methyl-2-pentanone (MIBK)	40.0	53.9	135	64 - 137	
Styrene	20.0	24.9	124	68 - 131	
1,1,1,2-Tetrachloroethane	20.0	25.3	126	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	20.7	104	70 - 130	
Tetrachloroethene	20.0	19.3	96	50 - 143	
Toluene	20.0	19.9	100	70 - 131	
trans-1,4-Dichloro-2-butene	40.0	25.0	63	70 - 130	J3
trans-1,2-Dichloroethene	20.0	16.1	80	62 - 139	
trans-1,3-Dichloropropene	20.0	14.4	72	67 - 130	
1,1,1-Trichloroethane	20.0	16.0	80	63 - 132	
1,1,2-Trichloroethane	20.0	24.7	124	70 - 130	
Trichloroethene	20.0	16.3	81	63 - 139	
Trichlorofluoromethane	20.0	19.4	97	62 - 146	
1,2,3-Trichloropropane	20.0	18.5	92	66 - 130	
Vinyl acetate	20.0	13.6	68	31 - 146	

Client: SCS Engineers

Job Number: 660-37143-1

Lab Control Sample - Batch: 660-100007

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-100007/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/14/2010 1225
Date Prepared: 09/14/2010 1225

Analysis Batch: 660-100007
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH5973
Lab File ID: 1HI1408.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Vinyl chloride	20.0	18.1	90	48 - 147	
Xylenes, Total	60.0	72.7	121	68 - 130	

Client: SCS Engineers

Job Number: 660-37143-1

Method Blank - Batch: 660-99862

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-99862/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/10/2010 1216
Date Prepared: 09/10/2010 1216

Analysis Batch: 660-99862
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GI1006.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: SCS Engineers

Job Number: 660-37143-1

Method Blank - Batch: 660-99862

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-99862/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/10/2010 1216
Date Prepared: 09/10/2010 1216

Analysis Batch: 660-99862
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GI1006.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	103	70 - 130
Dibromofluoromethane	99	70 - 130
Toluene-d8 (Surr)	101	70 - 130

Client: SCS Engineers

Job Number: 660-37143-1

Lab Control Sample - Batch: 660-99862

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-99862/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/10/2010 1120
Date Prepared: 09/10/2010 1120

Analysis Batch: 660-99862
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GI1004.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	63.8	159	62 - 142	J3
Acrylonitrile	40.0	45.0	113	59 - 146	
Benzene	20.0	20.8	104	68 - 134	
Bromoform	20.0	19.8	99	65 - 130	
Bromomethane	20.0	15.1	75	22 - 150	
2-Butanone (MEK)	40.0	58.3	146	63 - 140	J3
Carbon disulfide	40.0	46.3	116	30 - 150	
Carbon tetrachloride	20.0	20.8	104	61 - 134	
Chlorobenzene	20.0	20.2	101	70 - 130	
Chlorobromomethane	20.0	19.9	100	65 - 130	
Chlorodibromomethane	20.0	19.9	99	70 - 130	
Chloroethane	20.0	22.3	112	39 - 150	
Chloroform	20.0	21.7	109	68 - 130	
Chloromethane	20.0	21.0	105	35 - 150	
cis-1,2-Dichloroethene	20.0	22.4	112	66 - 130	
cis-1,3-Dichloropropene	20.0	20.8	104	70 - 130	
Dibromomethane	20.0	21.5	108	70 - 130	
1,2-Dichlorobenzene	20.0	21.1	105	70 - 130	
1,4-Dichlorobenzene	20.0	21.0	105	70 - 130	
Dichlorobromomethane	20.0	21.5	107	70 - 130	
1,1-Dichloroethane	20.0	20.9	105	66 - 130	
1,2-Dichloroethane	20.0	20.8	104	70 - 130	
1,1-Dichloroethene	20.0	18.7	94	51 - 150	
1,2-Dichloropropane	20.0	21.5	108	70 - 130	
Ethylbenzene	20.0	20.8	104	70 - 130	
2-Hexanone	40.0	54.6	136	60 - 148	
Iodomethane	40.0	36.0	90	70 - 130	
Methylene Chloride	20.0	21.7	109	57 - 130	
4-Methyl-2-pentanone (MIBK)	40.0	46.1	115	64 - 137	
Styrene	20.0	20.5	103	68 - 131	
1,1,1,2-Tetrachloroethane	20.0	19.8	99	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	22.1	110	70 - 130	
Tetrachloroethene	20.0	16.5	82	50 - 143	
Toluene	20.0	20.5	103	70 - 131	
trans-1,4-Dichloro-2-butene	40.0	46.3	116	70 - 130	
trans-1,2-Dichloroethene	20.0	20.8	104	62 - 139	
trans-1,3-Dichloropropene	20.0	20.5	103	67 - 130	
1,1,1-Trichloroethane	20.0	20.3	101	63 - 132	
1,1,2-Trichloroethane	20.0	20.0	100	70 - 130	
Trichloroethene	20.0	20.0	100	63 - 139	
Trichlorofluoromethane	20.0	24.5	123	62 - 146	
1,2,3-Trichloropropane	20.0	19.5	97	66 - 130	
Vinyl acetate	20.0	22.7	113	31 - 146	

