Hillsborough County
Florida

ANALYTICAL DATA REPORT
AUGUST 2009

SOUTHEAST COUNTY LANDFILL SITE
HILLSBOROUGH COUNTY, FLORIDA

Hillsborough County
Solid Waste Management Department
Management & Environmental Services Section
P.O. Box 1110
Tampa, Florida 33601

November 20, 2009

DEP Form # 62-522.900(2)

Form Title Ground Water Monitoring Report

Effective Date

DEP Application No.

Florida Department of Environmental Protection

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

Dept. Of Environmental Protection
NOV 30 2009
Southwest District

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name SOUTHEAST LANDFILL

Address 15960 C. R. 672

City LITHIA, FL Zip 33503

Telephone Number (813) 671-7707

(2) The GMS Identification Number 4029C30075

(3) DEP Permit Number 35435-006-SO & 35435-012-SO/MM

(4) Authorized Representative Name BARRY M. BOLDISSAR, DIRECTOR, SOLID WASTE MANAGEMENT DEPT

Address P O BOX 1110

City TAMPA, FLORIDA Zip 33601

Telephone Number (813) 276-2900

(5) Type of Discharge GROUNDWATER – POTENTIAL ONLY

(6) Method of Discharge LANDFILL

Certification

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

Date: 11/23/09

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP #

Analytical Lab Comp QAP # /HRS Certification #

*Comp QAP # /HRS Certification #

Lab Name TEST AMERICA LABORATORIES, INC.

Address 6712 BENJAMIN ROAD, SUITE 100, TAMPA, FL 33634

Phone Number (813) 885-7427

Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean

November 20, 2009

Mr. John Morris, P.G.
Department of Environmental Protection
Southwest District-Solid Waste Section
13051 Telecom Parkway
Temple Terrace, FL 33637

Re: Southeast County Landfill
Permit No. 35435-014-SO/01
Analytical Data Report - August 2009

Dear Mr. Morris:

In accordance with the above-referenced permit, the Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the August 2009 analytical data report (ADR) for the water quality monitoring at the Southeast County Landfill (SCLF). Samples were collected on August 24-27, 2009 by the SWMD Field Sampling Team. Water quality criteria and the overall impact to the future groundwater monitoring activities at the SCLF are discussed in parameter specific details herein.

FIELD PARAMETERS

pH

The surficial aquifer detection and background water quality monitoring wells continue to exhibit pH values below the SDWS acceptable range of 6.5 to 8.5 pH units. The pH values across the site range in value from 5.08 to 6.87 pH units. The pH at the site has historically been observed to be below the acceptable range, and as previously discussed, the pH values observed are consistent with the current and historical background water quality for the site. No unusual conditions or changes in the pH values within any of the detection or background monitoring wells or surface water sites were observed during this sampling event.

Turbidity

Turbidity values in the groundwater at the site remain consistent with the historical data set. The values observed in the surficial aquifer ranged from 1.0 to 29.7 Nephelometric Turbidity Units (NTU).

In accordance with the April 3, 2003 Approval of Corrective Action Plan letter from the Florida Department of Environmental Protection (FDEP), the SWMD records turbidity data at the three sampling points along the tributary to Long Flat Creek after each significant rainfall event. During the quarter from June to August 2009, turbidity measurements were recorded and a table of values is provided within this ADR. No violations of the compliance value of 29 NTU over the background value were observed at our surface water discharge point during the quarter.

Dissolved Oxygen

Dissolved oxygen was observed below the surface water standard of greater than or equal to 5 mg/l in three of the four surface water sampling locations. Surface water sampling locations Mine Cut #1, Surface Site 3A, and Surface Site 3B2B exhibited concentrations of 0.23 mg/l, 2.69 mg/l, and 4.95 mg/l, respectively.

GENERAL PARAMETERS

Total Alpha and Radium 226

The Weeks' private supply well exhibited concentrations of total alpha and radium 226 above their Primary Drinking Water Standard (PDWS) of 15 pCi/l (picocuries per liter) and 5 pCi/l. Results observed during this sampling event were 16.4 pCi/l and 12.5 pCi/l, respectively. This supply well periodically exhibits total alpha and radium 226 above standards. No unusual conditions or changes in values were observed during this sampling event, and the home owner has been appropriately notified of this result. The detections of these radiological parameters in the Weeks' private supply well is not readily attributable to the landfill operations, and as previously discussed, is likely naturally occurring within the production zones contributing to the well and/or a result of the past strip mining activities conducted in the area.

Total Dissolved Solids (TDS)

The surficial aquifer detection groundwater monitoring well, TH-71A, which is located immediately down gradient of Section 7, 8 & 9, exhibited TDS at a concentration of 550 mg/l. This value exceeds the SDWS of 500 mg/l. The concentration of TDS in this well has been increasing since the installation, and the SWMD is concerned with the apparent upward trend. However, it should be noted that the up gradient areas of the site have been under construction for several years, and those activities in combination with the geology of the subsurface below Section 9 may be the source of the TDS values in TH-71A. The SWMD will continue to evaluate the water quality impacts to this well and the area down gradient of Section 7, 8 & 9.

METALS

Arsenic

Arsenic was observed above the PDWS of 0.01 mg/l in one surficial aquifer detection monitoring wells during this sampling event. Detection well TH-58 exhibited concentrations of 0.028 mg/l mg/l.. As discussed in previous submittals, the SWMD maintains the position that the arsenic observed in this well is not attributable to the buried waste within the lined landfill. The mobilization of arsenic and other metals in the anaerobic environments under the lined landfill has been identified as the likely source of arsenic in this well. The concentration could also be naturally occurring within the soils surrounding the well and other localized areas at the site.

Iron

Iron concentrations in twelve (12) of fifteen (15) surficial aquifer detection and background water quality monitoring wells were observed above the SDWS of 0.3 mg/l. The concentrations of iron ranged from 0.48 mg/l to 27 mg/l. The iron concentrations observed in the surficial aquifer wells across the site have historically been elevated in several areas. Several potential sources for the elevated iron concentrations at the site have been discussed over the past few years, and there may be more than a single contributing factor. The SWMD maintains the position that the source of the elevated iron concentrations in the surficial aquifer groundwater is not the buried wastes within the landfill.

The private supply wells owned by Weeks and Holland exhibited concentrations of iron above the SDWS with concentrations of 0.74 mg/l and 1.6 mg/l, respectively. Concentrations of iron within these wells are consistently above the SDWS. No unusual changes in iron concentrations have been observed within any of the groundwater monitoring wells, surface water sampling locations, or private supply wells during this sampling event.

Groundwater Elevations and Contours

Groundwater and surface water elevations are recorded as part of our quarterly sampling events, and the data from these points are utilized to evaluate the directions of groundwater flow across the site. No data was recorded at the surficial aquifer monitoring well TH-26, due to the well being dry. In addition, one of the new piezometers in the borrow area, P-21, was under water and could not be recorded.

The contour diagram was prepared using the recorded data, and the general direction of flow is consistent with the historical data set. The diagram for this event was prepared with a 2 ft. interval due to the 1 ft. interval creating a diagram over crowded with contour lines. The SWMD prepared the diagram with the intent to depict the general direction of flow across the landfill areas, and acknowledge that there may be a localized flow pattern in the vicinity of Mine Cut #1.

CONCLUSIONS

Overall, the water quality at the Southeast County Landfill and surrounding areas remains consistent with the historical data set for the site. The groundwater within the surficial aquifer continues to exhibit concentrations of iron and pH values that are not within their applicable standards, but these constituents have been attributed to sources other than the landfill. Arsenic concentrations exceeding the standard was observed in TH-58, but this is believed to be a result of the mobilization of naturally occurring arsenic within the anaerobic environment under the lined Phases 1-6 of the landfill.

Surface water quality exhibits some minor concerns with dissolved oxygen and iron. However these observations are consistent with the historical data set for the surface water sampling sites at the SCLF. The Floridan aquifer monitoring wells continue to exhibit water quality within all applicable standards, and the private supply wells do not appear to exhibit any impacts attributable to the landfill.

Enclosed for your review is a detailed site location map, the data summary tables for the groundwater monitoring wells, the surface water sites, private supply wells and turbidity monitoring. Additionally, this report provides a groundwater elevation data summary table, a surficial aquifer groundwater elevation and contour diagram, copies of the letters sent to the owners of the private supply wells, and the complete laboratory analytical data report sheets. The next quarterly sampling event will be conducted in November 2009.

Should you have any questions, require any additional information, or would like to discuss the information provided within this submittal, please feel free to contact me at (813) 276-2944 or via e-mail at *adamsds@hillsboroughcounty.org*.

Sincerely,

David S. Adams 11/20/2009

David S. Adams, P.G.
Environmental Manager
Solid Waste Management

DAVID S. ADAMS LICENSE No 1627 STATE OF FLORIDA PROFESSIONAL GEOLOGIST

DSA/mdt
Enclosures
xc: Barry M. Boldissar, Director, SWMD, w/o enclosures
Patricia Berry, Section Manager, SWMD, w/o enclosures
Larry Ruiz, Project Manager, SWMD
Jason Timmons, Jones Edmunds
Ernest Ely, Landfill Manager, WM, Southeast Landfill
Chongman Lee, Florida Department of Environmental Protection
Clark Moore, Florida Department of Environmental Protection
Andy Schipfer, Environmental Protection Commission
Irene Barnes, Southeast Hillsborough Civic Association

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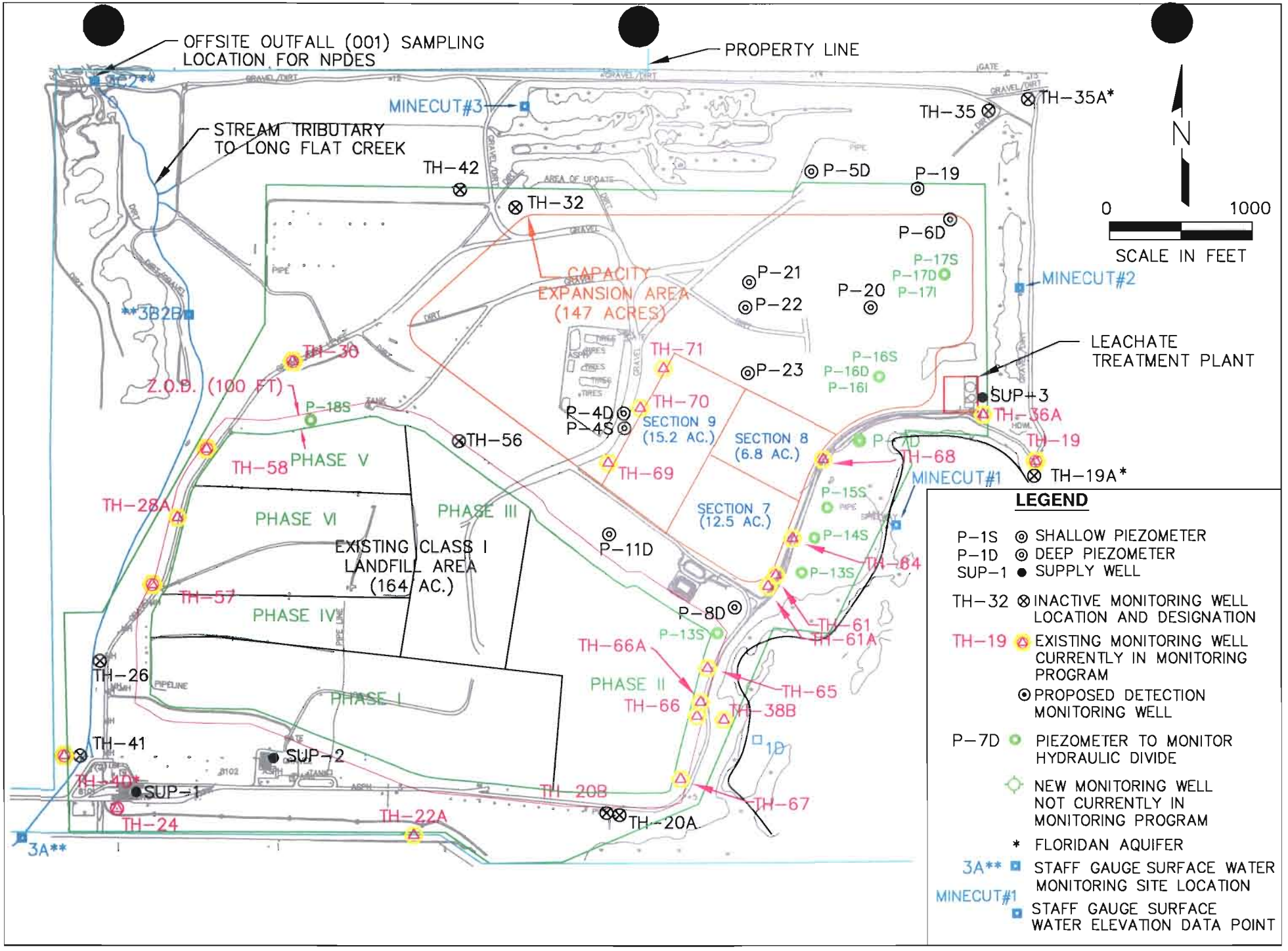


Site Map

Southeast County Landfill Facility, Hillsborough County, Florida

Analytical Results from Groundwater Monitoring Wells Located at the Southeast Landfill (Sections 7-9) August 24-27, 2009

GENERAL (mg/l) PARAMETERS	Surficial Aquifer Wells							(MCL) STANDARD F.A.C. 62-550
	TH-36-A	TH-61A	TH-64	TH-68	TH-69A	TH-70A	TH-71A	
well type	Background	Detection	Detection	Detection	Detection	Detection	Detection	NA
conductivity (umhos/cm) (field)	161	162	378	273	648	388	750	NS
dissolved oxygen (mg/l) (field)	0.81	2.3	0.48	1.23	0.78	0.16	0.24	NS
pH (field)	**5.80**	**5.91**	**5.10**	**5.78**	**6.31**	**6.44**	**6.38**	(6.5 - 8.5)**
temperature (°C) (field)	25.2	26.62	25.82	27.17	23.91	23.66	24.55	NS
turbidity (NTU) (field)	26.1	26.3	4	14.8	2.2	6.7	6.1	NS
total dissolved solids (mg/l)	110	110	260	210	420	200	**550**	500**
chloride (mg/l)	3.2	4.9	45	21	46	21	14	250**
ammonia nitrogen (mg/l as N)	0.110	0.16	0.33	0.3	1.2	0.96	1.8	NS
nitrate (mg/l as N)	0.22	0.26	BDL	BDL	BDL	BDL	BDL	10*
Metals: (mg/l)	TH-36-A	TH-61A	TH-64	TH-68	TH-69A	TH-70A	TH-71A	(MCL) STANDARD F.A.C. 62-550
iron	0.094	0.075	**0.62**	**0.56**	**7.3**	**27**	**21**	0.3**
cadmium	BDL	0.0014	BDL	BDL	BDL	BDL	BDL	0.005*
chromium	0.0035	0.0061	BDL	0.0036	BDL	BDL	0.0022	0.2
copper	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1**
barium	0.016	0.061	0.038	0.017	0.0051	0.0084	0.020	2*
cobalt	BDL	BDL	BDL	BDL	BDL	BDL	BDL	140***
arsenic	BDL	BDL	BDL	BDL	BDL	0.0092	0.0044	0.01*
lead	0.0026	0.003	BDL	BDL	BDL	BDL	BDL	0.015*
nickel	BDL	0.0022	BDL	BDL	BDL	BDL	0.004	0.1*
sodium	4.1	3.3	11	7.2	13	6.6	4.2	160*
selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.05*
mercury	BDL	0.000081	0.000093	0.00012	BDL	0.000084	BDL	0.002*
vanadium	0.16	0.18	0.0041	0.0039	BDL	BDL	0.0026	49***
antimony	BDL	0.0057	BDL	BDL	BDL	BDL	BDL	0.006*
zinc	0.012	BDL	BDL	0.019	BDL	BDL	0.0058	5**
thallium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.002*
Organics: (µg/l) Organic Parameters Detected	TH-36-A	TH-61A	TH-64	TH-68	TH-69A	TH-70A	TH-71A	(MCL) STANDARD F.A.C. 62-550
acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6300***
acrylonitrile	2.4	BDL	BDL	BDL	BDL	BDL	BDL	60***
benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1*
carbon disulfide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700***
total xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10000**
methylene chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6*
cis-1,2-dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	70*
1,2-dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3*
toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000**
vinyl chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1*
trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3*
1,1-dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700***

NOTE: Reference Groundwater Guidance Concentrations, FDEP June 1994
NS= NO STANDARD
MCL= MAXIMUM CONTAMINANT LEVEL
BDL= BELOW DETECTION LIMIT
*= DENOTES PRIMARY DRINKING WATER STANDARD
**= DENOTES SECONDARY DRINKING WATER STANDARD
***= STANDARDS OR FLORIDA GUIDANCE CONCENTRATION MCL (shaded/bold)
5.80: EXCEEDS STANDARDS
NTU= NEPHELOMETRIC TURBIDITY UNITS
µg/l= MICROGRAMS PER LITER
mg/l= MILLIGRAMS PER LITER

Analytical Results from Surface Water Samples Collected at Southeast Landfill August 24, 2009

GENERAL PARAMETERS	Mine Cut #1	Surface Site 3A	Surface Site 3B2B	Surface Site 3C2	(MCL) STANDARD F.A.C. 62-302
conductivity (umhos/cm) (field)	277	247	232	280	1275
dissolved oxygen (mg/l) (field)	**0.23**	**2.69**	**4.95**	5.72	Must Be > OR=5.0
pH (field)	**6.40**	**6.32**	6.88	6.77	(6.5 - 8.5)
temperature (°C) in field	25.71	26.25	25.81	27.78	NS
turbidity (field) (NTU)	3.9	8.2	4.9	3.8	29
total dissolved solids (mg/l)	280	170	160	200	NS
total suspended solids (mg/l)	12	5.4	8.9	2.3	NS
nitrate (mg/l)	BDL	BDL	BDL	BDL	NS
nitrogen, kjeldhal, total (mg/l)	4.7	0.73	0.73	0.77	NS
total nitrogen (mg/l)	4.7	0.73	0.73	0.77	NS
total phosphorous (mg/l)	7.1	BDL	0.4	0.64	NS
biochem. oxygen demand (mg/l)	3.3	BDL	BDL	BDL	NS
chemical oxygen demand (mg/l)	230	40	34	33	NS
total organic carbon (mg/l as C)	78	13	15	15	NS
chlorophyl-A (mg/m3)	9.3	2	3	4.1	NS
total hardness (mg/l as CaCO)	120	85	70	88	NS
unionized ammonia (mg/l)	0.00024	BDL	0.00055	0.00045	NS
fecal coliform (Col/100ml)	12	210	810	41	800

Metals: (mg/l)	Mine Cut #1	Surface Site 3A	Surface Site 3B2B	Surface Site 3C2	(MCL) STANDARD F.A.C. 62-302
iron	0.7	**4.2**	0.55	0.33	1
copper	BDL	0.0058	BDL	BDL	**
barium	0.0057	0.034	0.015	0.0087	NS
beryllium	BDL	BDL	BDL	BDL	1.3
cobalt	BDL	BDL	BDL	BDL	NS
lead	BDL	0.0036	BDL	BDL	******
vanadium	BDL	0.0032	BDL	0.0027	NS
chromium	0.003	0.0042	BDL	BDL	***
nickel	0.0024	BDL	BDL	BDL	****
zinc	0.0053	0.026	BDL	BDL	*=105.99
thallium	BDL	BDL	BDL	BDL	<0.0063
cadmium	BDL	BDL	BDL	BDL	*****
mercury	BDL	BDL	BDL	BDL	0.000012

Organics: (µg/l) Organic Parameters Detected	Mine Cut #1	Surface Site 3A	Surface Site 3B2B	Surface Site 3C2	(MCL) STANDARD F.A.C. 62-302
toluene	BDL	BDL	BDL	BDL	NS
acetone	BDL	BDL	BDL	BDL	NS
methylene chloride	BDL	BDL	BDL	BDL	>OR = 5.67 annual avg.