Client: SCS Engineers

Job Number: 660-37143-1

Lab Control Sample - Batch: 660-99862

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-99862/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/10/2010 1120
Date Prepared: 09/10/2010 1120

Analysis Batch: 660-99862
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GI1004.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Vinyl chloride	20.0	21.8	109	48 - 147	
Xylenes, Total	60.0	64.0	107	68 - 130	

Client: SCS Engineers

Job Number: 660-37143-1

Matrix Spike - Batch: 660-99862

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-37143-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/10/2010 1819
Date Prepared: 09/10/2010 1819

Analysis Batch: 660-99862
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GI1019.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Acetone	15	I	40.0	111	241	62 - 142	J3
Acrylonitrile	1.2	U	40.0	42.6	107	59 - 146	
Benzene	0.50	U	20.0	21.3	107	68 - 134	
Bromoform	36		20.0	60.7	126	65 - 130	
Bromomethane	2.5	U	20.0	14.5	72	22 - 150	
2-Butanone (MEK)	8.4	U	40.0	79.0	198	63 - 140	J3
Carbon disulfide	1.0	U	40.0	43.0	107	30 - 150	
Carbon tetrachloride	0.45	I	20.0	22.0	108	61 - 134	
Chlorobenzene	0.63	U	20.0	21.1	105	70 - 130	
Chlorobromomethane	0.58	U	20.0	19.3	97	65 - 130	
Chlorodibromomethane	110		20.0	134	124	70 - 130	
Chloroethane	2.5	U	20.0	24.2	121	39 - 150	
Chloroform	110		20.0	130	111	68 - 130	
Chloromethane	1.0	U	20.0	21.2	106	35 - 150	
cis-1,2-Dichloroethene	0.65	U	20.0	21.1	106	66 - 130	
cis-1,3-Dichloropropene	0.14	U	20.0	21.0	105	70 - 130	
Dibromomethane	0.41	U	20.0	21.8	109	70 - 130	
1,2-Dichlorobenzene	0.44	U	20.0	20.4	102	70 - 130	
1,4-Dichlorobenzene	0.52	U	20.0	19.8	99	70 - 130	
Dichlorobromomethane	170		20.0	193	111	70 - 130	L
1,1-Dichloroethane	0.52	U	20.0	20.5	102	66 - 130	
1,2-Dichloroethane	0.57	U	20.0	20.0	100	70 - 130	
1,1-Dichloroethene	0.45	U	20.0	19.9	99	51 - 150	
1,2-Dichloropropane	0.52	U	20.0	21.8	109	70 - 130	
Ethylbenzene	0.44	U	20.0	22.1	111	70 - 130	
2-Hexanone	4.4	U	40.0	87.4	218	60 - 148	J3
Iodomethane	2.5	U	40.0	28.6	71	70 - 130	
Methylene Chloride	4.0	U	20.0	18.3	91	57 - 130	
4-Methyl-2-pentanone (MIBK)	3.8	U	40.0	57.8	144	64 - 137	J3
Styrene	0.98	U	20.0	21.3	107	68 - 131	
1,1,1,2-Tetrachloroethane	0.63	U	20.0	20.4	102	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	20.0	20.7	103	70 - 130	
Tetrachloroethene	0.50	U	20.0	17.8	89	50 - 143	
Toluene	0.51	U	20.0	21.8	109	70 - 131	
trans-1,4-Dichloro-2-butene	2.5	U	40.0	46.0	115	70 - 130	
trans-1,2-Dichloroethene	0.44	U	20.0	19.8	99	62 - 139	
trans-1,3-Dichloropropene	0.14	U	20.0	21.8	109	67 - 130	
1,1,1-Trichloroethane	0.46	U	20.0	21.2	106	63 - 132	

Client: SCS Engineers

Job Number: 660-37143-1

Matrix Spike - Batch: 660-99862

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-37143-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/10/2010 1819
Date Prepared: 09/10/2010 1819

Analysis Batch: 660-99862
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GI1019.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	0.47	U	20.0	20.8	104	70 - 130	
Trichloroethene	0.50	U	20.0	20.5	103	63 - 139	
Trichlorofluoromethane	2.5	U	20.0	23.9	120	62 - 146	
1,2,3-Trichloropropane	0.18	U	20.0	20.2	101	66 - 130	
Vinyl acetate	1.5	U	20.0	22.1	111	31 - 146	
Vinyl chloride	0.50	U	20.0	21.6	108	48 - 147	
Xylenes, Total	0.50	U	60.0	67.6	113	68 - 130	