NOTE: Water Levels taken on August 17, 1998
NOTE: Referenced, Surface Water Quality Standards Title 62 Chapter 62-302, Class III: Fresh
NS= NO STANDARD
MCL= MAXIMUM CONTAMINANT LEVEL
BDL= BELOW DETECTION LIMIT
*= Zn< or =e(0.8473[lnH]+0.7614), note: H=Hardness, for 3A standard is 105.99
**= Cu< or =e(0.8545[lnH]-1.465)
***= Cr< or =e(0.819[lnH]+1.561)
****= Ni< or =e(0.846[lnH]+1.1645)
******= Pb<=e(1.273[lnH]-4.705)
*****= Ca<or =e(0.7852{lnH}-3.49)
0.23: EXCEEDS CHAPTER 62-302 SURFACE WATER QUALITY STANDARDS
NTU= NEPHELOMETRIC TURBIDITY UNITS
µg/l= MICROGRAMS PER LITER
mg/l= MILLIGRAMS PER LITER

Prepared by: Mike Townsel
QC'd by: Jim Clayton
Final QC by: David Adams

Analytical Results from Private Well Samples at the Southeast Landfill
August 24, 2009

GENERAL (mg/l) PARAMETERS	Private Wells			(MCL) STANDARD
	Weeks	Holland	Barnes	F.A.C. 62-550
conductivity (umhos/cm) (field)	553	389	381	NS
dissolved oxygen (mg/l) (field)	0.92	0.14	4.29	NS
pH (field)	7.54	7.45	7.50	(6.5 - 8.5)**
temperature (°C) (field)	24.29	24.17	25.6	NS
turbidity (NTU) (field)	2.1	1.1	7.4	NS
total dissolved solids (mg/l)	320	220	220	500**
total suspended solids (mg/l)	3.6	3.8	BDL	NS
total organic carbon (mg/l)	2.6	1.2	2.2	NS
chloride (mg/l)	40	19	8.5	250**
ammonia nitrogen (mg/l as N)	0.2	0.12	0.25	NS
nitrate (mg/l as N)	BDL	BDL	0.12	10*
total alpha (pCi/l)	**16.4**	2.5	3.1	15*
radium 226 (pCi/l)	**12.5**	2.5	3.8	5*
radium 228 (pCi/l)	0.8	0.2	0.1	5*

Metals: (mg/l)	Private Wells			(MCL) STANDARD
	Weeks	Holland	Barnes	F.A.C. 62-550
iron	**0.74**	**1.6**	BDL	0.3**
chromium	BDL	BDL	BDL	0.2
cobalt	BDL	BDL	BDL	140***
copper	BDL	BDL	BDL	1**
barium	0.0052	0.0042	0.005	2*
arsenic	0.0047	BDL	BDL	0.01*
lead	0.014	BDL	BDL	0.015*
sodium	8.4	5.2	16	160*
mercury	BDL	0.000088	BDL	0.002
zinc	0.24	0.030	0.12	5**
antimony	BDL	BDL	BDL	0.006*
nickel	BDL	0.0057	BDL	0.1*

Organics: (µg/l) Organic Parameters Detected	Private Wells			(MCL) STANDARD
	Weeks	Holland	Barnes	F.A.C. 62-550
iodomethane	BDL	BDL	BDL	NS
methylene chloride	BDL	BDL	BDL	5*
1,1-dichloroethene	BDL	BDL	BDL	7*

Notes: Reference Groundwater Guidance Concentrations, FDEP June 1994
NS=NO STANDARD
MCL=MAXIMUM CONTAMINANT LEVEL
BDL=BELOW DETECTION LIMIT
*=DENOTES PRIMARY DRINKING WATER STANDARD
**=DENOTES SECONDARY DRINKING WATER STANDARD
16.4: EXCEEDS STANDARDS
NTU=NEPHELOMETRIC TURBIDITY UNITS
pCi/l=PICOCURIES PER LITER
ug/l=MICROGRAMS PER LITER
mg/l=MILLIGRAMS PER LITER

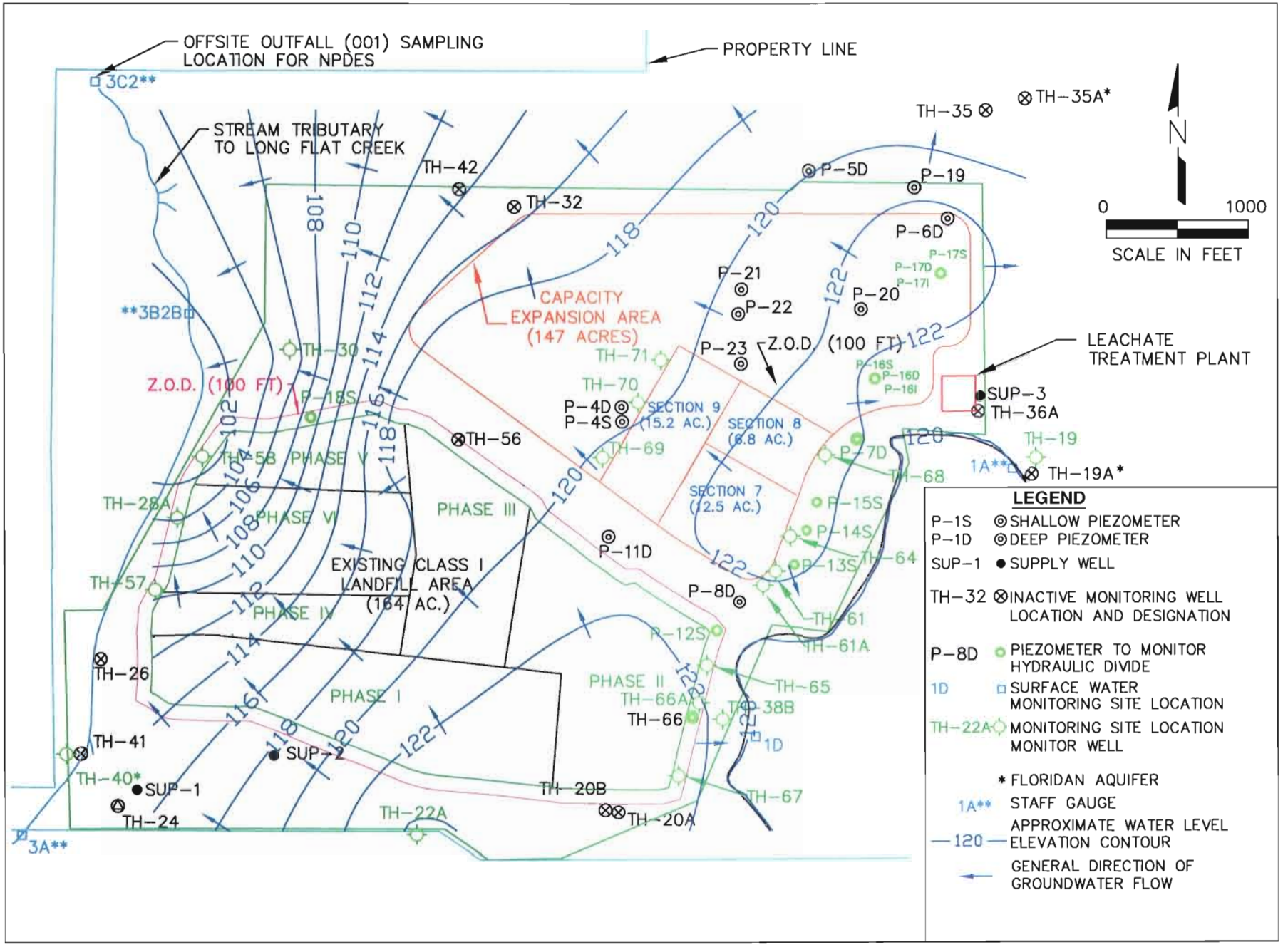
Prepared by: Mike Townsel
QC'd by: Jim Clayton
FinalQC: David Adams

Groundwater and Surface Water Elevation For Southeast County Landfill
August 24, 2009

Measuring Point I.D.	T.O.C. Elevations (NGVD)	8/24/2009 W.L. B.T.O.C.	W.L. (NGVD)
P-4D	140.78	21.82	118.96
P-4S	140.95	7.84	133.11
P-5D	151.94	Dry	Dry
P-6D	148.01	24.23	123.78
P-7D	138.92	16.30	122.62
P-8D	138.34	17.53	120.81
P-11D	138.02	16.75	121.27
P-12S	134.97	13.61	121.36
P-13S	140.21	17.48	122.73
P-14S	138.56	15.77	122.79
P-15S	139.19	16.80	122.39
P-16S	143.38	19.05	124.33
P-16I	144.15	23.25	120.90
P-16D	143.84	22.90	120.94
P-17S	137.35	12.08	125.27
P-17I	137.32	14.88	122.44
P-17D	137.22	15.10	122.12
P-18S	129.86	18.18	111.68
P-19	133.36	8.57	124.79
P-20	132.38	10.70	121.68
P-21	122.79	ND	ND
P-22	128.35	6.70	121.65
P-23	143.13	22.04	121.09
TH-20A	131.86	8.81	123.05
TH-20B	132.57	9.66	122.91
TH-22	128.82	8.40	120.42
TH-22A	129.27	5.02	124.25
TH-24A	128.23	3.90	124.33
TH-26	125.65	Dry	Dry
TH-28A	131.10	27.58	103.52
TH-30	128.88	23.95	104.93
TH-32	129.90	14.48	115.42
TH-35	145.98	28.02	117.96
TH-36A	152.70	32.68	120.02
TH-38A	130.68	10.02	120.66
TH-38B	131.81	10.92	120.89
TH-56A	131.69	15.27	116.42
TH-57	128.36	19.04	109.32
TH-58	127.88	27.38	100.50
TH-61	138.73	16.47	122.26
TH-61A	139.45	16.53	122.92
TH-64	139.64	15.97	123.67
TH-65	135.40	14.06	121.34
TH-66	130.58	8.20	122.38
TH-66A	130.66	8.65	122.01
TH-67	129.51	5.08	124.43
TH-68	140.01	15.87	124.14
TH-69	145.56	17.70	127.86
TH-69A	144.97	25.50	119.47
TH-70	147.11	27.14	119.97
TH-70A	146.63	25.32	121.31
TH-71	147.61	20.09	127.52
TH-71A	146.95	26.00	120.95
TH-19*	130.27	93.39	36.88
TH-40*	124.99	88.57	36.42
TH-41*	125.00	92.25	32.75
TH-42*	116.74	68.23	48.51
SW-3A	3.0'=125.53'	0.75	123.28
SW-3B2B	3.0'=97.97'	1.80	96.77
SW-3C2	6.0'=92.33'	1.60	87.93
Mine Cut #1	4.0'=122.14'	1.88	120.02
Mine Cut #2	6.0'=123.47	2.50	119.97
Mine Cut #3	4.0'=112.27'	2.10	110.37
Mine Cut #4	5.0'=97.54'	2.30	94.84

NGVD = National Geodetic Vertical Datum
T.O.C. = Top of Casing
B.T.O.C. = Below Top of Casing
* = Floridan Well
ND = No Data (Under Water)
W.L. = Water Level

Prepared by: Mike Townsel
QC'd by: Jim Clayton
Final QC by: David Adams, P.G.



Southeast County Landfill

Groundwater Elevation Contour Diagram – August 2009

Analytical Results from Groundwater Monitoring Wells Located at the Southeast Landfill (Phases 1-6)
August 24-27, 2009

GENERAL (mg/l)	Floridan Aquifer		Surficial Aquifer Wells							(MCL) STANDARD
PARAMETERS	TH-19	TH-40	TH-22A	TH-28A	TH-57	TH-58	TH-65	TH-66	TH-67	F.A.C. 62-550
well type	Background	Detection	Background	Detection	Detection	Detection	Detection	Background	Detection	NA
conductivity (umhos/cm) (field)	420	340	278	236	257	442	277	273	277	NS
dissolved oxygen (mg/l) (field)	0.30	0.29	0.28	0.16	0.84	0.34	0.81	0.12	4.70	NS
pH (field)	6.57	6.64	6.87	**5.08**	**5.25**	**5.40**	**5.8**	**6.08**	**6.36**	(6.5 - 8.5)**
temperature (°C) (field)	23.61	23.74	24.55	26.46	26.96	26.09	24.84	25.87	27.13	NS
turbidity (NTU) (field)	1.0	2.7	29.7	16	3.9	1.1	3.7	2	3.7	NS
total dissolved solids (mg/l)	260	200	170	150	150	250	200	170	160	500**
chloride (mg/l)	8.6	9.4	25	46	47	44	13	20	32	250**
ammonia nitrogen (mg/l as N)	0.35	0.36	0.82	1.4	1.1	0.67	1.4	0.45	0.5	NS
nitrate (mg/l as N)	BDL	BDL	BDL	BDL	BDL	0.22	BDL	BDL	BDL	10*

	Floridan Aquifer		Surficial Aquifer Wells							(MCL) STANDARD
Metals: (mg/l)	TH-19	TH-40	TH-22A	TH-28A	TH-57	TH-58	TH-65	TH-66	TH-67	F.A.C. 62-550
iron	BDL	BDL	**0.48**	**2.7**	**1.1**	**5.3**	**5.6**	**2.3**	**2**	0.3**
cadmium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005*
chromium	BDL	BDL	0.0072	0.0024	BDL	0.003	0.0031	BDL	BDL	0.2
copper	BDL	BDL	BDL	BDL	0.016	BDL	0.0032	BDL	BDL	1**
beryllium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.004*
barium	0.0055	0.0057	0.082	0.0045	0.012	0.021	0.0021	0.0028	0.0035	2*
cobalt	BDL	BDL	BDL	BDL	BDL	BDL	0.0024	BDL	BDL	140***
arsenic	BDL	BDL	BDL	BDL	BDL	**0.028**	0.010	0.0053	BDL	0.01*
lead	BDL	BDL	0.0025	BDL	BDL	BDL	BDL	BDL	BDL	0.015*
nickel	BDL	BDL	BDL	BDL	BDL	BDL	0.0039	BDL	BDL	0.1*
selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.05*
sodium	14	17	4.5	16	12	29	15	5.9	8	160*
mercury	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.000084	0.002*
vanadium	BDL	BDL	0.0034	BDL	BDL	0.010	0.0043	BDL	0.0094	49***
antimony	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.006*
zinc	BDL	BDL	BDL	BDL	BDL	BDL	0.015	BDL	BDL	5**
thallium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.002*

Organics: (µg/l)	Floridan Aquifer		Surficial Aquifer Wells							(MCL) STANDARD
Organic Parameters Detected	TH-19	TH-40	TH-22A	TH-28A	TH-57	TH-58	TH-65	TH-66	TH-67	F.A.C. 62-550
trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2100**
carbon disulfide	BDL	BDL	BDL	BDL	bDL	BDL	BDL	BDL	BDL	700***
methylene chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5*
1,1-dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700***
acrylonitrile	2.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	60***
bromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.8***
Iodomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS
ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700*
toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000*
total xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10000**

NOTE: Reference Groundwater Guidance Concentrations, FDEP June 1994
NS= NO STANDARD
MCL= MAXIMUM CONTAMINANT LEVEL
BDL= BELOW DETECTION LIMIT
*= DENOTES PRIMARY DRINKING WATER STANDARD
**= DENOTES SECONDARY DRINKING WATER STANDARD
***= STANDARDS, OR FLORIDA GUIDANCE CONCENTRATION MCL (shaded and bold)
5.08: EXCEEDS STANDARDS
NTU= NEPHELOMETRIC TURBIDITY UNITS
µg/l= MICROGRAMS PER LITER
mg/l= MILLIGRAMS PER LITER
NGVD National Geodetic Vertical Datum

Prepared by, Mike Townsel
QA/QC'D by Jim Clayton
Final QA/QC by David Adams

HILLSBOROUGH COUNTY
SOUTHEAST COUNTY LANDFILL TURBIDITY MONITORING

Date	Sampling Location	Time	Turbidity (NTU)	Notes
6/4/2009	3A	7:20 a.m.	5.3	2" rain on 6/3/09
	3B2B	7:32 a.m.	4.8	
	3C2	7:39 a.m.	6.1	
6/19/2009	3A	7:11 a.m.	4.5	1.1" rain on 6/18/09
	3B2B	7:31 a.m.	4.2	
	3C2	7:42 a.m.	5.2	
6/26/2009	3A	2:00 p.m.	5	1.1" rain on 6/26/09
	3B2B	2:07 p.m.	5.2	
	3C2	2:12 p.m.	10	
6/29/2009	3A	3:09 p.m.	4.4	1.4" rain on 6/29/09
	3B2B	3:23 p.m.	5.4	
	3C2	3:42 p.m.	10	
7/1/2009	3A	10:45 a.m.	8.4	2.7" rain on 7/1/09
	3B2B	10:55 a.m.	8.3	
	3C2	11:00 a.m.	22	
7/20/2009	3A	1:25 p.m	5.6	1.3" rain on 7/20/09
	3B2B	1:35 p.m.	5.8	
	3C2	1:40 p.m.	5.2	
8/20/2009	3A	7:20 a.m.	4.7	1.2" rain on 8/19/09
	3B2B	7:31 a.m.	4.8	
	3C2	7:39 a.m.	24	
8/26/2009	3A	7:15 a.m.	4.4	1.7" rain on 8/25/09
	3B2B	7:26 a.m.	7.1	
	3C2	7:33 a.m.	9	

November 19, 2009

Mr. Howard Barnes
P.O. Box 108
Lithia, FL 33547

Subject: **Analytical Data**
Domestic Supply Well
17502 County Road 672

Dear Mr. Barnes:

The Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on August 24, 2009. All parameters tested are within Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-.320).

If you have any questions on the analysis, you may call me at 276-2955. Thank you for permission to test this well.

Sincerely,

Michael D. Townsel
Senior Hydrologist
Solid Waste Management Department

mdt
Enclosures
xc: Irene Barnes, Southeast Hillsborough Civic Association
Cindy Morris, Hillsborough County Health Department

November 19, 2009

Mr. Tom Holland
121 Carter Road
Lithia, FL 33547

Subject: **Analytical Data**
Domestic Supply Well
121 Carter Road

Dear Mr. Holland:

The Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on August 24, 2009. Iron was observed at a concentration of 1.6 mg/l which is above the Florida Secondary Drinking Water Standard (FAC Ch 62-550.320) of 0.3 mg/l. All other parameters are within Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-.320).

For health effects information you may call the Hillsborough County Health Department at (813) 307-8001. If you have any questions on the analysis, you may call me at 276-2955. Thank you for your permission to test this well.

Sincerely,

Michael D. Townsel
Senior Hydrologist
Solid Waste Management Department

mdt
Enclosures
xc: Irene Barnes, Southeast Hillsborough Civic Association
Cindy Morris, Hillsborough County Health Department

November 19, 2009

Mr. & Mrs. Harold Weeks
116 Wendel Ave.
Lithia, FL 33547

Subject: **Analytical Data**
Domestic Supply Well
116 Wendel Ave.

Dear Mr. & Mrs. Weeks:

The Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on August 24, 2009. Iron was observed at a concentration of 0.74 mg/l. This value exceeds the Florida Secondary Drinking Water Standard (FAC Ch 62-550.320) of 0.3 mg/l. Total alpha and radium 226 was observed at concentrations of 16.4 pCi/l and 12.5 pCi/l, respectfully. These values exceed the Florida Primary Drinking Water Standards (FAC Ch 62-550.310) of 15 pCi/l and 5 pCi/l. All other parameters tested are within Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-.320).

For health effects information you may call the Hillsborough Health Department at (813) 307-8001. If you have any questions on the analysis, you may call me at 276-2955. Thank you for your permission to test this well.

Sincerely,

Michael D. Townsel
Senior Hydrologist
Solid Waste Management Department

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-1

Client Sample ID: Surface Site 3A
Lab Sample ID: 660-31216-1

Date Sampled: 08/24/2009 1500
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 0650		
Prep Method: 5030B			Date Prepared:	08/26/2009 0650		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-1

Client Sample ID: Surface Site 3A
Lab Sample ID: 660-31216-1

Date Sampled: 08/24/2009 1500
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	97		%		70 - 130	
Toluene-d8 (Surr)	108		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2020		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/27/2009 1119		
Prep Method: 3005A			Date Prepared:	08/26/2009 0657		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	34		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	4.2	I	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	5.8	I	ug/L	2.9	10	1.0
Iron	4200		ug/L	50	200	1.0
Lead	3.6	I	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	3.2	I	ug/L	2.5	10	1.0
Zinc	26		ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1455		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 350.1			Date Analyzed:	09/01/2009 1058		
Ammonia (as N)	0.079		mg/L	0.010	0.020	1.0
Method: 351.2			Date Analyzed:	08/28/2009 1210		

Mr. David S Adams
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Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-1

Client Sample ID: Surface Site 3A
Lab Sample ID: 660-31216-1

Date Sampled: 08/24/2009 1500
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 351.2			Date Prepared:		08/27/2009 1200	
Nitrogen, Kjeldahl	0.73		mg/L	0.050	0.20	1.0
Method: 353.2			Date Analyzed:		08/26/2009 0908	
Nitrate Nitrite as N	0.10	U	mg/L	0.10	0.50	1.0
Nitrite Nitrogen	0.10	U	mg/L	0.10	0.50	1.0
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: 365.4			Date Analyzed:		09/01/2009 1150	
Prep Method: 365.2/365.3/365			Date Prepared:		08/31/2009 1500	
Phosphorus, Total	0.10	U	mg/L	0.10	0.30	1.0
Method: SM 2540C			Date Analyzed:		08/28/2009 0852	
Total Dissolved Solids	170		mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:		08/28/2009 0846	
Total Suspended Solids	5.4		mg/L	1.4	2.9	1.0
Method: SM 5220D			Date Analyzed:		08/26/2009 0930	
Prep Method: SM 5220			Date Prepared:		08/25/2009 1600	
Chemical Oxygen Demand	40		mg/L	10	20	1.0
Method: SM 5310C			Date Analyzed:		09/03/2009 2327	
Total Organic Carbon	13		mg/L	0.10	1.0	1.0
Method: Total Nitrogen			Date Analyzed:		08/31/2009 1812	
Nitrogen, Total	0.73		mg/L	0.010	0.050	1.0

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Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-1

Client Sample ID: Surface Site 3A
Lab Sample ID: 660-31216-1

Date Sampled: 08/24/2009 1500
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/24/2009 1500		
Field pH	6.32	SU			1.0
Field Temperature	26.25	Degrees C			1.0
Oxygen, Dissolved	2.69	mg/L			1.0
Specific Conductance	247	umhos/cm			1.0
Turbidity	8.2	NTU			1.0

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Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-1

Client Sample ID: Surface Site 3A
Lab Sample ID: 660-31216-1

Date Sampled: 08/24/2009 1500
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: SM 2340B			Date Analyzed:	08/27/2009 1317		
Hardness as calcium carbonate	85		mg/L	3.3	3.3	1.0
Method: SM 10200H			Date Analyzed:	08/28/2009 1350		
Chlorophyll a	2.00	J3	ug/L	2.00	2.00	1.0
Method: SM 5210B			Date Analyzed:	08/26/2009 1202		
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Method: UnionizedNH3			Date Analyzed:	09/05/2009 0928		
Unionized Ammonia	0.00014	U	mg/L	0.00014	0.00014	1.0
Method: SM 9222D			Date Analyzed:	08/24/2009 1615		
Coliform, Fecal	210		CFU/100mL	10	10	10

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-1

Client Sample ID: Surface Site 3B2B
Lab Sample ID: 660-31216-2

Date Sampled: 08/24/2009 1435
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 0713		
Prep Method: 5030B			Date Prepared:	08/26/2009 0713		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-31216-1

Client Sample ID: Surface Site 3B2B
Lab Sample ID: 660-31216-2

Date Sampled: 08/24/2009 1435
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	94		%		70 - 130	
Toluene-d8 (Surr)	111		%		70 - 130	
Method: 8011			Date Analyzed:		09/01/2009 2034	
Prep Method: 8011			Date Prepared:		09/01/2009 1330	
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:		08/27/2009 1125	
Prep Method: 3005A			Date Prepared:		08/26/2009 0657	
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	15		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	550		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:		08/26/2009 1457	
Prep Method: 7470A			Date Prepared:		08/26/2009 1249	
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 350.1			Date Analyzed:		08/26/2009 1236	
Ammonia (as N)	0.10		mg/L	0.010	0.020	1.0
Method: 351.2			Date Analyzed:		08/28/2009 1211	