Client: SCS Engineers

Job Number: 660-37143-1

Duplicate - Batch: 660-99862

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-37151-D-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/10/2010 1656
Date Prepared: 09/10/2010 1656

Analysis Batch: 660-99862
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GI1016.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U J3
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U J3
Carbon disulfide	1.0	U	1.0	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chlorobromomethane	0.58	U	0.58	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
Dichlorobromomethane	0.35	U	0.35	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U
Styrene	0.98	U	0.98	NC	30	U
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U
Trichloroethene	0.50	U	0.50	NC	30	U

Client: SCS Engineers

Job Number: 660-37143-1

Duplicate - Batch: 660-99862

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-37151-D-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/10/2010 1656
Date Prepared: 09/10/2010 1656

Analysis Batch: 660-99862
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GI1016.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	70 - 130
Dibromofluoromethane	101	70 - 130
Toluene-d8 (Surr)	100	70 - 130

Client: SCS Engineers

Job Number: 660-37143-1

Method Blank - Batch: 680-180005

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-180005/20-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/16/2010 1728
Date Prepared: 09/15/2010 1500

Analysis Batch: 680-180328
Prep Batch: 680-180005
Units: ug/L

Instrument ID: ICPMSA
Lab File ID: 180005180005.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Arsenic	1.3	U	1.3	2.5

Lab Control Sample - Batch: 680-180005

Method: 6020A
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-180005/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/16/2010 1735
Date Prepared: 09/15/2010 1500

Analysis Batch: 680-180328
Prep Batch: 680-180005
Units: ug/L

Instrument ID: ICPMSA
Lab File ID: 180005180005.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	100	90.2	90	75 - 125	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-180005

Method: 6020A
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 640-29874-E-2-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/16/2010 1824
Date Prepared: 09/15/2010 1500

Analysis Batch: 680-180328
Prep Batch: 680-180005

Instrument ID: ICPMSA
Lab File ID: 180005180005.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 640-29874-E-2-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/16/2010 1831
Date Prepared: 09/15/2010 1500

Analysis Batch: 680-180328
Prep Batch: 680-180005

Instrument ID: ICPMSA
Lab File ID: 180005180005.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	103	104	75 - 125	2	20		

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

660-37143

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09/21/2010

Client Information	Sampler: Brett Harvey	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-31258.1
Client Contact: Mr. Ken Guilbeault	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: SCS Engineers				Job #:
Address: 4041 Park Oaks Blvd Suite 100	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33610				
Phone:	PO #: Purchase Order Requested			
Email: kguilbeault@scsengineers.com	WO #:			
Project Name: Citrus County 2010 Inf,Eff, Leachate Col	Project #: 66002924			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Appendix I + THMs	6020A - Arsenic	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	D		
Leachate EFF	9/9/10	1220	G	Water			X	X		
Trip Blank				Water			X			

Page 26 of 33

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:	Date: 9/8/10	Time: 735	Method of Shipment: Sampleex

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
1		9/9/10 @ 1402		Carol McNulty	9/10/10 1000	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	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: 3.3°C CW07

Meter #'s: _____ PAGE: _____ of _____ 37143

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

CLIENT NAME: SCS Engineers SAMPLERS: Brett Harvey Time Out: _____
SURVEY/PROJECT: EFF Resample (Leachate) _____ Time In: _____

SAMPLE ID	TIME HR:MIN	TOTAL DEPTH (feet)	SECCHI (feet)	SAMPLE DEPTH (feet)	WATER TEMP (Celsius)	DO (mg/L)	FIELD Ox-Red (mV)	Cond (µS/cm)	SALINITY (ppt)	PH (su)	TURBIDITY (NTU)	Comments
Leachate EFF	1220	3.0	—	Surface	29.4	1.42	-1.8	4167	—	7.69	2.71	No Sheen
												Light
												Yellow

Instrument Calibrations: YSI 3500 Calibrated to pH 7.00,slope to pH 4.00, pH 6.00=

KCL Conductivity Standards: 0.001M = _____ (147µΩ/cm) 0.01M = _____ (1413µΩ/cm) YSI 85 D.O. Meter Calibrated to ___mg/L @ ___°C Cooler Temp: ___°C

Signature: B.H Relinquished by: B.H Date: 9/19/10 Time: 1432

Date Completed: 9/19/10 Received by: _____ Date: / / Time: _____

FIELD CONDITIONS FOR STATION# _____ AT TIME _____:		
CLOUD COVER (%): 90%	WIND DIRECTION: Calm	TIDAL STAGE: N/A
PREVIOUS RAINFALL: 1	WIND SPEED (MPH/KNOTS): Calm	WAVE CONDITIONS: N/A