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Job Number: 660-31216-1

Client Sample ID: Surface Site 3B2B
Lab Sample ID: 660-31216-2

Date Sampled: 08/24/2009 1435
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 351.2			Date Prepared:	08/27/2009 1200		
Nitrogen, Kjeldahl	0.73		mg/L	0.050	0.20	1.0
Method: 353.2			Date Analyzed:	08/26/2009 0908		
Nitrate Nitrite as N	0.10	U	mg/L	0.10	0.50	1.0
Nitrite Nitrogen	0.10	U	mg/L	0.10	0.50	1.0
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: 365.4			Date Analyzed:	09/01/2009 1151		
Prep Method: 365.2/365.3/365			Date Prepared:	08/31/2009 1500		
Phosphorus, Total	0.40		mg/L	0.10	0.30	1.0
Method: SM 2540C			Date Analyzed:	08/28/2009 0852		
Total Dissolved Solids	160		mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	08/28/2009 0846		
Total Suspended Solids	8.9		mg/L	0.60	1.2	1.0
Method: SM 5220D			Date Analyzed:	08/26/2009 0930		
Prep Method: SM 5220			Date Prepared:	08/25/2009 1600		
Chemical Oxygen Demand	34		mg/L	10	20	1.0
Method: SM 5310C			Date Analyzed:	09/02/2009 1828		
Total Organic Carbon	15		mg/L	0.10	1.0	1.0
Method: Total Nitrogen			Date Analyzed:	08/31/2009 1812		
Nitrogen, Total	0.73		mg/L	0.010	0.050	1.0

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Job Number: 660-31216-1

Client Sample ID: Surface Site 3B2B
Lab Sample ID: 660-31216-2

Date Sampled: 08/24/2009 1435
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/24/2009 1435		
Field pH	6.88	SU			1.0
Field Temperature	25.81	Degrees C			1.0
Oxygen, Dissolved	4.95	mg/L			1.0
Specific Conductance	232	umhos/cm			1.0
Turbidity	4.9	NTU			1.0

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Job Number: 660-31216-1

Client Sample ID: Surface Site 3B2B
Lab Sample ID: 660-31216-2

Date Sampled: 08/24/2009 1435
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: SM 2340B			Date Analyzed:	08/27/2009 1317		
Hardness as calcium carbonate	70		mg/L	3.3	3.3	1.0
Method: SM 10200H			Date Analyzed:	08/28/2009 1352		
Chlorophyll a	3.00	J3	ug/L	2.00	2.00	1.0
Method: SM 5210B			Date Analyzed:	08/26/2009 1202		
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Method: UnionizedNH3			Date Analyzed:	09/05/2009 0928		
Unionized Ammonia	0.00055		mg/L	0.00014	0.00014	1.0
Method: SM 9222D			Date Analyzed:	08/24/2009 1615		
Coliform, Fecal	810	B	CFU/100mL	1.0	1.0	1.0

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Job Number: 660-31216-1

Client Sample ID: Surface Site 3C2
Lab Sample ID: 660-31216-3

Date Sampled: 08/24/2009 1412
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 0736		
Prep Method: 5030B			Date Prepared:	08/26/2009 0736		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-31216-1

Client Sample ID: Surface Site 3C2
Lab Sample ID: 660-31216-3

Date Sampled: 08/24/2009 1412
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	94		%		70 - 130	
Toluene-d8 (Surr)	108		%		70 - 130	
Method: 8011			Date Analyzed:		09/01/2009 2048	
Prep Method: 8011			Date Prepared:		09/01/2009 1330	
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:		08/27/2009 1131	
Prep Method: 3005A			Date Prepared:		08/26/2009 0657	
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	8.7	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	330		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.7	I	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:		08/26/2009 1459	
Prep Method: 7470A			Date Prepared:		08/26/2009 1249	
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 350.1			Date Analyzed:		08/26/2009 1237	
Ammonia (as N)	0.091		mg/L	0.010	0.020	1.0
Method: 351.2			Date Analyzed:		08/28/2009 1215	

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Job Number: 660-31216-1

Client Sample ID: Surface Site 3C2
Lab Sample ID: 660-31216-3

Date Sampled: 08/24/2009 1412
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 351.2			Date Prepared:	08/27/2009 1200		
Nitrogen, Kjeldahl	0.77		mg/L	0.050	0.20	1.0
Method: 353.2			Date Analyzed:	08/26/2009 0908		
Nitrate Nitrite as N	0.10	U	mg/L	0.10	0.50	1.0
Nitrite Nitrogen	0.10	U	mg/L	0.10	0.50	1.0
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: 365.4			Date Analyzed:	09/01/2009 1153		
Prep Method: 365.2/365.3/365			Date Prepared:	08/31/2009 1500		
Phosphorus, Total	0.64		mg/L	0.10	0.30	1.0
Method: SM 2540C			Date Analyzed:	08/28/2009 0852		
Total Dissolved Solids	200		mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	08/28/2009 0846		
Total Suspended Solids	2.3		mg/L	0.53	1.1	1.0
Method: SM 5220D			Date Analyzed:	08/26/2009 0930		
Prep Method: SM 5220			Date Prepared:	08/25/2009 1600		
Chemical Oxygen Demand	33		mg/L	10	20	1.0
Method: SM 5310C			Date Analyzed:	09/02/2009 1846		
Total Organic Carbon	15		mg/L	0.10	1.0	1.0
Method: Total Nitrogen			Date Analyzed:	08/31/2009 1812		
Nitrogen, Total	0.77		mg/L	0.010	0.050	1.0

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Job Number: 660-31216-1

Client Sample ID: Surface Site 3C2
Lab Sample ID: 660-31216-3

Date Sampled: 08/24/2009 1412
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/24/2009 1412		
Field pH	6.77	SU			1.0
Field Temperature	27.78	Degrees C			1.0
Oxygen, Dissolved	5.72	mg/L			1.0
Specific Conductance	280	umhos/cm			1.0
Turbidity	3.8	NTU			1.0

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Job Number: 660-31216-1

Client Sample ID: Surface Site 3C2
Lab Sample ID: 660-31216-3

Date Sampled: 08/24/2009 1412
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: SM 2340B			Date Analyzed:	08/27/2009 1317		
Hardness as calcium carbonate	88		mg/L	3.3	3.3	1.0
Method: SM 10200H			Date Analyzed:	08/28/2009 1353		
Chlorophyll a	4.10	J3	ug/L	2.00	2.00	1.0
Method: SM 5210B			Date Analyzed:	08/26/2009 1202		
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Method: UnionizedNH3			Date Analyzed:	09/05/2009 0928		
Unionized Ammonia	0.00045		mg/L	0.00014	0.00014	1.0
Method: SM 9222D			Date Analyzed:	08/24/2009 1615		
Coliform, Fecal	41		CFU/100mL	1.0	1.0	1.0

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Job Number: 660-31216-1

Client Sample ID: Mine Cut #1
Lab Sample ID: 660-31216-4

Date Sampled: 08/24/2009 1327
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 0759		
Prep Method: 5030B			Date Prepared:	08/26/2009 0759		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-31216-1

Client Sample ID: Mine Cut #1
Lab Sample ID: 660-31216-4

Date Sampled: 08/24/2009 1327
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	105		%		70 - 130	
Dibromofluoromethane	94		%		70 - 130	
Toluene-d8 (Surr)	107		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2102		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/27/2009 1137		
Prep Method: 3005A			Date Prepared:	08/26/2009 0657		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	5.7	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	3.0	I	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	700		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.4	I	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.3	I	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1501		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 350.1			Date Analyzed:	08/26/2009 1238		
Ammonia (as N)	0.13		mg/L	0.010	0.020	1.0
Method: 351.2			Date Analyzed:	08/28/2009 1217		

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Job Number: 660-31216-1

Client Sample ID: Mine Cut #1
Lab Sample ID: 660-31216-4

Date Sampled: 08/24/2009 1327
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 351.2			Date Prepared:	08/27/2009 1200		
Nitrogen, Kjeldahl	4.7		mg/L	0.050	0.20	1.0
Method: 353.2			Date Analyzed:	08/26/2009 0908		
Nitrate Nitrite as N	0.10	U	mg/L	0.10	0.50	1.0
Nitrite Nitrogen	0.10	U	mg/L	0.10	0.50	1.0
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: 365.4			Date Analyzed:	09/01/2009 1204		
Prep Method: 365.2/365.3/365			Date Prepared:	08/31/2009 1500		
Phosphorus, Total	7.1		mg/L	0.20	0.60	2.0
Method: SM 2540C			Date Analyzed:	08/28/2009 0852		
Total Dissolved Solids	280		mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	08/28/2009 0847		
Total Suspended Solids	12		mg/L	1.1	2.2	1.0
Method: SM 5220D			Date Analyzed:	08/26/2009 1630		
Prep Method: SM 5220			Date Prepared:	08/26/2009 1235		
Chemical Oxygen Demand	230		mg/L	10	20	1.0
Method: SM 5310C			Date Analyzed:	09/02/2009 1901		
Total Organic Carbon	78		mg/L	4.0	40	40
Method: Total Nitrogen			Date Analyzed:	08/31/2009 1812		
Nitrogen, Total	4.7		mg/L	0.010	0.050	1.0

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Job Number: 660-31216-1

Client Sample ID: Mine Cut #1
Lab Sample ID: 660-31216-4

Date Sampled: 08/24/2009 1327
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/24/2009 1327		
Field pH	6.40	SU			1.0
Field Temperature	25.71	Degrees C			1.0
Oxygen, Dissolved	0.23	mg/L			1.0
Specific Conductance	277	umhos/cm			1.0
Turbidity	3.9	NTU			1.0

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Job Number: 660-31216-1

Client Sample ID: Mine Cut #1
Lab Sample ID: 660-31216-4

Date Sampled: 08/24/2009 1327
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: SM 2340B			Date Analyzed:	08/27/2009 1317		
Hardness as calcium carbonate	120		mg/L	3.3	3.3	1.0
Method: SM 10200H			Date Analyzed:	08/28/2009 1355		
Chlorophyll a	9.30	J3	ug/L	2.00	2.00	1.0
Method: SM 5210B			Date Analyzed:	08/26/2009 1202		
Biochemical Oxygen Demand	3.3		mg/L	2.0	2.0	1.0
Method: UnionizedNH3			Date Analyzed:	09/05/2009 0928		
Unionized Ammonia	0.00024		mg/L	0.00014	0.00014	1.0
Method: SM 9222D			Date Analyzed:	08/24/2009 1615		
Coliform, Fecal	12		CFU/100mL	1.0	1.0	1.0

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Job Number: 660-31216-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31216-5

Date Sampled: 08/24/2009 1315
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 0343		
Prep Method: 5030B			Date Prepared:	08/26/2009 0343		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-31216-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31216-5

Date Sampled: 08/24/2009 1315
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	102		%		70 - 130	
Dibromofluoromethane	96		%		70 - 130	
Toluene-d8 (Surr)	108		%		70 - 130	
Method: 8011			Date Analyzed:		09/01/2009 2115	
Prep Method: 8011			Date Prepared:		09/01/2009 1330	
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:		08/27/2009 1143	
Prep Method: 3005A			Date Prepared:		08/26/2009 0657	
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	2.0	U	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:		08/26/2009 1503	
Prep Method: 7470A			Date Prepared:		08/26/2009 1249	
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 350.1			Date Analyzed:		09/01/2009 1059	
Ammonia (as N)	0.013	I	mg/L	0.010	0.020	1.0
Method: 351.2			Date Analyzed:		08/28/2009 1218	

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Job Number: 660-31216-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31216-5

Date Sampled: 08/24/2009 1315
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 351.2			Date Prepared:		08/27/2009 1200	
Nitrogen, Kjeldahl	0.050	U	mg/L	0.050	0.20	1.0
Method: 353.2			Date Analyzed:		08/26/2009 0908	
Nitrate Nitrite as N	0.10	U	mg/L	0.10	0.50	1.0
Nitrite Nitrogen	0.10	U	mg/L	0.10	0.50	1.0
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: 365.4			Date Analyzed:		09/01/2009 1206	
Prep Method: 365.2/365.3/365			Date Prepared:		08/31/2009 1500	
Phosphorus, Total	0.10	U	mg/L	0.10	0.30	1.0
Method: SM 2540C			Date Analyzed:		09/01/2009 0928	
Total Dissolved Solids	5.0	U Q	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:		09/01/2009 0923	
Total Suspended Solids	0.56	U Q	mg/L	0.56	1.2	1.0
Method: SM 5220D			Date Analyzed:		08/26/2009 0930	
Prep Method: SM 5220			Date Prepared:		08/25/2009 1600	
Chemical Oxygen Demand	10	U	mg/L	10	20	1.0
Method: SM 5310C			Date Analyzed:		09/02/2009 2002	
Total Organic Carbon	0.10	U	mg/L	0.10	1.0	1.0
Method: Total Nitrogen			Date Analyzed:		08/31/2009 1812	
Nitrogen, Total	0.010	U	mg/L	0.010	0.050	1.0

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Solid Waste Management Department
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Tampa, FL 33601

Job Number: 660-31216-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31216-5

Date Sampled: 08/24/2009 1315
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: SM 2340B			Date Analyzed:	08/27/2009 1317		
Hardness as calcium carbonate	3.3	U	mg/L	3.3	3.3	1.0
Method: SM 10200H			Date Analyzed:	08/28/2009 1356		
Chlorophyll a	2.00	J3U	ug/L	2.00	2.00	1.0
Method: SM 5210B			Date Analyzed:	08/26/2009 1202		
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-31216-1

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.
GC Semi VOA		
	U	Indicates that the compound was analyzed for but not detected.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	Q	Sample held beyond the accepted holding time.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Biology		
	U	Indicates that the compound was analyzed for but not detected.
	B	Results based upon colony counts outside the acceptable range. This code applies to microbiological tests and specifically to membrane filter colony counts.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

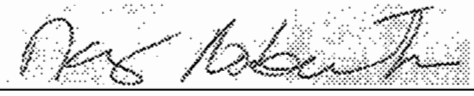
ANALYTICAL REPORT

Job Number: 660-31218-1

Job Description: Southeast Landfill Private Wells

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
9/29/2009 12:00 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
09/29/2009

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Tallahassee E81005
TestAmerica KNL E84025

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-J31218-1

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

GC/MS VOA
Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 83792 were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

General Chemistry
Method SM 2540C and SM 2540D (TSS, TDS): Due to analyst oversight, the samples were analyzed one day after the EPA recommended holding time exceeded. The samples are flagged with Q.

Method 353.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 83842 were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 83802 associated with sample Barnes were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria. The sample is flagged with J3.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31218-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31218-1	**WEEKS**					
Gross Alpha		16.4		1.3	pCi/L	900.0
Radium-226		12.5		0.6	pCi/L	903.0
Radium-228		0.8		1.0	pCi/L	Ra-05
Field pH		7.54			SU	Field Sampling
Field Temperature		24.29			Degrees C	Field Sampling
Oxygen, Dissolved		0.92			mg/L	Field Sampling
Specific Conductance		553			umhos/cm	Field Sampling
Turbidity		2.1			NTU	Field Sampling
Chloride		40		0.50	mg/L	300.0
Ammonia (as N)		0.20		0.020	mg/L	350.1
Total Dissolved Solids		320	Q	10	mg/L	SM 2540C
Total Suspended Solids		3.6	Q	1.2	mg/L	SM 2540D
Total Organic Carbon		2.6		1.0	mg/L	SM 5310C
Total Recoverable						
Arsenic		4.7	I	10	ug/L	6010B
Barium		5.2	I	10	ug/L	6010B
Iron		740		200	ug/L	6010B
Lead		14		10	ug/L	6010B
Sodium		8.4		0.50	mg/L	6010B
Zinc		240		20	ug/L	6010B
660-31218-2EB	**EQUIPMENT BLANK**					
Gross Alpha		0.2		0.8	pCi/L	900.0
Radium-226		0.4		0.6	pCi/L	903.0
Radium-228		0.0		1.0	pCi/L	Ra-05
Ammonia (as N)		0.15		0.020	mg/L	350.1
Total Recoverable						
Sodium		0.57		0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31218-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31218-3	**BARNES**					
Gross Alpha		3.1		0.9	pCi/L	900.0
Radium-226		3.8		0.6	pCi/L	903.0
Radium-228		0.1		1.0	pCi/L	Ra-05
Field pH		7.50			SU	Field Sampling
Field Temperature		25.60			Degrees C	Field Sampling
Oxygen, Dissolved		4.29			mg/L	Field Sampling
Specific Conductance		381			umhos/cm	Field Sampling
Turbidity		7.4			NTU	Field Sampling
Chloride		8.5		0.50	mg/L	300.0
Ammonia (as N)		0.25	J3	0.020	mg/L	350.1
Nitrate as N		0.12	I	0.50	mg/L	353.2
Total Dissolved Solids		220	Q	5.0	mg/L	SM 2540C
Total Organic Carbon		2.2		1.0	mg/L	SM 5310C
Total Recoverable						
Barium		5.0	I	10	ug/L	6010B
Lead		2.2	I	10	ug/L	6010B
Sodium		16		0.50	mg/L	6010B
Zinc		120		20	ug/L	6010B
660-31218-4	**HOLLAND**					
Gross Alpha		2.5		0.9	pCi/L	900.0
Radium-226		2.5		0.7	pCi/L	903.0
Radium-228		0.2		1.0	pCi/L	Ra-05
Mercury		0.088	I	0.20	ug/L	7470A
Field pH		7.45			SU	Field Sampling
Field Temperature		24.17			Degrees C	Field Sampling
Oxygen, Dissolved		0.14			mg/L	Field Sampling
Specific Conductance		389			umhos/cm	Field Sampling
Turbidity		1.1			NTU	Field Sampling
Chloride		19		0.50	mg/L	300.0
Ammonia (as N)		0.12		0.020	mg/L	350.1
Total Dissolved Solids		220	Q	5.0	mg/L	SM 2540C
Total Suspended Solids		3.8	Q	1.1	mg/L	SM 2540D
Total Organic Carbon		1.2		1.0	mg/L	SM 5310C
Total Recoverable						
Barium		4.2	I	10	ug/L	6010B
Iron		1600		200	ug/L	6010B
Nickel		5.7	I	8.0	ug/L	6010B
Sodium		5.2		0.50	mg/L	6010B
Zinc		30		20	ug/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-31218-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
VOC	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
EDB, DBCP, and 1,2,3-TCP (GC)	TAL TAL	SW846 8011	
Microextraction	TAL TAL		SW846 8011
Metals (ICP)	TAL TAM	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL TAM		SW846 3005A
Mercury (CVAA)	TAL TAM	SW846 7470A	
Preparation, Mercury	TAL TAM		SW846 7470A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite	TAL TAM	MCAWW 353.2	
Solids, Total Dissolved (TDS)	TAL TAL	SM SM 2540C	
Solids, Total Suspended (TSS)	TAL TAL	SM SM 2540D	
TOC	TAL TAL	SM SM 5310C	
Gross Alpha and Gross Beta Radioactivity	SC0009	EPA 900.0	
Radium-226 (GFPC)	SC0009	EPA 903.0	
Radiochemical Microbiology	SC0009	EPA Ra-05	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

SC0009 = KNL Laboratory Services

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

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: Hillsborough County

Job Number: 660-31218-1

Method	Analyst	Analyst ID
SW846 8260B	Harris, Chris	CH
SW846 8011	Kelly, Cheryl A	CAK
EPA 900.0	ANALYST, SUBCONTRACTED	SUB
EPA 903.0	ANALYST, SUBCONTRACTED	SUB
EPA Ra-05	ANALYST, SUBCONTRACTED	SUB
SW846 6010B	Fox, Greg	GF
SW846 7470A	Canales, Richard	RC
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Petterson, Alyssa	AP
MCAWW 350.1	Alvarez, Luz	LA
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2540C	Office, Trey	TO
SM SM 2540D	Office, Trey	TO
SM SM 5310C	Frank, Michelle	MF

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-31218-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-31218-1	Weeks	Water	08/24/2009 1145	08/24/2009 1600
660-31218-2EB	Equipment Blank	Water	08/24/2009 1125	08/24/2009 1600
660-31218-3	Barnes	Water	08/24/2009 1303	08/24/2009 1600
660-31218-4	Holland	Water	08/24/2009 1229	08/24/2009 1600
660-31218-5TB	Travel Blank	Water	08/24/2009 1120	08/24/2009 1600

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Mr. David S Adams
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Solid Waste Management Department
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Tampa, FL 33601

Job Number: 660-31218-1

Client Sample ID: Weeks
Lab Sample ID: 660-31218-1

Date Sampled: 08/24/2009 1145
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 0429		
Prep Method: 5030B			Date Prepared:	08/26/2009 0429		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Weeks
Lab Sample ID: 660-31218-1

Date Sampled: 08/24/2009 1145
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	101		%		70 - 130	
Dibromofluoromethane	93		%		70 - 130	
Toluene-d8 (Surr)	107		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2129		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/27/2009 1048		
Prep Method: 3005A			Date Prepared:	08/26/2009 0657		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.7	I	ug/L	4.0	10	1.0
Barium	5.2	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	740		ug/L	50	200	1.0
Lead	14		ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	8.4		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	240		ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1408		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/02/2009 0308		
Chloride	40		mg/L	0.20	0.50	1.0

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Job Number: 660-31218-1

Client Sample ID: Weeks
Lab Sample ID: 660-31218-1

Date Sampled: 08/24/2009 1145
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		08/26/2009 1223	
Ammonia (as N)	0.20		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/26/2009 0908	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		09/01/2009 0928	
Total Dissolved Solids	320	Q	mg/L	10	10	1.0
Method: SM 2540D			Date Analyzed:		09/01/2009 0923	
Total Suspended Solids	3.6	Q	mg/L	0.56	1.2	1.0
Method: SM 5310C			Date Analyzed:		09/02/2009 1649	
Total Organic Carbon	2.6		mg/L	0.10	1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Weeks
Lab Sample ID: 660-31218-1

Date Sampled: 08/24/2009 1145
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/24/2009 1145		
Field pH	7.54	SU			1.0
Field Temperature	24.29	Degrees C			1.0
Oxygen, Dissolved	0.92	mg/L			1.0
Specific Conductance	553	umhos/cm			1.0
Turbidity	2.1	NTU			1.0

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Job Number: 660-31218-1

Client Sample ID: Weeks
Lab Sample ID: 660-31218-1

Date Sampled: 08/24/2009 1145
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: 900.0		Date Analyzed:	09/02/2009 0800		
Gross Alpha	16.4	pCi/L		1.3	1.0
Method: 903.0		Date Analyzed:	08/28/2009 1300		
Radium-226	12.5	pCi/L		0.6	1.0
Method: Ra-05		Date Analyzed:	09/04/2009 0910		
Radium-228	0.8	pCi/L		1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31218-2

Date Sampled: 08/24/2009 1125
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 0257		
Prep Method: 5030B			Date Prepared:	08/26/2009 0257		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31218-2

Date Sampled: 08/24/2009 1125
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	93		%		70 - 130	
Toluene-d8 (Surr)	110		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2142		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/27/2009 1054		
Prep Method: 3005A			Date Prepared:	08/26/2009 0657		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	2.0	U	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	0.57		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1415		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/02/2009 0341		
Chloride	0.20	U	mg/L	0.20	0.50	1.0

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Job Number: 660-31218-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31218-2

Date Sampled: 08/24/2009 1125
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		08/26/2009 1224	
Ammonia (as N)	0.15		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/26/2009 0908	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		09/01/2009 0928	
Total Dissolved Solids	5.0	U Q	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:		09/01/2009 0924	
Total Suspended Solids	0.53	U Q	mg/L	0.53	1.1	1.0
Method: SM 5310C			Date Analyzed:		09/02/2009 1702	
Total Organic Carbon	0.10	U	mg/L	0.10	1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31218-2

Date Sampled: 08/24/2009 1125
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: 900.0		Date Analyzed:	09/02/2009 0800		
Gross Alpha	0.2	pCi/L		0.8	1.0
Method: 903.0		Date Analyzed:	08/28/2009 1300		
Radium-226	0.4	pCi/L		0.6	1.0
Method: Ra-05		Date Analyzed:	09/04/2009 0910		
Radium-228	0.0	pCi/L		1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Barnes
Lab Sample ID: 660-31218-3

Date Sampled: 08/24/2009 1303
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 0451		
Prep Method: 5030B			Date Prepared:	08/26/2009 0451		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Barnes
Lab Sample ID: 660-31218-3

Date Sampled: 08/24/2009 1303
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	102		%		70 - 130	
Dibromofluoromethane	95		%		70 - 130	
Toluene-d8 (Surr)	110		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2156		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/27/2009 1024		
Prep Method: 3005A			Date Prepared:	08/26/2009 0657		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	5.0	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.2	I	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	120		ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1417		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/02/2009 0413		
Chloride	8.5		mg/L	0.20	0.50	1.0

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Job Number: 660-31218-1

Client Sample ID: Barnes
Lab Sample ID: 660-31218-3

Date Sampled: 08/24/2009 1303
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:	08/26/2009 1228		
Ammonia (as N)	0.25	J3	mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/26/2009 0908		
Nitrate as N	0.12	I	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:	09/01/2009 0928		
Total Dissolved Solids	220	Q	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	09/01/2009 0924		
Total Suspended Solids	0.56	U Q	mg/L	0.56	1.2	1.0
Method: SM 5310C			Date Analyzed:	09/03/2009 2342		
Total Organic Carbon	2.2		mg/L	0.10	1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Barnes
Lab Sample ID: 660-31218-3

Date Sampled: 08/24/2009 1303
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/24/2009 1303		
Field pH	7.50	SU			1.0
Field Temperature	25.60	Degrees C			1.0
Oxygen, Dissolved	4.29	mg/L			1.0
Specific Conductance	381	umhos/cm			1.0
Turbidity	7.4	NTU			1.0

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Job Number: 660-31218-1

Client Sample ID: Barnes
Lab Sample ID: 660-31218-3

Date Sampled: 08/24/2009 1303
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: 900.0		Date Analyzed:	09/02/2009 0800		
Gross Alpha	3.1	pCi/L		0.9	1.0
Method: 903.0		Date Analyzed:	08/28/2009 1300		
Radium-226	3.8	pCi/L		0.6	1.0
Method: Ra-05		Date Analyzed:	09/04/2009 0910		
Radium-228	0.1	pCi/L		1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Holland
Lab Sample ID: 660-31218-4

Date Sampled: 08/24/2009 1229
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 0517		
Prep Method: 5030B			Date Prepared:	08/26/2009 0517		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Holland
Lab Sample ID: 660-31218-4

Date Sampled: 08/24/2009 1229
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	98		%		70 - 130	
Dibromofluoromethane	95		%		70 - 130	
Toluene-d8 (Surr)	112		%		70 - 130	
Method: 8011			Date Analyzed:		09/01/2009 2210	
Prep Method: 8011			Date Prepared:		09/01/2009 1330	
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:		08/27/2009 1101	
Prep Method: 3005A			Date Prepared:		08/26/2009 0657	
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	4.2	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	1600		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	5.7	I	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	5.2		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	30		ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:		08/26/2009 1424	
Prep Method: 7470A			Date Prepared:		08/26/2009 1249	
Mercury	0.088	I	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:		09/02/2009 0446	
Chloride	19		mg/L	0.20	0.50	1.0

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Job Number: 660-31218-1

Client Sample ID: Holland
Lab Sample ID: 660-31218-4

Date Sampled: 08/24/2009 1229
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:	08/26/2009 1231		
Ammonia (as N)	0.12		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/26/2009 0908		
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:	09/01/2009 0928		
Total Dissolved Solids	220	Q	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	09/01/2009 0924		
Total Suspended Solids	3.8	Q	mg/L	0.53	1.1	1.0
Method: SM 5310C			Date Analyzed:	09/02/2009 1728		
Total Organic Carbon	1.2		mg/L	0.10	1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Holland
Lab Sample ID: 660-31218-4

Date Sampled: 08/24/2009 1229
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/24/2009 1229		
Field pH	7.45	SU			1.0
Field Temperature	24.17	Degrees C			1.0
Oxygen, Dissolved	0.14	mg/L			1.0
Specific Conductance	389	umhos/cm			1.0
Turbidity	1.1	NTU			1.0

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Job Number: 660-31218-1

Client Sample ID: Holland
Lab Sample ID: 660-31218-4

Date Sampled: 08/24/2009 1229
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: 900.0		Date Analyzed:	09/02/2009 0800		
Gross Alpha	2.5	pCi/L		0.9	1.0
Method: 903.0		Date Analyzed:	09/03/2009 0935		
Radium-226	2.5	pCi/L		0.7	1.0
Method: Ra-05		Date Analyzed:	09/04/2009 0910		
Radium-228	0.2	pCi/L		1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-31218-5

Date Sampled: 08/24/2009 1120
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 0320		
Prep Method: 5030B			Date Prepared:	08/26/2009 0320		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-31218-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-31218-5

Date Sampled: 08/24/2009 1120
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene	105	%	70 - 130
Dibromofluoromethane	94	%	70 - 130
Toluene-d8 (Surr)	107	%	70 - 130

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-31218-1

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.
GC Semi VOA		
	U	Indicates that the compound was analyzed for but not detected.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	Q	Sample held beyond the accepted holding time.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 660-83792

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-83792/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 0145
Date Prepared: 08/26/2009 0145

Analysis Batch: 660-83792
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JH2510.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	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone	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
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
Dibromochloromethane	0.34	U	0.34	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 660-83792

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-83792/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 0145
Date Prepared: 08/26/2009 0145

Analysis Batch: 660-83792
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JH2510.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	101	70 - 130
Dibromofluoromethane	97	70 - 130
Toluene-d8 (Surr)	107	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Lab Control Sample - Batch: 660-83792

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-83792/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 0014
Date Prepared: 08/26/2009 0014

Analysis Batch: 660-83792
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JH2506.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	97.6	98	62 - 142	
Acrylonitrile	200	191	95	10 - 183	
Benzene	20.0	22.7	114	64 - 140	
Bromochloromethane	20.0	20.0	100	59 - 130	
Bromodichloromethane	20.0	20.8	104	70 - 130	
Bromoform	20.0	18.3	92	65 - 130	
Bromomethane	20.0	19.4	97	14 - 184	
2-Butanone	100	92.9	93	63 - 140	
Carbon disulfide	10.0	8.77	88	30 - 184	
Carbon tetrachloride	20.0	20.9	104	53 - 145	
Chlorobenzene	20.0	22.9	115	70 - 130	
Chloroethane	20.0	13.7	69	39 - 174	
Chloroform	20.0	21.2	106	59 - 130	
Chloromethane	20.0	16.8	84	35 - 153	
cis-1,2-Dichloroethene	20.0	21.4	107	61 - 130	
cis-1,3-Dichloropropene	20.0	20.8	104	70 - 130	
Dibromochloromethane	20.0	20.4	102	70 - 130	
Dibromomethane	20.0	20.3	102	70 - 130	
1,2-Dichlorobenzene	20.0	20.3	102	70 - 130	
1,4-Dichlorobenzene	20.0	21.4	107	70 - 130	
1,1-Dichloroethane	20.0	22.7	114	60 - 132	
1,2-Dichloroethane	20.0	20.6	103	70 - 130	
1,1-Dichloroethene	20.0	23.2	116	51 - 157	
1,2-Dichloropropane	20.0	22.1	110	70 - 130	
Ethylbenzene	20.0	22.6	113	69 - 131	
2-Hexanone	100	113	113	57 - 148	
Iodomethane	20.0	20.7	103	70 - 130	
Methylene Chloride	20.0	25.5	127	57 - 130	
4-Methyl-2-pentanone	100	104	104	64 - 137	
Styrene	20.0	20.9	104	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	19.7	98	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	20.6	103	67 - 130	
Tetrachloroethene	20.0	20.3	101	47 - 143	
Toluene	20.0	22.6	113	70 - 131	
trans-1,4-Dichloro-2-butene	20.0	19.9	99	70 - 130	
trans-1,2-Dichloroethene	20.0	22.2	111	55 - 145	
trans-1,3-Dichloropropene	20.0	19.5	97	62 - 130	
1,1,1-Trichloroethane	20.0	23.0	115	57 - 135	
1,1,2-Trichloroethane	20.0	20.5	102	69 - 130	
Trichloroethene	20.0	21.1	106	59 - 142	
Trichlorofluoromethane	20.0	16.2	81	62 - 147	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Lab Control Sample - Batch: 660-83792

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-83792/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 0014
Date Prepared: 08/26/2009 0014

Analysis Batch: 660-83792
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JH2506.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	20.0	18.9	94	62 - 130	
Vinyl acetate	30.4	19.6	65	10 - 166	
Vinyl chloride	20.0	16.1	80	48 - 147	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83792

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	660-31208-A-1 MS	Analysis Batch: 660-83792	Instrument ID: BVMJ GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: 2JH2528.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/26/2009 0846		Final Weight/Volume: 5 mL
Date Prepared:	08/26/2009 0846		

MSD Lab Sample ID:	660-31208-A-1 MSD	Analysis Batch: 660-83792	Instrument ID: BVMJ GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: 2JH2529.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/26/2009 0909		Final Weight/Volume: 5 mL
Date Prepared:	08/26/2009 0909		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	135	147	62 - 142	8	30		J3
Acrylonitrile	114	124	10 - 183	9	30		
Benzene	115	130	64 - 140	12	30		
Bromochloromethane	96	110	59 - 130	13	30		
Bromodichloromethane	110	133	70 - 130	19	30		J3
Bromoform	92	105	65 - 130	12	30		
Bromomethane	105	116	14 - 184	10	30		
2-Butanone	124	136	63 - 140	9	30		
Carbon disulfide	89	108	30 - 184	19	30		
Carbon tetrachloride	106	119	53 - 145	11	30		
Chlorobenzene	116	137	70 - 130	16	30		J3
Chloroethane	76	86	39 - 174	13	30		
Chloroform	103	121	59 - 130	16	30		
Chloromethane	86	93	35 - 153	7	30		
cis-1,2-Dichloroethene	102	120	61 - 130	16	30		
cis-1,3-Dichloropropene	103	119	70 - 130	15	30		
Dibromochloromethane	105	126	70 - 130	18	30		
Dibromomethane	111	128	70 - 130	15	30		
1,2-Dichlorobenzene	101	119	70 - 130	16	30		
1,4-Dichlorobenzene	105	127	70 - 130	19	30		
1,1-Dichloroethane	112	131	60 - 132	15	30		
1,2-Dichloroethane	99	115	70 - 130	14	30		
1,1-Dichloroethene	122	139	51 - 157	13	30		
1,2-Dichloropropane	50	81	70 - 130	5	30	J3	
Ethylbenzene	116	138	69 - 131	17	30		J3
2-Hexanone	157	176	57 - 148	11	30	J3	J3
Iodomethane	100	113	70 - 130	12	30		
Methylene Chloride	112	129	57 - 130	14	30		
4-Methyl-2-pentanone	136	153	64 - 137	12	30		J3

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83792

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	660-31208-A-1 MS	Analysis Batch: 660-83792	Instrument ID: BVMJ GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: 2JH2528.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/26/2009 0846		Final Weight/Volume: 5 mL
Date Prepared:	08/26/2009 0846		

MSD Lab Sample ID:	660-31208-A-1 MSD	Analysis Batch: 660-83792	Instrument ID: BVMJ GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: 2JH2529.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/26/2009 0909		Final Weight/Volume: 5 mL
Date Prepared:	08/26/2009 0909		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	91	96	62 - 136	5	30		
1,1,1,2-Tetrachloroethane	100	112	70 - 130	11	30		
1,1,2,2-Tetrachloroethane	117	134	67 - 130	13	30		J3
Tetrachloroethene	107	120	47 - 143	11	30		
Toluene	127	144	70 - 131	12	30		J3
trans-1,4-Dichloro-2-butene	103	104	70 - 130	1	30		
trans-1,2-Dichloroethene	109	125	55 - 145	14	30		
trans-1,3-Dichloropropene	103	119	62 - 130	14	30		
1,1,1-Trichloroethane	113	129	57 - 135	13	30		
1,1,2-Trichloroethane	115	129	69 - 130	12	30		
Trichloroethene	103	116	59 - 142	12	30		
Trichlorofluoromethane	90	105	62 - 147	16	30		
1,2,3-Trichloropropane	103	124	62 - 130	13	30		
Vinyl acetate	44	46	10 - 166	5	30		
Vinyl chloride	90	99	48 - 147	9	30		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 640-60341

Method: 8011
Preparation: 8011

Lab Sample ID: MB 640-60341/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1759
Date Prepared: 09/01/2009 1330

Analysis Batch: 640-60376
Prep Batch: 640-60341
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 1I01L012.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0027	U	0.0027	0.020
Ethylene Dibromide	0.0044	U	0.0044	0.020

Surrogate	% Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	110	56 - 144

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-60341

Method: 8011
Preparation: 8011

LCS Lab Sample ID: LCS 640-60341/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1812
Date Prepared: 09/01/2009 1330

Analysis Batch: 640-60376
Prep Batch: 640-60341
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 1I01L013.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 640-60341/13-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1913
Date Prepared: 09/01/2009 1330

Analysis Batch: 640-60376
Prep Batch: 640-60341
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 1I01L014.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	106	103	89 - 132	3	11		
Ethylene Dibromide	96	92	85 - 118	4	12		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	103	98	56 - 144

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-60341

Method: 8011
Preparation: 8011

MS Lab Sample ID:	660-31278-J-1-A MS	Analysis Batch: 640-60376	Instrument ID: SGL HP6890
Client Matrix:	Water	Prep Batch: 640-60341	Lab File ID: 1I01L015.D
Dilution:	1.0		Initial Weight/Volume: 17.5 mL
Date Analyzed:	09/01/2009 1926		Final Weight/Volume: 2.0 mL
Date Prepared:	09/01/2009 1330		Injection Volume: 2 uL
			Column ID: PRIMARY
MSD Lab Sample ID:	660-31278-J-1-B MSD	Analysis Batch: 640-60376	Instrument ID: SGL HP6890
Client Matrix:	Water	Prep Batch: 640-60341	Lab File ID: 1I01L016.D
Dilution:	1.0		Initial Weight/Volume: 17.5 mL
Date Analyzed:	09/01/2009 1940		Final Weight/Volume: 2.0 mL
Date Prepared:	09/01/2009 1330		Injection Volume: 2 uL
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2-Dibromo-3-Chloropropane	108	105	89 - 132	3	11		
Ethylene Dibromide	94	93	85 - 118	1	12		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	100	100	56 - 144

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 660-83777

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 660-83777/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1006
Date Prepared: 08/26/2009 0657

Analysis Batch: 660-83859
Prep Batch: 660-83777
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9H27A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-83777

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 660-83777/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1006
Date Prepared: 08/26/2009 0657

Analysis Batch: 660-83859
Prep Batch: 660-83777
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9H27A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Antimony	4.0	U	4.0	20
Arsenic	4.0	U	4.0	10
Barium	2.0	U	2.0	10
Beryllium	0.50	U	0.50	2.0
Cadmium	1.0	U	1.0	4.0
Chromium	2.0	U	2.0	10
Cobalt	2.0	U	2.0	10
Copper	2.9	U	2.9	10
Iron	50	U	50	200
Lead	2.0	U	2.0	10
Nickel	2.0	U	2.0	8.0
Selenium	5.0	U	5.0	20
Silver	1.0	U	1.0	4.0
Thallium	5.0	U	5.0	20
Vanadium	2.5	U	2.5	10
Zinc	5.0	U	5.0	20

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Lab Control Sample - Batch: 660-83777

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-83777/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1012
Date Prepared: 08/26/2009 0657

Analysis Batch: 660-83859
Prep Batch: 660-83777
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9H27A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	10.5	105	75 - 125	

Lab Control Sample - Batch: 660-83777

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-83777/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1012
Date Prepared: 08/26/2009 0657

Analysis Batch: 660-83859
Prep Batch: 660-83777
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9H27A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	1000	973	97	75 - 125	
Arsenic	1000	1020	102	75 - 125	
Barium	1000	975	98	75 - 125	
Beryllium	1000	1040	104	75 - 125	
Cadmium	1000	1060	106	75 - 125	
Chromium	990	1010	102	75 - 125	
Cobalt	1000	999	100	75 - 125	
Copper	1000	1010	101	75 - 125	
Iron	1000	1070	107	75 - 125	
Lead	1000	1060	106	75 - 125	
Nickel	1000	1040	104	75 - 125	
Selenium	1000	971	97	75 - 125	
Silver	1000	988	99	75 - 125	
Thallium	1000	1020	102	75 - 125	
Vanadium	1000	1040	104	75 - 125	
Zinc	1000	1070	107	75 - 125	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83777

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	660-31218-3	Analysis Batch: 660-83859	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-83777	Lab File ID: 9H27A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/27/2009 1030		Final Weight/Volume: 50 mL
Date Prepared:	08/26/2009 0657		

MSD Lab Sample ID:	660-31218-3	Analysis Batch: 660-83859	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-83777	Lab File ID: 9H27A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/27/2009 1036		Final Weight/Volume: 50 mL
Date Prepared:	08/26/2009 0657		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sodium	108	104	75 - 125	1	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83777

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	660-31218-3	Analysis Batch: 660-83859	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-83777	Lab File ID: 9H27A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/27/2009 1030		Final Weight/Volume: 50 mL
Date Prepared:	08/26/2009 0657		

MSD Lab Sample ID:	660-31218-3	Analysis Batch: 660-83859	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-83777	Lab File ID: 9H27A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/27/2009 1036		Final Weight/Volume: 50 mL
Date Prepared:	08/26/2009 0657		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	98	97	75 - 125	1	20		
Arsenic	102	101	75 - 125	1	20		
Barium	99	99	75 - 125	1	20		
Beryllium	104	102	75 - 125	1	20		
Cadmium	103	102	75 - 125	1	20		
Chromium	101	99	75 - 125	1	20		
Cobalt	98	96	75 - 125	2	20		
Copper	102	102	75 - 125	1	20		
Iron	105	101	75 - 125	4	20		
Lead	103	101	75 - 125	2	20		
Nickel	102	100	75 - 125	1	20		
Selenium	97	96	75 - 125	1	20		
Silver	99	98	75 - 125	1	20		
Thallium	101	100	75 - 125	1	20		
Vanadium	103	102	75 - 125	1	20		
Zinc	102	101	75 - 125	2	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 660-83795

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 660-83795/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1401
Date Prepared: 08/26/2009 1249

Analysis Batch: 660-83806
Prep Batch: 660-83795
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Mercury	0.072	U	0.072	0.20

Lab Control Sample - Batch: 660-83795

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 660-83795/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1403
Date Prepared: 08/26/2009 1249

Analysis Batch: 660-83806
Prep Batch: 660-83795
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.948	95	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-83795

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 660-31218-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1410
Date Prepared: 08/26/2009 1249

Analysis Batch: 660-83806
Prep Batch: 660-83795

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

MSD Lab Sample ID: 660-31218-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1412
Date Prepared: 08/26/2009 1249

Analysis Batch: 660-83806
Prep Batch: 660-83795

Instrument ID: Hg Analyzer
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
Mercury	98	102	80 - 120	4	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 660-84174

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-84174/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1933
Date Prepared: N/A

Analysis Batch: 660-84174
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-84174

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-84174/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 2006
Date Prepared: N/A

Analysis Batch: 660-84174
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.85	99	90 - 110	

Matrix Spike - Batch: 660-84174

Method: 300.0
Preparation: N/A

Lab Sample ID: 660-31190-I-3 MS
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 09/01/2009 2111
Date Prepared: N/A

Analysis Batch: 660-84174
Prep Batch: N/A
Units: mg/L

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

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	29	10.0	38.2	96	90 - 110	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 660-83802

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-83802/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1209
Date Prepared: N/A

Analysis Batch: 660-83802
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

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

Lab Control Sample - Batch: 660-83802

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-83802/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1210
Date Prepared: N/A

Analysis Batch: 660-83802
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.474	95	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83802

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-31218-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1229
Date Prepared: N/A

Analysis Batch: 660-83802
Prep Batch: N/A

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

MSD Lab Sample ID: 660-31218-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1230
Date Prepared: N/A

Analysis Batch: 660-83802
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
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)	81	83	90 - 110	2	30	J3	J3