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

09/21/2010

Page 27 of 33

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

INSTRUMENT (MAKE/MODEL#) YSI-556 MPS **INSTRUMENT #** M-1

PARAMETER: *[check only one]*

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☒ pH ☐ ORP

☐ TURBIDITY ☐ RESIDUAL Cl ☐ DO ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A Fisher 7.00 Lot-092920 exp 6/11

Standard B " 4.00 093740 " 2/11

Standard C " 10.00 09514 " 9/11

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
9-9-10	840	A	7	7.00	0	Y	INIT	BA
"	"	B	4	4.00	0	Y	"	"
"	"	C	10	10.00	0	Y	"	"

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

INSTRUMENT (MAKE/MODEL#) YSI 556. **INSTRUMENT #** M-1

PARAMETER: *[check only one]*

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☐ TURBIDITY ☐ RESIDUAL Cl ☑ DO ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A _____

Standard B _____

Standard C _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
9-9-10	945	A/26.8	8.11	26.4/8.01	—	Y	INT	GB

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

INSTRUMENT (MAKE/MODEL#) YSI 556 MPS **INSTRUMENT #** M-1

PARAMETER: *[check only one]*

☐ TEMPERATURE ☒ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☐ TURBIDITY ☐ RESIDUAL Cl ☐ DO ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A Conductivity STD. 100 exp 3/11 A
Standard B " " 1000 exp 3/11 B
Standard C _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
9-9-10	910	A	100	101	1	Y	INT	KSA
"	"	B	1000	999	1	Y	"	KSA

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #** M-1

PARAMETER: *[check only one]*

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☐ pH ☒ ORP
☐ TURBIDITY ☐ RESIDUAL Cl ☐ DO ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A Zobells solution. Redox 228 millivolts Lot 2909651

Standard B _____

Standard C _____

DATE (yy/mm/dd)	TIME (hr.min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV.	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
9-9-10	900	A	228	228	0	Yes	INT	SH

Login Sample Receipt Check List

Client: SCS Engineers

Job Number: 660-37143-1

Login Number: 37143
Creator: McNulty, Carol
List Number: 1

List Source: TestAmerica Tampa

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	3.3 degrees C Cu-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Login Sample Receipt Check List

Client: SCS Engineers

Job Number: 660-37143-1

Login Number: 37143
Creator: Kicklighter, Marilyn
List Number: 1

List Source: TestAmerica Savannah
List Creation: 09/14/10 04:00 PM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
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	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 660-37147-1

Job Description: Citrus County 2010 Leachate Sludge

For:
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Attention: Mr. Ken Guilbeault

Approved for release.
Nancy Robertson
Project Manager II
9/21/2010 12:12 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
09/21/2010

Methods: FDEP, DOH Certification #: E84282, E81005 These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS Semi VOA
Method 8270C: The laboratory control sample (LCS) and matrix spike recovery for prep batch 99993 exceeded control limits for Cresol, o-. A full analyte spike does not require all compounds to be in control. All associated samples are flagged with a J3.

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for prep batch 99993 was outside control limits for the following analytes: 2,4,5-Trichlorophenol, Nitrobenzene, and Pyridine.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: SCS Engineers

Job Number: 660-37147-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-37147-1	**SLUDGE**				
Total Solids		2.8	0.33	%	2540G

METHOD SUMMARY

Client: SCS Engineers Job Number: 660-37147-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL TAM	SW846 8270C	
TCLP Extraction	TAL TAM		SW846 1311
Liquid-Liquid Extraction (Continuous)	TAL TAM		SW846 3520C
Total Solids	TAL TAM	SM20 2540G	

Lab References:

TAL TAM = TestAmerica Tampa

Method References:

SM20 = "Standard Methods For The Examination Of Water And Wastewater", 20th Edition."

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

METHOD / ANALYST SUMMARY

Client: SCS Engineers

Job Number: 660-37147-1

Method	Analyst	Analyst ID
SW846 8270C	Petterson, Alyssa	AP
SM20 2540G	Oonnoonny, Thomas	TO

SAMPLE SUMMARY

Client: SCS Engineers

Job Number: 660-37147-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-37147-1	Sludge	Solid	09/09/2010 1230	09/10/2010 1000

Mr. Ken Guilbeault
SCS Engineers
4041 Park Oaks Blvd
Suite 100
Tampa, FL 33610

Job Number: 660-37147-1
Lab Sample Id: 660-37147-1
Client Matrix: Solid
Date Sampled: 09/09/2010 1230
Date Received: 09/10/2010 1000