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 660-83842

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-83842/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 0908
Date Prepared: N/A

Analysis Batch: 660-83842
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	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: 660-83842

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-83842/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 0908
Date Prepared: N/A

Analysis Batch: 660-83842
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.954	95	90 - 110	
Nitrite as N	1.00	1.02	102	90 - 110	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83842

Method: 353.2
Preparation: N/A

MS Lab Sample ID:	660-31218-1	Analysis Batch: 660-83842	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/26/2009 0908		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-31218-1	Analysis Batch: 660-83842	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/26/2009 0908		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	115	107	90 - 110	7	30	J3	
Nitrite as N	120	113	90 - 110	6	30	J3	J3

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 640-60319

Method: SM 2540C
Preparation: N/A

Lab Sample ID: MB 640-60319/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0928
Date Prepared: N/A

Analysis Batch: 640-60319
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

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

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-60319

Method: SM 2540C
Preparation: N/A

LCS Lab Sample ID: LCS 640-60319/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0928
Date Prepared: N/A

Analysis Batch: 640-60319
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 200 mL

LCSD Lab Sample ID: LCSD 640-60319/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0928
Date Prepared: N/A

Analysis Batch: 640-60319
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 200 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Dissolved Solids	93	97	80 - 120	NaN	25		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Duplicate - Batch: 640-60319

Method: SM 2540C
Preparation: N/A

Lab Sample ID: 660-31248-C-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0928
Date Prepared: N/A

Analysis Batch: 640-60319
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	17	16.0	NC	25	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 640-60318

Method: SM 2540D
Preparation: N/A

Lab Sample ID: MB 640-60318/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0922
Date Prepared: N/A

Analysis Batch: 640-60318
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 200 mL

Analyte	Result	Qual	MDL	PQL
Total Suspended Solids	0.48	U	0.48	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-60318

Method: SM 2540D
Preparation: N/A

LCS Lab Sample ID: LCS 640-60318/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0922
Date Prepared: N/A

Analysis Batch: 640-60318
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

LCSD Lab Sample ID: LCSD 640-60318/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0922
Date Prepared: N/A

Analysis Batch: 640-60318
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Suspended Solids	96	96	80 - 120	NaN	25		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Duplicate - Batch: 640-60318

Method: SM 2540D
Preparation: N/A

Lab Sample ID: 660-31248-C-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0923
Date Prepared: N/A

Analysis Batch: 640-60318
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 900 mL
Final Weight/Volume: 200 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	0.53	0.53	NC	25	U

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 640-60417

Method: SM 5310C
Preparation: N/A

Lab Sample ID: MB 640-60417/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 1559
Date Prepared: N/A

Analysis Batch: 640-60417
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	PQL
Total Organic Carbon	0.10	U	0.10	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-60417

Method: SM 5310C
Preparation: N/A

LCS Lab Sample ID: LCS 640-60417/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 1616
Date Prepared: N/A

Analysis Batch: 640-60417
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 640-60417/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 1633
Date Prepared: N/A

Analysis Batch: 640-60417
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon	108	108	80 - 120	0	25		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-60417

Method: SM 5310C
Preparation: N/A

MS Lab Sample ID:	660-31216-G-4 MS	Analysis Batch: 640-60417	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	40		Initial Weight/Volume: 40 mL
Date Analyzed:	09/02/2009 1933		Final Weight/Volume: 40 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-31216-G-4 MSD	Analysis Batch: 640-60417	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	40		Initial Weight/Volume: 40 mL
Date Analyzed:	09/02/2009 1949		Final Weight/Volume: 40 mL
Date Prepared:	N/A		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Organic Carbon	109	108	80 - 120	0	25		

Duplicate - Batch: 640-60417

Method: SM 5310C
Preparation: N/A

Lab Sample ID:	660-31216-G-4 DU	Analysis Batch: 640-60417	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	40	Units: mg/L	Initial Weight/Volume: 40 mL
Date Analyzed:	09/02/2009 1916		Final Weight/Volume: 40 mL
Date Prepared:	N/A		

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Organic Carbon	78	75.8	3	25	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Method Blank - Batch: 640-60449

Method: SM 5310C
Preparation: N/A

Lab Sample ID: MB 640-60449/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1833
Date Prepared: N/A

Analysis Batch: 640-60449
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	PQL
Total Organic Carbon	0.10	U	0.10	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-60449

Method: SM 5310C
Preparation: N/A

LCS Lab Sample ID: LCS 640-60449/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1850
Date Prepared: N/A

Analysis Batch: 640-60449
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 640-60449/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1908
Date Prepared: N/A

Analysis Batch: 640-60449
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon	105	104	80 - 120	1	25		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-60449

Method: SM 5310C
Preparation: N/A

MS Lab Sample ID:	660-31319-H-1 MS	Analysis Batch: 640-60449	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	09/03/2009 2007		Final Weight/Volume: 40 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-31319-H-1 MSD	Analysis Batch: 640-60449	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	09/03/2009 2023		Final Weight/Volume: 40 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Organic Carbon	114	113	80 - 120	0	25		

Duplicate - Batch: 640-60449

Method: SM 5310C
Preparation: N/A

Lab Sample ID:	660-31319-H-2 DU	Analysis Batch: 640-60449	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0	Units: mg/L	Initial Weight/Volume: 40 mL
Date Analyzed:	09/03/2009 2049		Final Weight/Volume: 40 mL
Date Prepared:	N/A		

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Total Organic Carbon	0.12	I	0.10	NC	25	U

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

DOH Certification #E84025
DEP COMPQAP # 870251

KNL LABORATORY SERVICES

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Tampa, Florida 33601
(813) 229-2879
Fax (813) 229-0002

Report Date: September 4, 2009

TestAmerica Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody: Client
Client/Field ID: 660-31218-1
Weeks

Sample Collection: 8-24-09/1145

Lab ID No: 09.7142
Lab Custody Date: 8-25-09/1205
Sample description: Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	16.4 ± 2.2	09-02-09/0800	EPA 900.0	1.3
Combined Radium (Radium-226 + Radium 228)	pCi/l	13.3 ± 1.6	Calc	Calc	1.0
Radium-226	pCi/l	12.5 ± 1.6	08-28-09/1300	EPA 903.0	0.6
Radium-228	pCi/l	0.8 ± 0.8	09-04-09/0910	EPA Ra-05	1.0

James W. Hayes
Laboratory Manager

Test results meet all requirements of NELAC standards. Test results refer only to sample(s) listed. Contact person: Jim Hayes (813) 229-2879.

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Fax (813) 229-0002

Report Date: September 4, 2009

TestAmerica Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody: Client
Client/Field ID: 660-31218-2 Eq Blk

Sample Collection: 8-24-09/1125

Lab ID No: 09.7143
Lab Custody Date: 8-25-09/1205
Sample description: Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results			Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	0.2	±	0.5	09-02-09/0800	EPA 900.0	0.8
Combined Radium (Radium-226 + Radium 228)	pCi/l	0.4	±	0.8	Calc	Calc	1.0
Radium-226	pCi/l	0.4	±	0.5	08-28-09/1300	EPA 903.0	0.6
Radium-228	pCi/l	0.0	±	0.8	09-04-09/0910	EPA Ra-05	1.0

James W. Hayes
Laboratory Manager

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Report Date: September 4, 2009

TestAmerica Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody: Client
Client/Field ID: 660-31218-3
Barnes

Sample Collection: 8-24-09/1303

Lab ID No: 09.7144
Lab Custody Date: 8-25-09/1205
Sample description: Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results			Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	3.1	±	1.3	09-02-09/0800	EPA 900.0	0.9
Combined Radium (Radium-226 + Radium 228)	pCi/l	3.9	±	0.9	Calc	Calc	1.0
Radium-226	pCi/l	3.8	±	0.9	08-28-09/1300	EPA 903.0	0.6
Radium-228	pCi/l	0.1	±	0.7	09-04-09/0910	EPA Ra-05	1.0

James W. Hayes
Laboratory Manager

Test results meet all requirements of NELAC standards. Test results refer only to sample(s) listed. Contact person: Jim Hayes (813) 229-2879.

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Fax (813) 229-0002

Report Date: September 4, 2009

TestAmerica Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody: Client
Client/Field ID: 660-31218-4 Holland

Sample Collection: 8-24-09/1229

Lab ID No: 09.7145
Lab Custody Date: 8-25-09/1205
Sample description: Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results			Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	2.5	±	0.9	09-02-09/0800	EPA 900.0	0.9
Combined Radium (Radium-226 + Radium 228)	pCi/l	2.7	±	0.9	Calc	Calc	1.0
Radium-226	pCi/l	2.5	±	0.9	09-03-09/0935	EPA 903.0	0.7
Radium-228	pCi/l	0.2	±	0.7	09-04-09/0910	EPA Ra-05	1.0

James W. Hayes
Laboratory Manager

Test results meet all requirements of NELAC standards. Test results refer only to sample(s) listed. Contact person: Jim Hayes (813) 229-2879.

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KNL

Serial Number 09469

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

09/29/2009

PROJECT REFERENCE	PROJECT NO. 660-31219	PROJECT LOCATION (STATE) FL
SAMPLER'S SIGNATURE	P.O. NUMBER 660-31218	CONTRACT NO.
CLIENT (SITE) PM Nancy Koberton	CLIENT PHONE	CLIENT FAX
CLIENT NAME Test America	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (If applicable)		

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE | AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS: Diesel alpha | Rad 226 | Rad 228 | PRESERVATIVE: HNO3 | HCl

PAGE | OF

STANDARD REPORT DELIVERY ○
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
8/27/09	1145	Wells		X				1 1 1	
	1125	Eg Blk		X				1 1 1	
	1303	Thomas		X				1 1 1	
	1279	Holland		X				1 1 1	

09-7142-45

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				8-25-09	1205			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Rainy KNL	8-25-09	1205			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT: YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG-IN	COOLER TEMPERATURE ON RECEIPT	LABORATORY REMARKS

TAL 8240-660 (1207)

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

660-31218

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: [signature] REP. OF CONTRACT LAB. 8/6/09 | 1700

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 8-7-08 2:00

LOCATION: WEEKS SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☒ A.Balloon ☐ D.Pannell

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 8-24-08 TIME 11:20

ACTUAL PURGE TIME: 25 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	11:35	24.28	552	7.57	0.95	2.3
AB	11:40	24.29	553	7.56	0.93	2.0
AB	11:45	24.29	553	7.54	0.92	2.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
3	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS	1	250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
2	LITER PLASTIC	3	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

14 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED

DATE | TIME

8-24-08 11:45

ANALYSIS REQUESTED:

ANTIMONY AMMONIA-N ARSENIC BARIUM BERILLIUM CADMIUM
CHLORIDES CHROMIUM COBALT COPPER GROSS ALPHA IRON
LEAD MERCURY NICKEL NITRATE NITROGEN
RADIUM-226 & 228 SELENIUM SILVER SODIUM TDS
THALLIUM TOC TSS VANADIUM ZINC
Parameters LISTED IN 40 CFR PART 258, APPENDIX I-8260/8011

PRESERVED SAMPLES PH < 2.0 yes SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME

RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 8-24-08 4:00

ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 8-25-08 4:00

COMMENT'S: MW#0020

2.3, 2.5°C CU07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRIVATE WELLS EQUIPMENT BLANK

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: [signature] REP. OF CONTRACT LAB. 8/6/09 | 1200

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 8-7-09 2:00

LOCATION: EQUIPMENT BLANK SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☑ A.Balloon ☑ D.Pannell

FIELD PARAMETERS:

N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS	1	250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
2	LITER PLASTIC	3	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

14 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-24-09 | 11:25

ANALYSIS REQUESTED:

ANTIMONY	AMMONIA-N	ARSENIC	BARIUM	BERILLIUM	CADMIUM
CHLORIDES	CHROMIUM	COBALT	COPPER	GROSS - ALPHA	IRON
LEAD	MERCURY	NICKEL	NITRATE - NITROGEN		
RADIUM-226 & 228		SELENIUM	SILVER	SODIUM	TDS
THALLIUM	TOC	TSS	VANADIUM	ZINC	

Parameters LISTED IN 40 CFR PART 258, APPENDIX I-8260/8011

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME

RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 8-24-09 4:00

ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 8-24-09 4:50

COMMENT`S: W2#0020

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THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/6/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-7-09 | 2:00

LOCATION: BARNES SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☒ D.Pannell

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 8-24-09 TIME 1:03

ACTUAL PURGE TIME: 25 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	12:53	25.61	380	7.48	4.33	7.7
AB	12:58	25.60	380	7.49	4.31	8.1
AB	1:03	25.60	381	7.50	4.29	7.4

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS	1	250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
2	LITER PLASTIC	3	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

14 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-24-09 | 1:03

ANALYSIS REQUESTED:

ANTIMONY AMMONIA-N ARSENIC BARIUM BERILLIUM CADMIUM
CHLORIDES CHROMIUM COBALT COPPER GROSS - ALPHA IRON
LEAD MERCURY NICKEL NITRATE - NITROGEN
RADIUM-226 & 228 SELENIUM SILVER SODIUM TDS
THALLIUM TOC TSS VANADIUM ZINC
Parameters LISTED IN 40 CFR PART 258, APPENDIX I-8260/8011

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-24-09 4:00
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-24-09 4:00

COMMENTS: wo#00020

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THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/6/09 | 1PM

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-7-09 | 2:00

LOCATION: HOLLAND SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☒ D.Pannell

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 8-24-09 TIME 12:09
ACTUAL PURGE TIME: 29 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	12:09	24.18	389	7.49	0.17	1.0
AB	12:14	24.17	389	7.48	0.16	1.2
AB	12:29	24.17	389	7.45	0.14	1.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS	1	250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
2	LITER PLASTIC	3	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

14 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-24-09 | 12:29

ANALYSIS REQUESTED:

ANTIMONY, AMMONIA-N, ARSENIC, BARIUM, BERILLIUM, CADMIUM, CHLORIDES, CHROMIUM, COBALT, COPPER, GROSS ALPHA, IRON, LEAD, MERCURY, NICKEL, NITRATE NITROGEN, RADIUM-226 & 228, SELENIUM, SILVER, SODIUM, TDS, THALLIUM, TOC, TSS, VANADIUM, ZINC
Parameters LISTED IN 40 CFR PART 258, APPENDIX I-8260/8011

PRESERVED SAMPLES PH < 2.0 ____ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8.24.09 | 4:00
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-24-09 | 4:00

COMMENTS: WO# 0020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/6/09 | 1205

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-7-09 | 2000

LOCATION: TRAVEL BLANK SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION: ☐ A.Adger ☒ A.Balloon ☒ D.Pannell

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	8-6-09	1120

2 TOTAL No. OF SAMPLES COLLECTED:

ANALYSIS REQUESTED:

EPA 8260

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-6-09 4:00
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-7-09 4:00

COMMENT'S: WO#00020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 31218 Logged in TALS By : Carol McNulty

Cooler Received on (date) 8/24/09 And Opened By (full name): Carol McNulty

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

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 2.3, 2.5 *Degrees Celsius*

4. Number of H2SO4 (sulfuric acid) preserved containers: 8

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

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

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

6. Number of HNO3 (nitric acid) preserved containers: 16

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

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

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

8. Number of Unpreserved containers: 8

   All containers pH between 6 and 8? no If not please comment below:

   Eq Blk all ph=5

9. Was chlorine present in any of the unpreserved containers? _____

   If yes, which samples? _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31218-1

Login Number: 31218
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	True	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	2.3, 2.5 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	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31218-1

Login Number: 31218
Creator: Alsheimer, Carl
List Number: 1

List Source: TestAmerica Tallahassee
List Creation: 08/26/09 10:51 AM

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 914

WACS Testsite Name: Weeks

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 11:45:00AM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001077	Silver	N	E84282	6010B	8/27/2009 10:48:00AM	1	1	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 4:29:00AM	0.14	0.14	ug/L	U
001051	Lead	N	E84282	6010B	8/27/2009 10:48:00AM	14	2	ug/L	
077596	Dibromomethane	N	E84282	8260B	8/26/2009 4:29:00AM	0.41	0.41	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 4:29:00AM	0.18	0.18	ug/L	U
001092	Zinc	N	E84282	6010B	8/27/2009 10:48:00AM	240	5	ug/L	
001501	Gross Alpha	N	E84282	900	9/2/2009 8:00:00AM	16.4	1.3	pCi/L	
001087	Vanadium	N	E84282	6010B	8/27/2009 10:48:00AM	2.5	2.5	ug/L	U
011501	Radium-228	N	E84282	Ra-05	9/4/2009 9:10:00AM	0.8	1	pCi/L	
000929	Sodium	N	E84282	6010B	8/27/2009 10:48:00AM	8.4	0.31	mg/L	
077128	Styrene	N	E84282	8260B	8/26/2009 4:29:00AM	0.98	0.98	ug/L	U
001067	Nickel	N	E84282	6010B	8/27/2009 10:48:00AM	2	2	ug/L	U
001045	Iron	N	E84282	6010B	8/27/2009 10:48:00AM	740	50	ug/L	
001042	Copper	N	E84282	6010B	8/27/2009 10:48:00AM	2.9	2.9	ug/L	U
001037	Cobalt	N	E84282	6010B	8/27/2009 10:48:00AM	2	2	ug/L	U
001034	Chromium	N	E84282	6010B	8/27/2009 10:48:00AM	2	2	ug/L	U
001027	Cadmium	N	E84282	6010B	8/27/2009 10:48:00AM	1	1	ug/L	U
000680	Total Organic Carbon	N	E81005	SM 5310C	9/2/2009 4:49:00PM	2.6	0.1	mg/L	
001059	Thallium	N	E84282	6010B	8/27/2009 10:48:00AM	5	5	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.1	0.1	mg/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 4:29:00AM	0.51	0.51	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 4:29:00AM	2.5	2.5	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	9/26/2009 12:23:00PM	0.2	0.01	mg/L	
000940	Chloride	N	E84282	300	9/2/2009 3:06:00AM	40	0.2	mg/L	
000530	Total Suspended Solids	N	E81005	SM 2540D	9/1/2009 9:23:00AM	3.6	0.56	mg/L	Q
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	320	10	mg/L	Q
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 4:29:00AM	0.5	0.5	ug/L	U
071900	Mercury	N	E84282	7470A	8/26/2009 2:08:00PM	0.072	0.072	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 4:29:00AM	1.5	1.5	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 4:29:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 4:29:00AM	0.5	0.5	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 4:29:00AM	2.5	2.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 4:29:00AM	4	4	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 4:29:00AM	0.44	0.44	ug/L	U
001097	Antimony	N	E84282	6010B	8/27/2009 10:48:00AM	4	4	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 4:29:00AM	0.5	0.5	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 4:29:00AM	0.44	0.44	ug/L	U
001007	Barium	N	E84282	6010B	8/27/2009 10:48:00AM	5.2	2	ug/L	I
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 4:29:00AM	0.5	0.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 4:29:00AM	1.2	1.2	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 4:29:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 4:29:00AM	0.65	0.65	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 4:29:00AM	0.46	0.46	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 4:29:00AM	4.4	4.4	ug/L	U

Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 9/15/2009

Form Produced by FDEP Validator software 09/29/2009

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 914
WACS Testsite Name: Weeks
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 11:45:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032106	Chloroform	N	E84282	8260B	8/26/2009 4:29:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 4:29:00AM	2.5	2.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 4:29:00AM	0.42	0.42	ug/L	U
001012	Beryllium	N	E84282	6010B	8/27/2009 10:48:00AM	0.5	0.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 4:29:00AM	2.5	2.5	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 4:29:00AM	0.57	0.57	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 4:29:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 4:29:00AM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 4:29:00AM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 4:29:00AM	0.5	0.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 4:29:00AM	0.63	0.63	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 4:29:00AM	9.9	9.9	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 4:29:00AM	3.8	3.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 4:29:00AM	1	1	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 4:29:00AM	8.4	8.4	ug/L	U
001147	Selenium	N	E84282	6010B	8/27/2009 10:48:00AM	5	5	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 9:29:00PM	0.0025	0.0025	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 4:29:00AM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 4:29:00AM	0.52	0.52	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 4:29:00AM	0.44	0.44	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 4:29:00AM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 4:29:00AM	0.52	0.52	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 4:29:00AM	0.85	0.85	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 4:29:00AM	0.15	0.15	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 4:29:00AM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 9:29:00PM	0.0041	0.0041	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 4:29:00AM	0.47	0.47	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/24/2009 11:45:00AM	2.1		NTU	
000094	Specific Conductance	N	E84282	DEP-SOP	8/24/2009 11:45:00AM	553		umhos/cm	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/24/2009 11:45:00AM	0.92		mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	8/24/2009 11:45:00AM	24.29		Degrees C	
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 4:29:00AM	0.34	0.34	ug/L	U
009501	Radium-226	N	E84282	903	8/28/2009 1:00:00PM	12.5	0.6	pCi/L	
000406	Field pH	N	E84282	DEP-SOP	8/24/2009 11:45:00AM	7.54		SU	
001002	Arsenic	N	E84282	6010B	8/27/2009 10:48:00AM	4.7	4	ug/L	I

Total Parameters Monitored: 79

Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #:

WACS Testsite Name: Equipment Blank

Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/24/2009 11:25:00AM

Sampling Method:

Permitted Well Type:

(AS) Assessment (BG) Background (CO) Compliance (DE) Detection (DG) Downgradient (IM) Intermediate (IW) Irrigation Well (OT) Other (PZ) Piezometer (SO) Source (UP) Upgradient (WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077596	Dibromomethane	N	E84282	8260B	8/26/2009 2:57:00AM	0.41	0.41	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 2:57:00AM	0.5	0.5	ug/L	U
001034	Chromium	N	E84282	6010B	8/27/2009 10:54:00AM	2	2	ug/L	U
001027	Cadmium	N	E84282	6010B	8/27/2009 10:54:00AM	1	1	ug/L	U
001012	Beryllium	N	E84282	6010B	8/27/2009 10:54:00AM	0.5	0.5	ug/L	U
001007	Barium	N	E84282	6010B	8/27/2009 10:54:00AM	2	2	ug/L	U
001037	Cobalt	N	E84282	6010B	8/27/2009 10:54:00AM	2	2	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 2:57:00AM	0.65	0.65	ug/L	U
000940	Chloride	N	E84282	300	9/2/2009 3:41:00AM	0.2	0.2	mg/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 2:57:00AM	1.5	1.5	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 2:57:00AM	0.44	0.44	ug/L	U
011501	Radium-228	N	E84282	Ra-05	9/4/2009 9:10:00AM	0	1	pCi/L	
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 2:57:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 2:57:00AM	0.14	0.14	ug/L	U
001002	Arsenic	N	E84282	6010B	8/27/2009 10:54:00AM	4	4	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 2:57:00AM	0.45	0.45	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 2:57:00AM	0.68	0.68	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 2:57:00AM	0.5	0.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 2:57:00AM	1.2	1.2	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 2:57:00AM	9.9	9.9	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 2:57:00AM	0.5	0.5	ug/L	U
001087	Vanadium	N	E84282	6010B	8/27/2009 10:54:00AM	2.5	2.5	ug/L	U
009601	Radium-226	N	E84282	903	8/28/2009 1:00:00PM	0.4	0.6	pCi/L	
034413	Bromomethane	N	E84282	8260B	8/26/2009 2:57:00AM	2.5	2.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 2:57:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 2:57:00AM	0.42	0.42	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 2:57:00AM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 2:57:00AM	2.5	2.5	ug/L	U
001501	Gross Alpha	N	E84282	900	9/2/2009 8:00:00AM	0.2	0.8	pCi/L	
032106	Chloroform	N	E84282	8260B	8/26/2009 2:57:00AM	0.9	0.9	ug/L	U
001042	Copper	N	E84282	6010B	8/27/2009 10:54:00AM	2.9	2.9	ug/L	U
001092	Zinc	N	E84282	6010B	8/27/2009 10:54:00AM	5	5	ug/L	U
001147	Selenium	N	E84282	6010B	8/27/2009 10:54:00AM	5	5	ug/L	U
001059	Thallium	N	E84282	6010B	8/27/2009 10:54:00AM	5	5	ug/L	U
001077	Silver	N	E84282	6010B	8/27/2009 10:54:00AM	1	1	ug/L	U
001051	Lead	N	E84282	6010B	8/27/2009 10:54:00AM	2	2	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 2:57:00AM	1	1	ug/L	U
001045	Iron	N	E84282	6010B	8/27/2009 10:54:00AM	50	50	ug/L	U
001067	Nickel	N	E84282	6010B	8/27/2009 10:54:00AM	2	2	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.1	0.1	mg/L	U
000610	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:24:00PM	0.15	0.01	mg/L	
071900	Mercury	N	E84282	7470A	8/26/2009 2:15:00PM	0.072	0.072	ug/L	U
077128	Styrene	N	E84282	8260B	8/26/2009 2:57:00AM	0.98	0.98	ug/L	U
000530	Total Suspended Solids	N	E81005	SM 2540D	9/1/2009 9:24:00AM	0.53	0.53	mg/L	QU

Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Equipment Blank
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): N

Sample Date/Time: 8/24/2009 11:25:00AM
Sampling Method: Grab
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000680	Total Organic Carbon	N	E81005	SM 5310C	9/2/2009 5:02:00PM	0.1	0.1	mg/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 2:57:00AM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 2:57:00AM	0.51	0.51	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 2:57:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 2:57:00AM	0.5	0.5	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	5	5	mg/L	QU
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 2:57:00AM	0.44	0.44	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 2:57:00AM	8.4	8.4	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 2:57:00AM	4	4	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 2:57:00AM	2.5	2.5	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 2:57:00AM	0.58	0.58	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 2:57:00AM	0.14	0.14	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 2:57:00AM	4.4	4.4	ug/L	U
001097	Antimony	N	E84282	6010B	8/27/2009 10:54:00AM	4	4	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 2:57:00AM	2.5	2.5	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 2:57:00AM	3.8	3.8	ug/L	U
000929	Sodium	N	E84282	6010B	8/27/2009 10:54:00AM	0.57	0.31	mg/L	
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 2:57:00AM	0.5	0.5	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 2:57:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 2:57:00AM	0.57	0.57	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 2:57:00AM	0.18	0.18	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 2:57:00AM	0.52	0.52	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 2:57:00AM	0.52	0.52	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 9:42:00PM	0.0025	0.0025	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 2:57:00AM	0.47	0.47	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 2:57:00AM	0.15	0.15	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 2:57:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 2:57:00AM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 9:42:00PM	0.0041	0.0041	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 2:57:00AM	0.35	0.35	ug/L	U

Total Parameters Monitored: 74

Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 881

WACS Testsite Name: Barnes

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 1:03:00PM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 4:51:00AM	1.5	1.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 4:51:00AM	4	4	ug/L	U
077128	Styrene	N	E84282	8260B	8/26/2009 4:51:00AM	0.98	0.98	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 4:51:00AM	2.5	2.5	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 4:51:00AM	0.51	0.51	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 4:51:00AM	0.14	0.14	ug/L	U
001147	Selenium	N	E84282	6010B	8/27/2009 10:24:00AM	5	5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 4:51:00AM	0.44	0.44	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 4:51:00AM	0.5	0.5	ug/L	U
000408	Field pH	N	E84282	DEP-SOP	8/24/2009 1:03:00PM	7.5		SU	
011501	Radium-228	N	E84282	Ra-05	9/4/2009 9:10:00AM	0.1	1	pCi/L	
009501	Radium-226	N	E84282	903	8/28/2009 1:00:00PM	3.8	0.6	pCi/L	
001501	Gross Alpha	N	E84282	900	9/2/2009 8:00:00AM	3.1	0.9	pCi/L	
071900	Mercury	N	E84282	7470A	8/26/2009 2:17:00PM	0.072	0.072	ug/L	U
001087	Vanadium	N	E84282	6010B	8/27/2009 10:24:00AM	2.5	2.5	ug/L	U
001059	Thallium	N	E84282	6010B	8/27/2009 10:24:00AM	5	5	ug/L	U
001027	Cadmium	N	E84282	6010B	8/27/2009 10:24:00AM	1	1	ug/L	U
001037	Cobalt	N	E84282	6010B	8/27/2009 10:24:00AM	2	2	ug/L	U
001097	Antimony	N	E84282	6010B	8/27/2009 10:24:00AM	4	4	ug/L	U
001092	Zinc	N	E84282	6010B	8/27/2009 10:24:00AM	120	5	ug/L	
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 4:51:00AM	0.57	0.57	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 4:51:00AM	2.5	2.5	ug/L	U
001077	Silver	N	E84282	6010B	8/27/2009 10:24:00AM	1	1	ug/L	U
001045	Iron	N	E84282	6010B	8/27/2009 10:24:00AM	50	50	ug/L	U
001042	Copper	N	E84282	6010B	8/27/2009 10:24:00AM	2.9	2.9	ug/L	U
001034	Chromium	N	E84282	6010B	8/27/2009 10:24:00AM	2	2	ug/L	U
000929	Sodium	N	E84282	6010B	8/27/2009 10:24:00AM	16	0.31	mg/L	
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 4:51:00AM	0.63	0.63	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 4:51:00AM	8.4	8.4	ug/L	U
001002	Arsenic	N	E84282	6010B	8/27/2009 10:24:00AM	4	4	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 4:51:00AM	0.52	0.52	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 4:51:00AM	2.5	2.5	ug/L	U
000680	Total Organic Carbon	N	E81005	SM 5310C	9/3/2009 11:42:00PM	2.2	0.1	mg/L	
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.12	0.1	mg/L	I
000810	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:28:00PM	0.26	0.01	mg/L	J
000940	Chloride	N	E84282	300	9/2/2009 4:13:00AM	8.5	0.2	mg/L	
000530	Total Suspended Solids	N	E81005	SM 2540D	9/1/2009 9:24:00AM	0.56	0.56	mg/L	QU
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	220	5	mg/L	Q
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 4:51:00AM	0.44	0.44	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 4:51:00AM	0.5	0.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 4:51:00AM	0.52	0.52	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 4:51:00AM	9.9	9.9	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 4:51:00AM	0.47	0.47	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 4:51:00AM	0.34	0.34	ug/L	U

Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 881
WACS Testsite Name: Barnes
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 1:03:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 4:51:00AM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 4:51:00AM	1	1	ug/L	U
032106	Chloroform	N	E84282	8260B	8/26/2009 4:51:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 4:51:00AM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 4:51:00AM	0.63	0.63	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/26/2009 4:51:00AM	0.41	0.41	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 4:51:00AM	0.85	0.85	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 4:51:00AM	0.58	0.58	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 4:51:00AM	3.8	3.8	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 4:51:00AM	1.2	1.2	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 4:51:00AM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 4:51:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 4:51:00AM	0.35	0.35	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 4:51:00AM	2.5	2.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 4:51:00AM	0.5	0.5	ug/L	U
001007	Barium	N	E84282	6010B	8/27/2009 10:24:00AM	5	2	ug/L	I
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 4:51:00AM	0.42	0.42	ug/L	U
001067	Nickel	N	E84282	6010B	8/27/2009 10:24:00AM	2	2	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 4:51:00AM	0.14	0.14	ug/L	U
001051	Lead	N	E84282	6010B	8/27/2009 10:24:00AM	2.2	2	ug/L	I
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 4:51:00AM	0.18	0.18	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/24/2009 1:03:00PM	25.6		Degrees C	
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 4:51:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 4:51:00AM	4.4	4.4	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 4:51:00AM	0.46	0.46	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 4:51:00AM	0.45	0.45	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 9:56:00PM	0.0041	0.0041	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 4:51:00AM	0.5	0.5	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/24/2009 1:03:00PM	7.4		NTU	
000094	Specific Conductance	N	E84282	DEP-SOP	8/24/2009 1:03:00PM	381		umhos/cm	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/24/2009 1:03:00PM	4.29		mg/L	
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 4:51:00AM	0.44	0.44	ug/L	U
001012	Beryllium	N	E84282	6010B	8/27/2009 10:24:00AM	0.5	0.5	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 9:56:00PM	0.0025	0.0025	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 4:51:00AM	0.15	0.15	ug/L	U

Total Parameters Monitored: 79

Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 883
WACS Testsite Name: Holland
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 12:29:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001027	Cadmium	N	E84282	6010B	8/27/2009 11:01:00AM	1	1	ug/L	U
001034	Chromium	N	E84282	6010B	8/27/2009 11:01:00AM	2	2	ug/L	U
001037	Cobalt	N	E84282	6010B	8/27/2009 11:01:00AM	2	2	ug/L	U
001042	Copper	N	E84282	6010B	8/27/2009 11:01:00AM	2.9	2.9	ug/L	U
001051	Lead	N	E84282	6010B	8/27/2009 11:01:00AM	2	2	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 5:17:00AM	0.52	0.52	ug/L	U
001002	Arsenic	N	E84282	6010B	8/27/2009 11:01:00AM	4	4	ug/L	U
001046	Iron	N	E84282	6010B	8/27/2009 11:01:00AM	1600	50	ug/L	
001012	Beryllium	N	E84282	6010B	8/27/2009 11:01:00AM	0.5	0.5	ug/L	U
001007	Barium	N	E84282	6010B	8/27/2009 11:01:00AM	4.2	2	ug/L	I
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 5:17:00AM	0.45	0.45	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/24/2009 12:29:00PM	1.1		NTU	
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 5:17:00AM	0.44	0.44	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 5:17:00AM	0.46	0.46	ug/L	U
001147	Selenium	N	E84282	6010B	8/27/2009 11:01:00AM	5	5	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 5:17:00AM	0.57	0.57	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 5:17:00AM	0.47	0.47	ug/L	U
001077	Silver	N	E84282	6010B	8/27/2009 11:01:00AM	1	1	ug/L	U
001067	Nickel	N	E84282	6010B	8/27/2009 11:01:00AM	5.7	2	ug/L	I
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 5:17:00AM	4	4	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 5:17:00AM	2.5	2.5	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 5:17:00AM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 5:17:00AM	8.4	8.4	ug/L	U
001097	Antimony	N	E84282	6010B	8/27/2009 11:01:00AM	4	4	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 5:17:00AM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	8/26/2009 5:17:00AM	0.98	0.98	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 5:17:00AM	2.5	2.5	ug/L	U
011501	Radium-228	N	E84282	Ra-05	9/4/2009 9:10:00AM	0.2	1	pCi/L	
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 5:17:00AM	0.14	0.14	ug/L	U
009501	Radium-226	N	E84282	903	9/3/2009 9:35:00AM	2.6	0.7	pCi/L	
077596	Dibromomethane	N	E84282	8260B	8/26/2009 5:17:00AM	0.41	0.41	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 5:17:00AM	0.44	0.44	ug/L	U
001501	Gross Alpha	N	E84282	900	9/2/2009 8:00:00AM	2.5	0.9	pCi/L	
071900	Mercury	N	E84282	7470A	8/26/2009 2:24:00PM	0.068	0.072	ug/L	I
001092	Zinc	N	E84282	6010B	8/27/2009 11:01:00AM	30	5	ug/L	
001087	Vanadium	N	E84282	6010B	8/27/2009 11:01:00AM	2.5	2.5	ug/L	U
001059	Thallium	N	E84282	6010B	8/27/2009 11:01:00AM	5	5	ug/L	U
000929	Sodium	N	E84282	6010B	8/27/2009 11:01:00AM	5.2	0.31	mg/L	
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 5:17:00AM	0.44	0.44	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	220	5	mg/L	Q
081595	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 5:17:00AM	3.8	3.8	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 10:10:00PM	0.0026	0.0026	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 5:17:00AM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 5:17:00AM	0.58	0.58	ug/L	U

Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 9/15/2009
Page 1 of 2
Form Produced by FDEP Validator software

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THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 883
WACS Testsite Name: Holland
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 12:29:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 5:17:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 5:17:00AM	0.58	0.58	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 5:17:00AM	1.5	1.5	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.1	0.1	mg/L	U
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 5:17:00AM	0.5	0.5	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 5:17:00AM	9.9	9.9	ug/L	U
000530	Total Suspended Solids	N	E81005	SM 2540D	9/1/2009 9:24:00AM	3.8	0.53	mg/L	Q
000940	Chloride	N	E84282	300	9/2/2009 4:46:00AM	19	0.2	mg/L	
000610	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:31:00PM	0.12	0.01	mg/L	
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 5:17:00AM	2.5	2.5	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 5:17:00AM	0.51	0.51	ug/L	U
000680	Total Organic Carbon	N	E81005	SM 5310C	9/2/2009 5:28:00PM	1.2	0.1	mg/L	
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 5:17:00AM	0.18	0.18	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 5:17:00AM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 5:17:00AM	0.5	0.5	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 5:17:00AM	0.63	0.63	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 5:17:00AM	0.15	0.15	ug/L	U
000094	Specific Conductance	N	E84282	DEP-SOP	8/24/2009 12:29:00PM	389		umhos/cm	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/24/2009 12:29:00PM	0.14		mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	8/24/2009 12:29:00PM	24.17		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	8/24/2009 12:29:00PM	7.45		SU	
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 5:17:00AM	0.34	0.34	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 5:17:00AM	0.52	0.52	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 10:10:00PM	0.0042	0.0042	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 5:17:00AM	1.2	1.2	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 5:17:00AM	0.14	0.14	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 5:17:00AM	2.5	2.5	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 5:17:00AM	0.65	0.65	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 5:17:00AM	4.4	4.4	ug/L	U
032106	Chloroform	N	E84282	8260B	8/26/2009 5:17:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 5:17:00AM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 5:17:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 5:17:00AM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 5:17:00AM	0.85	0.85	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 5:17:00AM	1	1	ug/L	U

Total Parameters Monitored: 79

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #:
WACS Testsite Name: Trip Blank
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/24/2009 11:20:00AM
Sampling Method:
Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077103	2-Hexanone	N	E84282	8260B	8/26/2009 3:20:00AM	4.4	4.4	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 3:20:00AM	3.8	3.8	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 3:20:00AM	8.4	8.4	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 3:20:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 3:20:00AM	0.42	0.42	ug/L	U
077128	Styrene	N	E84282	8260B	8/26/2009 3:20:00AM	0.98	0.98	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 3:20:00AM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 3:20:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 3:20:00AM	1.5	1.5	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 3:20:00AM	0.61	0.61	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 3:20:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 3:20:00AM	0.5	0.5	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 3:20:00AM	2.5	2.5	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 3:20:00AM	9.9	9.9	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 3:20:00AM	0.85	0.85	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 3:20:00AM	1	1	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 3:20:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 3:20:00AM	0.65	0.65	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 3:20:00AM	2.5	2.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 3:20:00AM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 3:20:00AM	0.15	0.15	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 3:20:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 3:20:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 3:20:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 3:20:00AM	0.18	0.18	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 3:20:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 3:20:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 3:20:00AM	0.52	0.52	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 3:20:00AM	0.63	0.63	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 3:20:00AM	0.14	0.14	ug/L	U
032106	Chloroform	N	E84282	8260B	8/26/2009 3:20:00AM	0.9	0.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 3:20:00AM	1.2	1.2	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 3:20:00AM	0.34	0.34	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/26/2009 3:20:00AM	0.41	0.41	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 3:20:00AM	0.44	0.44	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 3:20:00AM	2.5	2.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 3:20:00AM	4	4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 3:20:00AM	0.52	0.52	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 3:20:00AM	0.5	0.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 3:20:00AM	2.5	2.5	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 3:20:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 3:20:00AM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 3:20:00AM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 3:20:00AM	0.5	0.5	ug/L	U

Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193

WACS Testsite ID #:

WACS Testsite Name: Trip Blank

Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/24/2009 11:20:00AM

Sampling Method:

Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 3:20:00AM	0.44	0.44	ug/L	U

Total Parameters Monitored: 45

Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 660-31233-1

Job Description: SELF Monitoring Program

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Attention: Mr. David S Adams

Approved for release.
Nancy Robertson
Project Manager II
9/15/2009 5:34 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
09/15/2009

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Tallahassee 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-J31233-1

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

GC/MS VOA
Method 8260B: The matrix spike (MS) recovery for batch 83873 was outside control limits for Iodomethane. The associated laboratory control sample (LCS) met acceptance criteria.

General Chemistry
Method 350.1: The matrix spike (MS) recovery for batch 83802 associated with sample TH-22A was outside control limits. The associated laboratory control sample (LCS) met acceptance criteria. The sample is flagged with J3.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31233-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31233-1EB	**EQUIPMENT BLANK**					
Mercury		0.084	I	0.20	ug/L	7470A
Ammonia (as N)		0.15		0.020	mg/L	350.1
Total Recoverable						
Silver		1.1	I	4.0	ug/L	6010B
Sodium		0.53		0.50	mg/L	6010B
660-31233-2FD	**NOT BLANK-DUP**					
Chloride		48		2.0	mg/L	300.0
Ammonia (as N)		1.2		0.020	mg/L	350.1
Total Dissolved Solids		160		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		10		10	ug/L	6010B
Iron		980		200	ug/L	6010B
Sodium		11		0.50	mg/L	6010B
Zinc		11	I	20	ug/L	6010B
660-31233-3	**TH-22A**					
Field pH		6.87			SU	Field Sampling
Field Temperature		24.55			Degrees C	Field Sampling
Oxygen, Dissolved		0.28			mg/L	Field Sampling
Specific Conductance		278			umhos/cm	Field Sampling
Turbidity		29.7			NTU	Field Sampling
Chloride		25		1.0	mg/L	300.0
Ammonia (as N)		0.82	J3	0.020	mg/L	350.1
Total Dissolved Solids		170		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		82		10	ug/L	6010B
Chromium		7.2	I	10	ug/L	6010B
Iron		480		200	ug/L	6010B
Lead		2.5	I	10	ug/L	6010B
Sodium		4.5		0.50	mg/L	6010B
Vanadium		3.4	I	10	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31233-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31233-4	**TH-40**					
Field pH		6.64			SU	Field Sampling
Field Temperature		23.74			Degrees C	Field Sampling
Oxygen, Dissolved		0.29			mg/L	Field Sampling
Specific Conductance		340			umhos/cm	Field Sampling
Turbidity		2.7			NTU	Field Sampling
Chloride		9.4		2.0	mg/L	300.0
Ammonia (as N)		0.36		0.020	mg/L	350.1
Total Dissolved Solids		200		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		5.7	I	10	ug/L	6010B
Sodium		17		0.50	mg/L	6010B
660-31233-5	**TH-57**					
Field pH		5.25			SU	Field Sampling
Field Temperature		26.96			Degrees C	Field Sampling
Oxygen, Dissolved		0.84			mg/L	Field Sampling
Specific Conductance		257			umhos/cm	Field Sampling
Turbidity		3.9			NTU	Field Sampling
Chloride		47		2.0	mg/L	300.0
Ammonia (as N)		1.1		0.020	mg/L	350.1
Total Dissolved Solids		150		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		12		10	ug/L	6010B
Copper		16		10	ug/L	6010B
Iron		1100		200	ug/L	6010B
Sodium		12		0.50	mg/L	6010B
Zinc		36		20	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31233-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31233-6	**TH-28A**					
Field pH		5.08			SU	Field Sampling
Field Temperature		26.46			Degrees C	Field Sampling
Oxygen, Dissolved		0.16			mg/L	Field Sampling
Specific Conductance		236			umhos/cm	Field Sampling
Turbidity		16.0			NTU	Field Sampling
Chloride		46		2.0	mg/L	300.0
Ammonia (as N)		1.4		0.020	mg/L	350.1
Total Dissolved Solids		150		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		4.5	I	10	ug/L	6010B
Chromium		2.4	I	10	ug/L	6010B
Iron		2700		200	ug/L	6010B
Sodium		16		0.50	mg/L	6010B
Zinc		6.4	I	20	ug/L	6010B
660-31233-7	**TH-58**					
Field pH		5.40			SU	Field Sampling
Field Temperature		26.09			Degrees C	Field Sampling
Oxygen, Dissolved		0.34			mg/L	Field Sampling
Specific Conductance		442			umhos/cm	Field Sampling
Turbidity		1.1			NTU	Field Sampling
Chloride		44		2.0	mg/L	300.0
Ammonia (as N)		0.67		0.020	mg/L	350.1
Nitrate as N		0.22	I	0.50	mg/L	353.2
Total Dissolved Solids		250		5.0	mg/L	SM 2540C
Total Recoverable						
Arsenic		28		10	ug/L	6010B
Barium		21		10	ug/L	6010B
Chromium		3.0	I	10	ug/L	6010B
Iron		5300		200	ug/L	6010B
Sodium		29		0.50	mg/L	6010B
Vanadium		10		10	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31233-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31233-8	**TH-19**					
Acrylonitrile		2.5	I	100	ug/L	8260B
Field pH		6.57			SU	Field Sampling
Field Temperature		23.61			Degrees C	Field Sampling
Oxygen, Dissolved		0.30			mg/L	Field Sampling
Specific Conductance		420			umhos/cm	Field Sampling
Turbidity		1.0			NTU	Field Sampling
Chloride		8.6		2.0	mg/L	300.0
Ammonia (as N)		0.35		0.020	mg/L	350.1
Total Dissolved Solids		260		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		5.5	I	10	ug/L	6010B
Sodium		14		0.50	mg/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-31233-1

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 TAL	EPA 8011	
Microextraction	TAL TAL		SW846 8011
Metals (ICP)	TAL TAM	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL TAM		SW846 3005A
Mercury (CVAA)	TAL TAM	SW846 7470A	
Preparation, Mercury	TAL TAM		SW846 7470A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrate	TAL TAM	MCAWW 353.2	
Solids, Total Dissolved (TDS)	TAL TAL	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

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: Hillsborough County

Job Number: 660-31233-1

Method	Analyst	Analyst ID
SW846 8260B	Perrin, Todd	TP
EPA 8011	Kelly, Cheryl A	CAK
SW846 6010B	Fox, Greg	GF
SW846 7470A	Canales, Richard	RC
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Petterson, Alyssa	AP
MCAWW 350.1	Alvarez, Luz	LA
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2540C	Office, Trey	TO

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-31233-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-31233-1EB	Equipment Blank	Water	08/25/2009 1020	08/25/2009 1600
660-31233-2FD	Not Blank-DUP	Water	08/25/2009 0000	08/25/2009 1600
660-31233-3	TH-22A	Water	08/25/2009 1106	08/25/2009 1600
660-31233-4	TH-40	Water	08/25/2009 1112	08/25/2009 1600
660-31233-5	TH-57	Water	08/25/2009 1206	08/25/2009 1600
660-31233-6	TH-28A	Water	08/25/2009 1212	08/25/2009 1600
660-31233-7	TH-58	Water	08/25/2009 1331	08/25/2009 1600
660-31233-8	TH-19	Water	08/25/2009 1328	08/25/2009 1600
660-31233-9TB	Travel Blank	Water	08/25/2009 1019	08/25/2009 1600

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31233-1

Date Sampled: 08/25/2009 1020
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 1355		
Prep Method: 5030B			Date Prepared:	08/26/2009 1355		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31233-1

Date Sampled: 08/25/2009 1020
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	105		%		70 - 130	
Dibromofluoromethane	107		%		70 - 130	
Toluene-d8 (Surr)	101		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2223		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/28/2009 1005		
Prep Method: 3005A			Date Prepared:	08/27/2009 0813		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	2.0	U	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.1	I	ug/L	1.0	4.0	1.0
Sodium	0.53		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1426		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.084	I	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/01/2009 1606		
Chloride	0.20	U	mg/L	0.20	0.50	1.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31233-1

Date Sampled: 08/25/2009 1020
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		08/26/2009 1215	
Ammonia (as N)	0.15		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/26/2009 0908	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		08/28/2009 0852	
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0

Mr. David S Adams
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Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-1

Client Sample ID: Not Blank-DUP
Lab Sample ID: 660-31233-2

Date Sampled: 08/25/2009 0000
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 1415		
Prep Method: 5030B			Date Prepared:	08/26/2009 1415		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31233-1

Client Sample ID: Not Blank-DUP
Lab Sample ID: 660-31233-2

Date Sampled: 08/25/2009 0000
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	108		%		70 - 130	
Toluene-d8 (Surr)	102		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2237		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/28/2009 0941		
Prep Method: 3005A			Date Prepared:	08/27/2009 0813		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	10		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	980		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	11		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	11	I	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1428		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/02/2009 1712		
Chloride	48		mg/L	0.80	2.0	4.0

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Job Number: 660-31233-1

Client Sample ID: Not Blank-DUP
Lab Sample ID: 660-31233-2

Date Sampled: 08/25/2009 0000
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		08/26/2009 1216	
Ammonia (as N)	1.2		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/26/2009 0908	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		08/28/2009 0852	
Total Dissolved Solids	160		mg/L	5.0	5.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-22A
Lab Sample ID: 660-31233-3

Date Sampled: 08/25/2009 1106
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 1436		
Prep Method: 5030B			Date Prepared:	08/26/2009 1436		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-22A
Lab Sample ID: 660-31233-3

Date Sampled: 08/25/2009 1106
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	104		%		70 - 130	
Dibromofluoromethane	108		%		70 - 130	
Toluene-d8 (Surr)	102		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2251		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/28/2009 1010		
Prep Method: 3005A			Date Prepared:	08/27/2009 0813		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	82		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	7.2	I	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	480		ug/L	50	200	1.0
Lead	2.5	I	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	4.5		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	3.4	I	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1431		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/01/2009 1704		
Chloride	25		mg/L	0.40	1.0	2.0

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Job Number: 660-31233-1

Client Sample ID: TH-22A
Lab Sample ID: 660-31233-3

Date Sampled: 08/25/2009 1106
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:	08/26/2009 1211		
Ammonia (as N)	0.82	J3	mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/26/2009 0908		
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:	08/28/2009 0852		
Total Dissolved Solids	170		mg/L	5.0	5.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-22A
Lab Sample ID: 660-31233-3

Date Sampled: 08/25/2009 1106
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/25/2009 1106		
Field pH	6.87	SU			1.0
Field Temperature	24.55	Degrees C			1.0
Oxygen, Dissolved	0.28	mg/L			1.0
Specific Conductance	278	umhos/cm			1.0
Turbidity	29.7	NTU			1.0

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Job Number: 660-31233-1

Client Sample ID: TH-40
Lab Sample ID: 660-31233-4

Date Sampled: 08/25/2009 1112
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 1516		
Prep Method: 5030B			Date Prepared:	08/26/2009 1516		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-40
Lab Sample ID: 660-31233-4

Date Sampled: 08/25/2009 1112
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	102		%		70 - 130	
Dibromofluoromethane	108		%		70 - 130	
Toluene-d8 (Surr)	101		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2304		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/28/2009 1016		
Prep Method: 3005A			Date Prepared:	08/27/2009 0813		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	5.7	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	17		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1433		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/01/2009 1733		
Chloride	9.4		mg/L	0.80	2.0	4.0

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Job Number: 660-31233-1

Client Sample ID: TH-40
Lab Sample ID: 660-31233-4

Date Sampled: 08/25/2009 1112
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:	08/26/2009 1217		
Ammonia (as N)	0.36		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/26/2009 0908		
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:	08/28/2009 0852		
Total Dissolved Solids	200		mg/L	5.0	5.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-40
Lab Sample ID: 660-31233-4

Date Sampled: 08/25/2009 1112
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/25/2009 1112		
Field pH	6.64	SU			1.0
Field Temperature	23.74	Degrees C			1.0
Oxygen, Dissolved	0.29	mg/L			1.0
Specific Conductance	340	umhos/cm			1.0
Turbidity	2.7	NTU			1.0

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Job Number: 660-31233-1

Client Sample ID: TH-57
Lab Sample ID: 660-31233-5

Date Sampled: 08/25/2009 1206
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 1537		
Prep Method: 5030B			Date Prepared:	08/26/2009 1537		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-57
Lab Sample ID: 660-31233-5

Date Sampled: 08/25/2009 1206
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	104		%		70 - 130	
Dibromofluoromethane	110		%		70 - 130	
Toluene-d8 (Surr)	103		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2318		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/28/2009 1034		
Prep Method: 3005A			Date Prepared:	08/27/2009 0813		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	12		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	16		ug/L	2.9	10	1.0
Iron	1100		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	12		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	36		ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1435		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/02/2009 1741		
Chloride	47		mg/L	0.80	2.0	4.0

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Job Number: 660-31233-1

Client Sample ID: TH-57
Lab Sample ID: 660-31233-5

Date Sampled: 08/25/2009 1206
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:	08/26/2009 1218		
Ammonia (as N)	1.1		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/26/2009 0908		
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:	08/28/2009 0852		
Total Dissolved Solids	150		mg/L	5.0	5.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-57
Lab Sample ID: 660-31233-5

Date Sampled: 08/25/2009 1206
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/25/2009 1206		
Field pH	5.25	SU			1.0
Field Temperature	26.96	Degrees C			1.0
Oxygen, Dissolved	0.84	mg/L			1.0
Specific Conductance	257	umhos/cm			1.0
Turbidity	3.9	NTU			1.0

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Job Number: 660-31233-1

Client Sample ID: TH-28A
Lab Sample ID: 660-31233-6

Date Sampled: 08/25/2009 1212
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 1557		
Prep Method: 5030B			Date Prepared:	08/26/2009 1557		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-28A
Lab Sample ID: 660-31233-6

Date Sampled: 08/25/2009 1212
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	101		%		70 - 130	
Dibromofluoromethane	110		%		70 - 130	
Toluene-d8 (Surr)	103		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2331		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/28/2009 1040		
Prep Method: 3005A			Date Prepared:	08/27/2009 0813		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	4.5	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.4	I	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	2700		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	6.4	I	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1437		
Prep Method: 7470A			Date Prepared:	08/26/2009 1249		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/02/2009 1810		
Chloride	46		mg/L	0.80	2.0	4.0

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Job Number: 660-31233-1

Client Sample ID: TH-28A
Lab Sample ID: 660-31233-6

Date Sampled: 08/25/2009 1212
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:	08/26/2009 1220		
Ammonia (as N)	1.4		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/26/2009 0908		
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:	08/28/2009 0852		
Total Dissolved Solids	150		mg/L	5.0	5.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-28A
Lab Sample ID: 660-31233-6

Date Sampled: 08/25/2009 1212
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/25/2009 1212		
Field pH	5.08	SU			1.0
Field Temperature	26.46	Degrees C			1.0
Oxygen, Dissolved	0.16	mg/L			1.0
Specific Conductance	236	umhos/cm			1.0
Turbidity	16.0	NTU			1.0

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Job Number: 660-31233-1

Client Sample ID: TH-58
Lab Sample ID: 660-31233-7

Date Sampled: 08/25/2009 1331
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 1618		
Prep Method: 5030B			Date Prepared:	08/26/2009 1618		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-58
Lab Sample ID: 660-31233-7

Date Sampled: 08/25/2009 1331
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	112		%		70 - 130	
Toluene-d8 (Surr)	103		%		70 - 130	
Method: 8011			Date Analyzed:		09/01/2009 2346	
Prep Method: 8011			Date Prepared:		09/01/2009 1330	
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:		08/28/2009 1046	
Prep Method: 3005A			Date Prepared:		08/27/2009 0813	
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	28		ug/L	4.0	10	1.0
Barium	21		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	3.0	I	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	5300		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	29		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	10		ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:		08/26/2009 1517	
Prep Method: 7470A			Date Prepared:		08/26/2009 1259	
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:		09/01/2009 1958	
Chloride	44		mg/L	0.80	2.0	4.0

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Job Number: 660-31233-1

Client Sample ID: TH-58
Lab Sample ID: 660-31233-7

Date Sampled: 08/25/2009 1331
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		08/26/2009 1221	
Ammonia (as N)	0.67		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/26/2009 0908	
Nitrate as N	0.22	I	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		08/28/2009 0852	
Total Dissolved Solids	250		mg/L	5.0	5.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-58
Lab Sample ID: 660-31233-7

Date Sampled: 08/25/2009 1331
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/25/2009 1331		
Field pH	5.40	SU			1.0
Field Temperature	26.09	Degrees C			1.0
Oxygen, Dissolved	0.34	mg/L			1.0
Specific Conductance	442	umhos/cm			1.0
Turbidity	1.1	NTU			1.0

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Job Number: 660-31233-1

Client Sample ID: TH-19
Lab Sample ID: 660-31233-8

Date Sampled: 08/25/2009 1328
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/26/2009 1658		
Prep Method: 5030B			Date Prepared:	08/26/2009 1658		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	2.5	I	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-19
Lab Sample ID: 660-31233-8

Date Sampled: 08/25/2009 1328
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	102		%		70 - 130	
Dibromofluoromethane	107		%		70 - 130	
Toluene-d8 (Surr)	98		%		70 - 130	
Method: 8011			Date Analyzed:	09/01/2009 2359		
Prep Method: 8011			Date Prepared:	09/01/2009 1330		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	08/28/2009 1052		
Prep Method: 3005A			Date Prepared:	08/27/2009 0813		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	5.5	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	14		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/26/2009 1524		
Prep Method: 7470A			Date Prepared:	08/26/2009 1259		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/01/2009 2027		
Chloride	8.6		mg/L	0.80	2.0	4.0

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Job Number: 660-31233-1

Client Sample ID: TH-19
Lab Sample ID: 660-31233-8

Date Sampled: 08/25/2009 1328
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		08/26/2009 1222	
Ammonia (as N)	0.35		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/26/2009 0908	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		08/28/2009 0852	
Total Dissolved Solids	260		mg/L	5.0	5.0	1.0

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Job Number: 660-31233-1

Client Sample ID: TH-19
Lab Sample ID: 660-31233-8

Date Sampled: 08/25/2009 1328
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/25/2009 1328		
Field pH	6.57	SU			1.0
Field Temperature	23.61	Degrees C			1.0
Oxygen, Dissolved	0.30	mg/L			1.0
Specific Conductance	420	umhos/cm			1.0
Turbidity	1.0	NTU			1.0

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Job Number: 660-31233-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-31233-9

Date Sampled: 08/25/2009 1019
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 2018		
Prep Method: 5030B			Date Prepared:	08/27/2009 2018		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31233-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-31233-9

Date Sampled: 08/25/2009 1019
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene	104	%	70 - 130
Dibromofluoromethane	107	%	70 - 130
Toluene-d8 (Surr)	102	%	70 - 130

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-31233-1

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 660-83873

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-83873/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1334
Date Prepared: 08/26/2009 1334

Analysis Batch: 660-83873
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2613.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	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone	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
Chloroethane	2.5	U	2.5	5.0
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
Dibromochloromethane	0.34	U	0.34	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone	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
Trichloromethane	0.90	U	0.90	1.0

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 660-83873

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-83873/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1334
Date Prepared: 08/26/2009 1334

Analysis Batch: 660-83873
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2613.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	105	70 - 130
Dibromofluoromethane	94	70 - 130
Toluene-d8 (Surr)	101	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Lab Control Sample - Batch: 660-83873

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-83873/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1213
Date Prepared: 08/26/2009 1213

Analysis Batch: 660-83873
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2609.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	109	109	62 - 142	
Acrylonitrile	200	207	103	10 - 183	
Benzene	20.0	21.6	108	64 - 140	
Bromochloromethane	20.0	20.4	102	59 - 130	
Bromodichloromethane	20.0	19.4	97	70 - 130	
Bromoform	20.0	16.5	83	65 - 130	
Bromomethane	20.0	22.8	114	14 - 184	
2-Butanone	100	116	116	63 - 140	
Carbon disulfide	10.0	9.43	94	30 - 184	
Carbon tetrachloride	20.0	19.7	98	53 - 145	
Chlorobenzene	20.0	20.1	100	70 - 130	
Chloroethane	20.0	17.3	87	39 - 174	
Chloromethane	20.0	17.6	88	35 - 153	
cis-1,2-Dichloroethene	20.0	21.2	106	61 - 130	
cis-1,3-Dichloropropene	20.0	20.8	104	70 - 130	
Dibromochloromethane	20.0	18.6	93	70 - 130	
Dibromomethane	20.0	20.0	100	70 - 130	
1,2-Dichlorobenzene	20.0	20.1	101	70 - 130	
1,4-Dichlorobenzene	20.0	19.5	97	70 - 130	
1,1-Dichloroethane	20.0	21.9	110	60 - 132	
1,2-Dichloroethane	20.0	20.7	103	70 - 130	
1,1-Dichloroethene	20.0	23.5	117	51 - 157	
1,2-Dichloropropane	20.0	20.1	100	70 - 130	
Ethylbenzene	20.0	21.1	105	69 - 131	
2-Hexanone	100	103	103	57 - 148	
Iodomethane	20.0	22.3	112	70 - 130	
Methylene Chloride	20.0	20.6	103	57 - 130	
4-Methyl-2-pentanone	100	103	103	64 - 137	
Styrene	20.0	20.1	100	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	19.8	99	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	19.2	96	67 - 130	
Tetrachloroethene	20.0	21.8	109	47 - 143	
Toluene	20.0	19.7	98	70 - 131	
trans-1,4-Dichloro-2-butene	20.0	20.8	104	70 - 130	
trans-1,2-Dichloroethene	20.0	22.9	115	55 - 145	
trans-1,3-Dichloropropene	20.0	18.4	92	62 - 130	
1,1,1-Trichloroethane	20.0	21.4	107	57 - 135	
1,1,2-Trichloroethane	20.0	19.3	96	69 - 130	
Trichloroethene	20.0	21.7	108	59 - 142	
Trichlorofluoromethane	20.0	18.1	91	62 - 147	
Trichloromethane	20.0	21.1	105	59 - 130	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Lab Control Sample - Batch: 660-83873

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-83873/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1213
Date Prepared: 08/26/2009 1213

Analysis Batch: 660-83873
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2609.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	20.0	19.0	95	62 - 130	
Vinyl acetate	30.4	19.4	64	10 - 166	
Vinyl chloride	20.0	19.7	98	48 - 147	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Matrix Spike - Batch: 660-83873

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31233-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1638
Date Prepared: 08/26/2009 1638

Analysis Batch: 660-83873
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2622.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	250	269	108	62 - 142	
Acrylonitrile	1.2	U	500	543	109	10 - 183	
Benzene	0.50	U	50.0	60.4	121	64 - 140	
Bromochloromethane	0.58	U	50.0	50.8	102	59 - 130	
Bromodichloromethane	0.35	U	50.0	63.5	127	70 - 130	
Bromoform	0.58	U	50.0	49.6	99	65 - 130	
Bromomethane	2.5	U	50.0	20.1	40	14 - 184	
2-Butanone	8.4	U	250	288	115	63 - 140	
Carbon disulfide	0.85	U	25.0	27.9	112	30 - 184	
Carbon tetrachloride	0.42	U	50.0	61.9	124	53 - 145	
Chlorobenzene	0.63	U	50.0	55.7	111	70 - 130	
Chloroethane	2.5	U	50.0	43.6	87	39 - 174	
Chloromethane	1.0	U	50.0	40.3	81	35 - 153	
cis-1,2-Dichloroethene	0.65	U	50.0	60.5	121	61 - 130	
cis-1,3-Dichloropropene	0.14	U	50.0	64.7	129	70 - 130	
Dibromochloromethane	0.34	U	50.0	64.8	130	70 - 130	
Dibromomethane	0.41	U	50.0	60.2	120	70 - 130	
1,2-Dichlorobenzene	0.44	U	50.0	55.5	111	70 - 130	
1,4-Dichlorobenzene	0.52	U	50.0	53.9	108	70 - 130	
1,1-Dichloroethane	0.52	U	50.0	60.5	121	60 - 132	
1,2-Dichloroethane	0.57	U	50.0	57.3	115	70 - 130	
1,1-Dichloroethene	0.45	U	50.0	68.1	136	51 - 157	
1,2-Dichloropropane	0.52	U	50.0	60.1	120	70 - 130	
Ethylbenzene	0.44	U	50.0	60.9	122	69 - 131	
2-Hexanone	4.4	U	250	307	123	57 - 148	
Iodomethane	2.5	U	50.0	33.3	67	70 - 130	J3
Methylene Chloride	4.0	U	50.0	54.5	109	57 - 130	
4-Methyl-2-pentanone	3.8	U	250	283	113	64 - 137	
Styrene	0.98	U	50.0	55.5	111	62 - 136	
1,1,1,2-Tetrachloroethane	0.63	U	50.0	58.0	116	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	50.0	53.8	108	67 - 130	
Tetrachloroethene	0.50	U	50.0	65.1	130	47 - 143	
Toluene	0.51	U	50.0	61.3	123	70 - 131	
trans-1,4-Dichloro-2-butene	2.5	U	50.0	55.2	110	70 - 130	
trans-1,2-Dichloroethene	0.44	U	50.0	62.7	125	55 - 145	
trans-1,3-Dichloropropene	0.14	U	50.0	52.9	106	62 - 130	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Matrix Spike - Batch: 660-83873

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31233-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1638
Date Prepared: 08/26/2009 1638

Analysis Batch: 660-83873
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2622.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.46	U	50.0	61.3	123	57 - 135	
1,1,2-Trichloroethane	0.47	U	50.0	59.3	119	69 - 130	
Trichloroethene	0.50	U	50.0	59.8	120	59 - 142	
Trichlorofluoromethane	2.5	U	50.0	55.3	111	62 - 147	
Trichloromethane	0.90	U	50.0	57.7	115	59 - 130	
1,2,3-Trichloropropane	0.18	U	50.0	52.2	104	62 - 130	
Vinyl acetate	1.5	U	76.0	52.0	68	10 - 166	
Vinyl chloride	0.50	U	50.0	47.4	95	48 - 147	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Duplicate - Batch: 660-83873

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31233-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1456
Date Prepared: 08/26/2009 1456

Analysis Batch: 660-83873
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2617.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromochloromethane	0.58	U	0.58	NC	30	U
Bromodichloromethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone	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
Chloroethane	2.5	U	2.5	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
Dibromochloromethane	0.34	U	0.34	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
4-Methyl-2-pentanone	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

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Duplicate - Batch: 660-83873

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31233-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1456
Date Prepared: 08/26/2009 1456

Analysis Batch: 660-83873
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2617.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
Trichloromethane	0.90	U	0.90	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	105	70 - 130
Dibromofluoromethane	108	70 - 130
Toluene-d8 (Surr)	101	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-83909/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1250
Date Prepared: 08/27/2009 1250

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2712.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	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone	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
Chloroethane	2.5	U	2.5	5.0
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
Dibromochloromethane	0.34	U	0.34	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone	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
Trichloromethane	0.90	U	0.90	1.0