Client Sample ID: Sludge

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Pyridine	0.0086	U	mg/L	0.0086	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
Pentachlorophenol	0.0058	U	mg/L	0.0058	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
Nitrobenzene	0.0061	U	mg/L	0.0061	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
Hexachloroethane	0.0089	U	mg/L	0.0089	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
Hexachlorobutadiene	0.0097	U	mg/L	0.0097	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
Hexachlorobenzene	0.0048	U	mg/L	0.0048	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
Cresol, o-	0.0068	U J3	mg/L	0.0068	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
m & p - Cresol	0.0066	U	mg/L	0.0066	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
1,4-Dichlorobenzene	0.0077	U	mg/L	0.0077	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
2,4-Dinitrotoluene	0.0054	U	mg/L	0.0054	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
2,4,5-Trichlorophenol	0.0068	U	mg/L	0.0068	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
2,4,6-Trichlorophenol	0.0048	U	mg/L	0.0048	8270C - TCLP	09/15/2010 1333	09/16/2010 2210	1.0
Surrogate						Acceptance Limits		
2,4,6-Tribromophenol	52		%		8270C - TCLP	29 - 143		
2-Fluorophenol	35		%		8270C - TCLP	29 - 121		
Phenol-d6 (Surr)	29		%		8270C - TCLP	25 - 128		
Nitrobenzene-d5	63		%		8270C - TCLP	34 - 130		
2-Fluorobiphenyl	55		%		8270C - TCLP	36 - 124		
Terphenyl-d14	59		%		8270C - TCLP	14 - 148		
GENERAL CHEMISTRY								
Total Solids	2.8		%	0.33	2540G		09/13/2010 1023	1.0

DATA REPORTING QUALIFIERS

Client: SCS Engineers Job Number: 660-37147-1

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
General Chemistry		
	U	Indicates that the compound was analyzed for but not detected.

Client: SCS Engineers

Job Number: 660-37147-1

Method Blank - Batch: 660-99993

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 660-99993/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/16/2010 2048
Date Prepared: 09/15/2010 1333

Analysis Batch: 660-100080
Prep Batch: 660-99993
Units: mg/L

Instrument ID: BSMC5973
Lab File ID: 1CI16020.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Pyridine	0.0086	U	0.0086	0.25
Pentachlorophenol	0.0058	U	0.0058	0.25
Nitrobenzene	0.0061	U	0.0061	0.050
Hexachloroethane	0.0089	U	0.0089	0.050
Hexachlorobutadiene	0.0097	U	0.0097	0.050
Hexachlorobenzene	0.0048	U	0.0048	0.050
Cresol, o-	0.0068	U	0.0068	0.050
m & p - Cresol	0.0066	U	0.0066	0.050
1,4-Dichlorobenzene	0.0077	U	0.0077	0.050
2,4-Dinitrotoluene	0.0054	U	0.0054	0.050
2,4,5-Trichlorophenol	0.0068	U	0.0068	0.050
2,4,6-Trichlorophenol	0.0048	U	0.0048	0.050

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	66	29 - 143
2-Fluorophenol	65	29 - 121
Phenol-d6 (Surr)	56	25 - 128
Nitrobenzene-d5	74	34 - 130
2-Fluorobiphenyl	65	36 - 124
Terphenyl-d14	81	14 - 148

Client: SCS Engineers

Job Number: 660-37147-1

TCLP SPLPE Leachate Blank - Batch: 660-99993

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID: LB 660-99947/1-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/16/2010 2312
Date Prepared: 09/15/2010 1333
Date Leached: 09/14/2010 1546

Analysis Batch: 660-100080
Prep Batch: 660-99993
Units: mg/L

Leachate Batch: 660-99947

Instrument ID: BSMC5973
Lab File ID: 1CI16027.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Pyridine	0.0086	U	0.0086	0.25
Pentachlorophenol	0.0058	U	0.0058	0.25
Nitrobenzene	0.0061	U	0.0061	0.050
Hexachloroethane	0.0089	U	0.0089	0.050
Hexachlorobutadiene	0.0097	U	0.0097	0.050
Hexachlorobenzene	0.0048	U	0.0048	0.050
Cresol, o-	0.0068	U	0.0068	0.050
m & p - Cresol	0.0066	U	0.0066	0.050
1,4-Dichlorobenzene	0.0077	U	0.0077	0.050
2,4-Dinitrotoluene	0.0054	U	0.0054	0.050
2,4,5-Trichlorophenol	0.0068	U	0.0068	0.050
2,4,6-Trichlorophenol	0.0048	U	0.0048	0.050

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	64	29 - 143
2-Fluorophenol	49	29 - 121
Phenol-d6 (Surr)	39	25 - 128
Nitrobenzene-d5	80	34 - 130
2-Fluorobiphenyl	60	36 - 124
Terphenyl-d14	72	14 - 148

Client: SCS Engineers

Job Number: 660-37147-1

Lab Control Sample - Batch: 660-99993

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 660-99993/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/16/2010 2108
Date Prepared: 09/15/2010 1333

Analysis Batch: 660-100080
Prep Batch: 660-99993
Units: mg/L

Instrument ID: BSMC5973
Lab File ID: 1CI16021.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pyridine	0.500	0.131	26	10 - 130	
Pentachlorophenol	0.506	0.221	44	38 - 130	
Nitrobenzene	0.500	0.310	62	40 - 138	
Hexachloroethane	0.500	0.238	48	38 - 130	
Hexachlorobutadiene	0.500	0.234	47	38 - 130	
Hexachlorobenzene	0.500	0.222	44	29 - 130	
Cresol, o-	0.502	0.256	51	56 - 130	J3
1,4-Dichlorobenzene	0.500	0.288	58	43 - 130	
2,4-Dinitrotoluene	0.500	0.250	50	45 - 130	
2,4,5-Trichlorophenol	0.501	0.277	55	47 - 130	
2,4,6-Trichlorophenol	0.504	0.278	55	50 - 130	

Client: SCS Engineers

Job Number: 660-37147-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-99993

Method: 8270C
Preparation: 3520C
TCLP

MS Lab Sample ID:	660-37133-A-2-C MS	Analysis Batch: 660-100080	Instrument ID: BSMC5973
Client Matrix:	Solid	Prep Batch: 660-99993	Lab File ID: 1CI16025.D
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	09/16/2010 2231		Final Weight/Volume: 1 mL
Date Prepared:	09/15/2010 1333		Injection Volume: 1 uL
Date Leached:	09/14/2010 1546	Leachate Batch: 660-99947	
MSD Lab Sample ID:	660-37133-A-2-D MSD	Analysis Batch: 660-100080	Instrument ID: BSMC5973
Client Matrix:	Solid	Prep Batch: 660-99993	Lab File ID: 1CI16026.D
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	09/16/2010 2251		Final Weight/Volume: 1 mL
Date Prepared:	09/15/2010 1333		Injection Volume: 1 uL
Date Leached:	09/14/2010 1546	Leachate Batch: 660-99947	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Pyridine	47	23	10 - 130	70	50		J3
Pentachlorophenol	53	44	38 - 130	17	33		
Nitrobenzene	88	71	40 - 138	22	21		J3
Hexachloroethane	61	48	38 - 130	24	35		
Hexachlorobutadiene	71	56	38 - 130	23	30		
Hexachlorobenzene	53	43	29 - 130	21	31		
Cresol, o-	64	48	56 - 130	27	27		J3
1,4-Dichlorobenzene	71	58	43 - 130	21	31		
2,4-Dinitrotoluene	58	46	45 - 130	23	32		
2,4,5-Trichlorophenol	73	54	47 - 130	29	28		J3
2,4,6-Trichlorophenol	68	54	50 - 130	22	22		

Client: SCS Engineers

Job Number: 660-37147-1

Method Blank - Batch: 660-99853

Method: 2540G
Preparation: N/A

Lab Sample ID: MB 660-99853/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/13/2010 1023
Date Prepared: N/A

Analysis Batch: 660-99853
Prep Batch: N/A
Units: %

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

Analyte	Result	Qual	PQL	PQL
Total Solids	0.10	U	0.10	0.10

Duplicate - Batch: 660-99853

Method: 2540G
Preparation: N/A

Lab Sample ID: 660-37147-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/13/2010 1023
Date Prepared: N/A

Analysis Batch: 660-99853
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 15 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Solids	2.8	2.77	0.9		

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

660-37147

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

09/21/2010

Client Information	Sampler: Brett Harvey	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-31260.1
Client Contact: Mr. Ken Guilbeault	Phone:	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: SCS Engineers				Job #:
Address: 4041 Park Oaks Blvd Suite 100	Due Date Requested:	Analysis Requested		
City: Tampa	TAT Requested (days):			
State, Zip: FL; 33610				
Phone:	PO #: Purchase Order Requested			
Email: kguilbeault@scsengineers.com	WO #:			
Project Name: Citrus County 2010 Inf,Eff, Leachate Col	Project #: 66002924			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270C - Semivolatiles, TCLP	Total Solids	Total Number of containers	Special Instructions/Note:
	Preservation Code:						N			
Sludge	9/9/10	1230	G	Solid			K	X		
				Solid						

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:

Empty Kit Relinquished by: _____ Date: 9/9/10 Time: 1230 Method of Shipment: Supplier

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	9/9/10 @ 1402		Received by: Carol McNulty	9/10/10 1000	
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.1°C wet

Page 1 of 1

Login Sample Receipt Check List

Client: SCS Engineers

Job Number: 660-37147-1

Login Number: 37147
Creator: McNulty, Carol
List Number: 1

List Source: TestAmerica Tampa

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	3.1 degrees C Cu-07
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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

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
Volatile Organics								Resample					Resample
Acetone	GCTL	6300	ug/L	---	---	---	21	---	---	---	---	40	15 I
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
Carbon Tetrachloride	PDWS	3	ug/L	---	---	---	1 U	---	---	---	---	1.2	0.45 I
Chlorobromomethane	GCTL	91	ug/L	---	---	---	0.58 U	0.58 U	---	---	---	5.7	0.58 U
Chloromethane	GCTL	2.7	ug/L	---	---	---	1 U	---	---	---	---	2.4 I	1.0 U
Dibromomethane	GCTL	70	ug/L	---	---	---	0.41 U	---	---	---	---	5.8	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
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	---
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
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
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
Trihalomethanes													
Bromodichloromethane	See Total THMs		ug/L	---	14	---	410	0.35 U	---	13	---	870	170
Bromoform	See Total THMs		ug/L	---	2.9	---	71	0.58 U	---	7	---	190	36
Chloroform	See Total THMs		ug/L	---	11	---	370	0.90 U	---	8.3	---	900	110
Dibromochloromethane	See Total THMs		ug/L	---	6.9	---	280	0.58 U	---	9.7	---	670	110
Total THMs	Permit	100	ug/L	---	34.8	---	1131	Not Detected	---	38	---	2630	426
Metals													
Antimony	PDWS	0.006	mg/L	---	---	---	---	---	---	---	---	0.0031 I	---
Arsenic	PDWS	0.01	mg/L	---	---	---	0.0091 I	---	---	---	---	0.025	0.02
Barium	PDWS	2	mg/L	---	---	---	0.058	---	---	---	---	0.081	---
Cobalt	GCTL	0.14	mg/L	---	---	---	0.011	---	---	---	---	0.019	---
Chromium	PDWS	0.1	mg/L	---	---	---	0.0058 I	---	---	---	---	0.0066	---
Copper	SDWS	1	mg/L	---	---	---	0.014	---	---	---	---	0.024	---
Lead	PDWS	0.015	mg/L				0.002 U					0.0031	---
Nickel	PDWS	0.1	mg/L	---	---	---	0.046	---	---	---	---	0.071	---
Iron	SDWS	0.3	mg/L	---	---	---	0.068 I	---	---	---	---	0.058 I	---
Zinc	SDWS	5	mg/L	---	---	---	0.020 I	---	---	---	---	0.031	---
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	---
Chloride	SDWS	250	mg/L	940	1300	1500	710	---	910	1000	1200	1300	---
Cyanide	PDWS	0.2	mg/L	---	---	---	0.014	---	---	---	---	---	---
Sodium	PDWS	160	mg/L	570	800	820	430	---	570	580	750	830	---
TDS	SDWS	500	mg/L	2400	2800	3000	1800	---	2000	2200	2900	1500	---
General Field Parameters													
Conductivity	NS	NS	umhos/cm	3929	4907	4820	3462	2786	3772	3475	4752	4617	4167
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
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
Oxygen Reduction Potential	NS	NS	mV	---	---	---	---	---	---	228	25.8	350.7	-1.8
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
Turbidity	NS	NS	NTU	1.07	1.65	5	---	6.67	4.73	1.84	7.94	3.4	2.71

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).

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

Parameter	Standard	MCL	Units	10/7/2009	11/4/2009	12/9/2009	1/6/2010	2/3/2010	3/2/2010	4/6/2010	5/12/2010	6/2/2010	7/14/2010	8/4/2010	9/15/2010
CBOD	Permit	20	mg/L	1.48	2.4	1.76	1.5	1.77	1.64	1.83	1.62	3.44	1.85	1.92	3.45
TSS	Permit	20	mg/L	5	1.0 U	1.0 U	1.0 U	6.5	1.0 U	1.0 U	11	2.5	1.0 U	2.5	1.5
Nitrate	Permit	10	mg/L	1.01	3.6	1.38	1.25	6.12	1.06	0.17	2.38	0.6	4.2	1.65	6.02

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

Parameter Volatile Organics	MCL	Units	Phase 2 Influent	Master Lift Influent
Acetone	NS	ug/L	28	21
Benzene	500	ug/L	16	0.50 U
Bromoform	NS	ug/L	0.58 U	3.2
2-Butanone (MEK)	NS	ug/L	59	8.4 U
Chlorodibromomethane	NS	ug/L	0.34 U	7.9
Chloroform	6000	ug/L	0.90 U	6.3
Cis-1,2-Dichloroethene	NS	ug/L	2.8	0.65 U
Dichlorobromomethane	NS	ug/L	1.0 U	10
1,2-Dichloropropane	NS	ug/L	1.5	0.52 U
Ethylbenzene	NS	ug/L	12	0.44 U
Styrene	NS	ug/L	1.9 I	0.98 U
Toluene	NS	ug/L	22	0.51 U
Vinyl chloride	200	ug/L	9	0.50 U
Xylenes, Total	NS	ug/L	34	0.50 U
General Field Parameters				
Conductivity	NS	umhos/cm	4086	1760
Dissolved Oxygen	NS	mg/L	1.64	0.99
pH	SDWS	pH Units	6.59	7.06
Oxygen Reduction Potential	NS	mV	115.6	10.8
Temperature, Water	NS	deg C	32.4	29.9
Turbidity	NS	NTU	22.3	15.7

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).

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

Parameter	MCL	Units	Composite Leachate Influent
Organics			
Beno(G,H,I)Perylene	NS	ug/L	2.1 I
Bis(2-ethylhexyl) Phthalate	NS	ug/L	1.9 IV
Dibenz(A,H)anthracene	NS	ug/L	1.5 I
1,4 Dichlorobenzene	7500	ug/L	4.2 I
2,4-Dimethylphenol	NS	ug/L	1.3 I
Indeno(1,2,3-cd)pyrene	NS	ug/L	1.5 I
Naphthalene	NS	ug/L	2.1 I
2,4-D	10000	ug/L	0.24 I
Metals			
Arsenic	5	mg/L	0.01
Barium	100	mg/L	0.092
Cadmium	1	mg/L	0.00014 I
Cobalt	NS	mg/L	0.0037
Copper	NS	mg/L	0.0063
Lead	5	mg/L	0.00082 I
Nickel	NS	mg/L	0.012
Iron	NS	mg/L	11
Vanadium	NS	mg/L	0.0039 I
Zinc	NS	mg/L	0.035
General Chemistry			
Alkalinity, Total	NS	mg/L	590
Ammonia, Total	NS	mg/L	63
Bicarbonate Alkalinity as $CaCO_3$	NS	mg/L	590
Chemical Oxygen Demand	NS	mg/L	190
Chloride	NS	mg/L	160
Nitrate as N	NS	mg/L	4.8
Sodium	NS	mg/L	110
Sulfide	NS	mg/L	15
TDS	NS	mg/L	740

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).

Table 5. Summary of Leachate Sludge Quality Analytical Results, Citrus County Central Landfill

Parameter	MCL	Units	Leachate Sludge	Leachate Sludge
TCLP				**Resample**
2-Butanone (MEK)	200	mg/L	0.0088 IV	---
Barium	100	mg/L	0.230 I	---
Percent Solid	**NS**	**%**	1.9	2.8
Soluble				
pH	NS	pH Units	4.34	---

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 2

MONTHLY LEACAHATE QUALITY ANALYTICAL RESULTS FOR JULY, AUGUST, AND SEPTEMBER 2010

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 11153

Client	CITRUS COUNTY UTILITIES	***Sample Number***	E101280	
Project	LANDFILL LEACHATE PLANT	***Date/Time Sampled***	7/13/10	0850 HRS
Sample Description	WWTP/EFF	***Date/Time Received***	7/13/10	1016 HRS

Method	Analytes	Units	Results	MDL	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	1.85	0.30 mg/L	SJL	7/14/10 1030 HRS
SM2540-D	TSS	mg/L	<1	1.00 mg/L	SJL	7/14/10 0921 HRS
SM4500-NO3-E	NITRATE	mg/L	4.20	0.06 mg/L	CK	7/14/10 0900 HRS

Shelly Ross Carvalho
Laboratory Manager

These results relate only to this sample.
For all results qualified with an I, the PQL is defined to be 4 times the MDL

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 11190

Client	CITRUS COUNTY UTILITIES	**Sample Number**	E101383	
Project	LANDFILL LEACHATE PLANT	**Date/Time Sampled**	8/4/10	0955 HRS
Sample Description	WWTP/EFF	**Date/Time Received**	8/4/10	1102 HRS

Method	Analytes	Units	Results	MDL	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	1.92	0.30 mg/L	SJL	8/4/10 1212 HRS
SM2540-D	TSS	mg/L	2.50	1.00 mg/L	SJL	8/6/10 0948 HRS
SM4500-NO3-E	NITRATE	mg/L	1.65	0.06 mg/L	CK	8/4/10 1120 HRS

Sarey Ann Carrillo
Laboratory Manager

These results relate only to this sample.
For all results qualified with an I, the PQL is defined to be 4 times the MDL

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 11248

Client	CITRUS COUNTY UTILITIES	***Sample Number***	E101640
Project	LANDFILL LEACHATE PLANT	***Date/Time Sampled***	9/15/10 0915 HRS
Sample Description	WWTP/EFF	***Date/Time Received***	9/15/10 1115 HRS

Method	Analytes	Units	Results	MDL	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	3.45	0.30 mg/L	SJL	9/15/10 1315 HRS
SM2540-D	TSS	mg/L	1.50	1.00 mg/L	SJL	9/17/10 0930 HRS
SM4500-NO3-E	NITRATE	mg/L	6.02	0.06 mg/L	CK	9/15/10 1430 HRS

Laboratory Manager

These results relate only to this sample.
For all results qualified with an I, the PQL is defined to be 4 times the MDL