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-83909/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1250
Date Prepared: 08/27/2009 1250

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2712.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	106	70 - 130
Dibromofluoromethane	106	70 - 130
Toluene-d8 (Surr)	99	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Lab Control Sample - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-83909/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1148
Date Prepared: 08/27/2009 1148

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2709.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	110	110	62 - 142	
Acrylonitrile	200	208	104	10 - 183	
Benzene	20.0	21.4	107	64 - 140	
Bromochloromethane	20.0	20.0	100	59 - 130	
Bromodichloromethane	20.0	20.1	100	70 - 130	
Bromoform	20.0	17.4	87	65 - 130	
Bromomethane	20.0	18.6	93	14 - 184	
2-Butanone	100	113	113	63 - 140	
Carbon disulfide	10.0	9.59	96	30 - 184	
Carbon tetrachloride	20.0	18.9	95	53 - 145	
Chlorobenzene	20.0	19.7	98	70 - 130	
Chloroethane	20.0	18.8	94	39 - 174	
Chloromethane	20.0	14.2	71	35 - 153	
cis-1,2-Dichloroethene	20.0	20.8	104	61 - 130	
cis-1,3-Dichloropropene	20.0	20.6	103	70 - 130	
Dibromochloromethane	20.0	19.5	97	70 - 130	
Dibromomethane	20.0	20.7	104	70 - 130	
1,2-Dichlorobenzene	20.0	20.3	102	70 - 130	
1,4-Dichlorobenzene	20.0	19.4	97	70 - 130	
1,1-Dichloroethane	20.0	21.1	105	60 - 132	
1,2-Dichloroethane	20.0	20.8	104	70 - 130	
1,1-Dichloroethene	20.0	23.1	116	51 - 157	
1,2-Dichloropropane	20.0	19.7	98	70 - 130	
Ethylbenzene	20.0	20.9	105	69 - 131	
2-Hexanone	100	104	104	57 - 148	
Iodomethane	20.0	18.8	94	70 - 130	
Methylene Chloride	20.0	20.1	101	57 - 130	
4-Methyl-2-pentanone	100	104	104	64 - 137	
Styrene	20.0	20.0	100	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	19.9	99	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	18.9	95	67 - 130	
Tetrachloroethene	20.0	23.1	116	47 - 143	
Toluene	20.0	19.5	98	70 - 131	
trans-1,4-Dichloro-2-butene	20.0	18.9	94	70 - 130	
trans-1,2-Dichloroethene	20.0	22.8	114	55 - 145	
trans-1,3-Dichloropropene	20.0	18.2	91	62 - 130	
1,1,1-Trichloroethane	20.0	20.7	104	57 - 135	
1,1,2-Trichloroethane	20.0	19.6	98	69 - 130	
Trichloroethene	20.0	22.2	111	59 - 142	
Trichlorofluoromethane	20.0	17.9	89	62 - 147	
Trichloromethane	20.0	20.3	102	59 - 130	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Lab Control Sample - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-83909/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1148
Date Prepared: 08/27/2009 1148

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2709.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	20.0	18.8	94	62 - 130	
Vinyl acetate	30.4	18.7	62	10 - 166	
Vinyl chloride	20.0	18.2	91	48 - 147	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Matrix Spike - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31254-B-5 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1654
Date Prepared: 08/27/2009 1654

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2724.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	250	262	105	62 - 142	
Acrylonitrile	1.2	U	500	519	104	10 - 183	
Benzene	0.50	U	50.0	58.8	118	64 - 140	
Bromochloromethane	0.58	U	50.0	53.4	107	59 - 130	
Bromodichloromethane	0.35	U	50.0	63.1	126	70 - 130	
Bromoform	0.58	U	50.0	46.4	93	65 - 130	
Bromomethane	2.5	U	50.0	40.8	82	14 - 184	
2-Butanone	8.4	U	250	275	110	63 - 140	
Carbon disulfide	0.85	U	25.0	25.6	102	30 - 184	
Carbon tetrachloride	0.42	U	50.0	51.8	104	53 - 145	
Chlorobenzene	0.63	U	50.0	54.7	109	70 - 130	
Chloroethane	2.5	U	50.0	43.1	86	39 - 174	
Chloromethane	1.0	U	50.0	40.8	82	35 - 153	
cis-1,2-Dichloroethene	0.65	U	50.0	57.3	115	61 - 130	
cis-1,3-Dichloropropene	0.14	U	50.0	64.3	129	70 - 130	
Dibromochloromethane	0.34	U	50.0	64.3	129	70 - 130	
Dibromomethane	0.41	U	50.0	60.0	120	70 - 130	
1,2-Dichlorobenzene	0.44	U	50.0	53.1	106	70 - 130	
1,4-Dichlorobenzene	0.52	U	50.0	51.2	102	70 - 130	
1,1-Dichloroethane	0.52	U	50.0	57.2	114	60 - 132	
1,2-Dichloroethane	0.57	U	50.0	54.3	109	70 - 130	
1,1-Dichloroethene	0.45	U	50.0	67.3	135	51 - 157	
1,2-Dichloropropane	0.52	U	50.0	60.3	121	70 - 130	
Ethylbenzene	0.44	U	50.0	59.1	118	69 - 131	
2-Hexanone	4.4	U	250	306	122	57 - 148	
Iodomethane	2.5	U	50.0	46.1	92	70 - 130	
Methylene Chloride	4.0	U	50.0	53.0	106	57 - 130	
4-Methyl-2-pentanone	3.8	U	250	302	121	64 - 137	
Styrene	0.98	U	50.0	54.5	109	62 - 136	
1,1,1,2-Tetrachloroethane	0.63	U	50.0	56.9	114	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	50.0	50.5	101	67 - 130	
Tetrachloroethene	0.50	U	50.0	67.4	135	47 - 143	
Toluene	0.51	U	50.0	61.4	123	70 - 131	
trans-1,4-Dichloro-2-butene	2.5	U	50.0	50.4	101	70 - 130	
trans-1,2-Dichloroethene	0.44	U	50.0	61.7	123	55 - 145	
trans-1,3-Dichloropropene	0.14	U	50.0	50.7	101	62 - 130	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Matrix Spike - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31254-B-5 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1654
Date Prepared: 08/27/2009 1654

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2724.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.46	U	50.0	58.1	116	57 - 135	
1,1,2-Trichloroethane	0.47	U	50.0	58.3	117	69 - 130	
Trichloroethene	0.50	U	50.0	58.0	116	59 - 142	
Trichlorofluoromethane	2.5	U	50.0	53.7	107	62 - 147	
Trichloromethane	0.90	U	50.0	55.7	111	59 - 130	
1,2,3-Trichloropropane	0.18	U	50.0	49.8	100	62 - 130	
Vinyl acetate	1.5	U	76.0	49.0	64	10 - 166	
Vinyl chloride	0.50	U	50.0	46.9	94	48 - 147	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Duplicate - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31254-B-3 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1553
Date Prepared: 08/27/2009 1553

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2721.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromochloromethane	0.58	U	0.58	NC	30	U
Bromodichloromethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone	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
Chloroethane	2.5	U	2.5	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
Dibromochloromethane	0.34	U	0.34	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
4-Methyl-2-pentanone	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

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Duplicate - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31254-B-3 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1553
Date Prepared: 08/27/2009 1553

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2721.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
Trichloromethane	0.90	U	0.90	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	103	70 - 130
Dibromofluoromethane	109	70 - 130
Toluene-d8 (Surr)	103	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 640-60341

Method: 8011
Preparation: 8011

Lab Sample ID: MB 640-60341/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1759
Date Prepared: 09/01/2009 1330

Analysis Batch: 640-60376
Prep Batch: 640-60341
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 1I01L012.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0027	U	0.0027	0.020
Ethylene Dibromide	0.0044	U	0.0044	0.020

Surrogate	% Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	110	56 - 144

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-60341

Method: 8011
Preparation: 8011

LCS Lab Sample ID: LCS 640-60341/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1812
Date Prepared: 09/01/2009 1330

Analysis Batch: 640-60376
Prep Batch: 640-60341
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 1I01L013.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 640-60341/13-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1913
Date Prepared: 09/01/2009 1330

Analysis Batch: 640-60376
Prep Batch: 640-60341
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 1I01L014.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	106	103	89 - 132	3	11		
Ethylene Dibromide	96	92	85 - 118	4	12		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	103	98	56 - 144

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-60341

Method: 8011
Preparation: 8011

MS Lab Sample ID:	660-31278-J-1-A MS	Analysis Batch: 640-60376	Instrument ID: SGL HP6890
Client Matrix:	Water	Prep Batch: 640-60341	Lab File ID: 1I01L015.D
Dilution:	1.0		Initial Weight/Volume: 17.5 mL
Date Analyzed:	09/01/2009 1926		Final Weight/Volume: 2.0 mL
Date Prepared:	09/01/2009 1330		Injection Volume: 2 uL
			Column ID: PRIMARY
MSD Lab Sample ID:	660-31278-J-1-B MSD	Analysis Batch: 640-60376	Instrument ID: SGL HP6890
Client Matrix:	Water	Prep Batch: 640-60341	Lab File ID: 1I01L016.D
Dilution:	1.0		Initial Weight/Volume: 17.5 mL
Date Analyzed:	09/01/2009 1940		Final Weight/Volume: 2.0 mL
Date Prepared:	09/01/2009 1330		Injection Volume: 2 uL
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2-Dibromo-3-Chloropropane	108	105	89 - 132	3	11		
Ethylene Dibromide	94	93	85 - 118	1	12		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	100	100	56 - 144

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 660-83820

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 660-83820/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0924
Date Prepared: 08/27/2009 0813

Analysis Batch: 660-83922
Prep Batch: 660-83820
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9H28A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-83820

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 660-83820/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0924
Date Prepared: 08/27/2009 0813

Analysis Batch: 660-83922
Prep Batch: 660-83820
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9H28A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Antimony	4.0	U	4.0	20
Arsenic	4.0	U	4.0	10
Barium	2.0	U	2.0	10
Beryllium	0.50	U	0.50	2.0
Cadmium	1.0	U	1.0	4.0
Chromium	2.0	U	2.0	10
Cobalt	2.0	U	2.0	10
Copper	2.9	U	2.9	10
Iron	50	U	50	200
Lead	2.0	U	2.0	10
Nickel	2.0	U	2.0	8.0
Selenium	5.0	U	5.0	20
Silver	1.0	U	1.0	4.0
Thallium	5.0	U	5.0	20
Vanadium	2.5	U	2.5	10
Zinc	5.0	U	5.0	20

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Lab Control Sample - Batch: 660-83820

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-83820/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0929
Date Prepared: 08/27/2009 0813

Analysis Batch: 660-83922
Prep Batch: 660-83820
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9H28A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	10.2	102	75 - 125	

Lab Control Sample - Batch: 660-83820

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-83820/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0929
Date Prepared: 08/27/2009 0813

Analysis Batch: 660-83922
Prep Batch: 660-83820
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9H28A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	1000	952	95	75 - 125	
Arsenic	1000	1000	100	75 - 125	
Barium	1000	968	97	75 - 125	
Beryllium	1000	1040	104	75 - 125	
Cadmium	1000	1030	103	75 - 125	
Chromium	990	999	101	75 - 125	
Cobalt	1000	968	97	75 - 125	
Copper	1000	985	98	75 - 125	
Iron	1000	1030	103	75 - 125	
Lead	1000	1030	103	75 - 125	
Nickel	1000	1020	102	75 - 125	
Selenium	1000	950	95	75 - 125	
Silver	1000	970	97	75 - 125	
Thallium	1000	987	99	75 - 125	
Vanadium	1000	1030	103	75 - 125	
Zinc	1000	1050	105	75 - 125	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83820

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	660-31233-2	Analysis Batch: 660-83922	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-83820	Lab File ID: 9H28A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/28/2009 0947		Final Weight/Volume: 50 mL
Date Prepared:	08/27/2009 0813		

MSD Lab Sample ID:	660-31233-2	Analysis Batch: 660-83922	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-83820	Lab File ID: 9H28A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/28/2009 0953		Final Weight/Volume: 50 mL
Date Prepared:	08/27/2009 0813		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sodium	110	107	75 - 125	2	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83820

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	660-31233-2	Analysis Batch: 660-83922	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-83820	Lab File ID: 9H28A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/28/2009 0947		Final Weight/Volume: 50 mL
Date Prepared:	08/27/2009 0813		

MSD Lab Sample ID:	660-31233-2	Analysis Batch: 660-83922	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-83820	Lab File ID: 9H28A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/28/2009 0953		Final Weight/Volume: 50 mL
Date Prepared:	08/27/2009 0813		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	97	97	75 - 125	0	20		
Arsenic	102	101	75 - 125	0	20		
Barium	99	98	75 - 125	1	20		
Beryllium	105	105	75 - 125	0	20		
Cadmium	103	104	75 - 125	0	20		
Chromium	102	102	75 - 125	0	20		
Cobalt	97	97	75 - 125	0	20		
Copper	101	100	75 - 125	1	20		
Iron	103	104	75 - 125	1	20		
Lead	103	103	75 - 125	0	20		
Nickel	103	103	75 - 125	0	20		
Selenium	94	94	75 - 125	0	20		
Silver	98	98	75 - 125	1	20		
Thallium	100	100	75 - 125	1	20		
Vanadium	104	104	75 - 125	0	20		
Zinc	103	104	75 - 125	1	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 660-83795

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 660-83795/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1401
Date Prepared: 08/26/2009 1249

Analysis Batch: 660-83806
Prep Batch: 660-83795
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Mercury	0.072	U	0.072	0.20

Lab Control Sample - Batch: 660-83795

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 660-83795/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1403
Date Prepared: 08/26/2009 1249

Analysis Batch: 660-83806
Prep Batch: 660-83795
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.948	95	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-83795

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 660-31218-H-1-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1410
Date Prepared: 08/26/2009 1249

Analysis Batch: 660-83806
Prep Batch: 660-83795

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

MSD Lab Sample ID: 660-31218-H-1-D MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1412
Date Prepared: 08/26/2009 1249

Analysis Batch: 660-83806
Prep Batch: 660-83795

Instrument ID: Hg Analyzer
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
Mercury	98	102	80 - 120	4	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 660-83796

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 660-83796/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1510
Date Prepared: 08/26/2009 1259

Analysis Batch: 660-83806
Prep Batch: 660-83796
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Mercury	0.072	U	0.072	0.20

Lab Control Sample - Batch: 660-83796

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 660-83796/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1512
Date Prepared: 08/26/2009 1259

Analysis Batch: 660-83806
Prep Batch: 660-83796
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.957	96	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-83796

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 660-31233-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1520
Date Prepared: 08/26/2009 1259

Analysis Batch: 660-83806
Prep Batch: 660-83796

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

MSD Lab Sample ID: 660-31233-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1522
Date Prepared: 08/26/2009 1259

Analysis Batch: 660-83806
Prep Batch: 660-83796

Instrument ID: Hg Analyzer
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
Mercury	95	92	80 - 120	3	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 660-84138

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-84138/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1312
Date Prepared: N/A

Analysis Batch: 660-84138
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-84138

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-84138/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1341
Date Prepared: N/A

Analysis Batch: 660-84138
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.6	106	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-84138

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-31233-8
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 09/01/2009 2056
Date Prepared: N/A

Analysis Batch: 660-84138
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

MSD Lab Sample ID: 660-31233-8
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 09/01/2009 2125
Date Prepared: N/A

Analysis Batch: 660-84138
Prep Batch: N/A

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	108	109	90 - 110	1	30		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 660-83802

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-83802/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1209
Date Prepared: N/A

Analysis Batch: 660-83802
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

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

Lab Control Sample - Batch: 660-83802

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-83802/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1210
Date Prepared: N/A

Analysis Batch: 660-83802
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.474	95	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83802

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-31233-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1212
Date Prepared: N/A

Analysis Batch: 660-83802
Prep Batch: N/A

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

MSD Lab Sample ID: 660-31233-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 1214
Date Prepared: N/A

Analysis Batch: 660-83802
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
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	90	90 - 110	1	30	J3	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 660-83842

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-83842/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 0908
Date Prepared: N/A

Analysis Batch: 660-83842
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	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: 660-83842

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-83842/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/26/2009 0908
Date Prepared: N/A

Analysis Batch: 660-83842
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.954	95	90 - 110	
Nitrite as N	1.00	1.02	102	90 - 110	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83842

Method: 353.2
Preparation: N/A

MS Lab Sample ID:	660-31233-2	Analysis Batch: 660-83842	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/26/2009 0908		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-31233-2	Analysis Batch: 660-83842	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/26/2009 0908		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	104	98	90 - 110	6	30		
Nitrite as N	107	106	90 - 110	1	30		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Method Blank - Batch: 640-60179

Method: SM 2540C
Preparation: N/A

Lab Sample ID: MB 640-60179/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0852
Date Prepared: N/A

Analysis Batch: 640-60179
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

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

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-60179

Method: SM 2540C
Preparation: N/A

LCS Lab Sample ID: LCS 640-60179/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0852
Date Prepared: N/A

Analysis Batch: 640-60179
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 200 mL

LCSD Lab Sample ID: LCSD 640-60179/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0852
Date Prepared: N/A

Analysis Batch: 640-60179
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 200 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Dissolved Solids	97	101	80 - 120	4	25		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-1

Duplicate - Batch: 640-60179

Method: SM 2540C
Preparation: N/A

Lab Sample ID: 660-31216-A-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0852
Date Prepared: N/A

Analysis Batch: 640-60179
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	170	169	2	25	

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

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THE LEADER IN ENVIRONMENTAL TESTING

6060-31233

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS BLANK, EQUIPMENT

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 17:00

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: **BLANK, EQUIPMENT** SAMPLE MATRIX: **WATER** OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☐ A.Balloon ☐ D.Pannell

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-25-09 | 10:20

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: Amanda Harrison REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT'S: 620#0020

4.0°c CH07

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THE LEADER IN ENVIRONMENTAL TESTING

6060-31033

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS DUPLICATE SAMPLE

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 17W

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: **DUPLICATE** SAMPLE MATRIX: **WATER** OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION : ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-25-09 ____

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS
PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 4:00
ACCEPTED BY: Amanda Harrison REP. OF CONTRACT LAB. 8-25-09 4:00

COMMENT`S: 40 ft 0020

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6660-31233

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-22A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☑ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 27.90 Ft.
DEPTH TO WATER: 5.06 Ft.
LENGTH OF WATER COL: 22.84 Ft.
VOLUME TO PURGE: 3.6 Gal.
10.8

	DATE	TIME
PURGE STARTED:	8-25-09	10:35
PURGE RATE:	.50 GPM.	
PURGE ENDED:	8-25-09	11:06
ACT. VOL. PURGED:	15.5 GAL.	

31 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	10:56	24.55	278	6.80	0.25	35.4
AB	11:01	24.54	278	6.84	0.27	30.2
AB	11:06	24.55	278	6.87	0.28	29.7

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-25-09 | 31 min

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: Amanda Denison REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT`S: w0770020 WAC 19861

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6660-31733

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 | 1200

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-40 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 165.90 Ft.
DEPTH TO WATER: 88.65 Ft.
LENGTH OF WATER COL: 77.25 Ft.
VOLUME TO PURGE: 12.36 Gal.
37.08

	DATE	TIME
PURGE STARTED:	8-25-09	10:25
PURGE RATE:	1.0	GPM.
PURGE ENDED:	8-21-09	11:12
ACT. VOL. PURGED:	47	GAL.

47

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	11:02	23.74	340	6.64	0.25	3.4
AB	11:07	23.74	340	6.64	0.27	3.2
AB	11:12	23.74	340	6.64	0.29	2.7

= 8-27-09

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED	
DATE	TIME
8-25-09	11:12

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 _____ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: Amanda Harris REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT`S: -WOFF0020 WAC 822

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THE LEADER IN ENVIRONMENTAL TESTING

WCOD-31733

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/24/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-24-09 | 4:00

LOCATION: TH-57 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 26.83 Ft.
DEPTH TO WATER: 19.05 Ft.
LENGTH OF WATER COL: 7.78 Ft.
VOLUME TO PURGE: 1.2 Gal.
3.6

	DATE	TIME
PURGE STARTED:	8-23-09	11:38
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-23-09	12:06
ACT. VOL. PURGED:	5.6	GAL.

28 MIN

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	11:56	26.97	253	5.21	0.88	3.3
AB	12:01	26.97	255	5.21	0.86	2.7
AJ	12:06	26.96	257	5.25	0.84	3.9

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-25-09 | 12:06

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 N/A SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: Amanda Hanson REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT`S: WO#00020 WAC 1570

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6060-31233

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

		DATE	TIME
PRECLEANED SAMPLE CONTAINERS:			
RELINQUISHED BY:	REP. OF CONTRACT LAB.	8/4/1	1200
ACCEPTED BY:	REP. OF SOLID WASTE DEPT.	8-4-08	4:00

LOCATION: TH-28A SAMPLE MATRIX: WATER OTHER MATRIX: ____
PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☒ A.Balloon ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 34.30 Ft.
DEPTH TO WATER: 27.51 Ft.
LENGTH OF WATER COL: 6.79 Ft.
VOLUME TO PURGE: 1.0 Gal.
3.0

	DATE	TIME
PURGE STARTED:	8-25-09	11:47
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-25-09	12:12
ACT. VOL. PURGED:	7	GAL.

35 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	12:02	26.45	2.35	5.04	0.09	16.4
AB	12:07	26.46	236	5.04	0.10	16.1
AB	12:12	26.46	236	5.08	0.16	16.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED DATE	TIME
8-25-09	12:12

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 H2SO4 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:		DATE	TIME
RELINQUISHED BY:	REP. OF SOLID WASTE DEPT.	8-25-09	4:00
ACCEPTED BY: Amanda Stamm	REP. OF CONTRACT LAB.	8-25-09	4:00

COMMENT`S: WO#00020 WAC 19862

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THE LEADER IN ENVIRONMENTAL TESTING

COC00-31033

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

		DATE	TIME
RELINQUISHED BY:	REP. OF CONTRACT LAB.	8/4/9	12w
ACCEPTED BY:	REP. OF SOLID WASTE DEPT.	8-4.09	4:00

LOCATION: **TH-58** SAMPLE MATRIX: **WATER** OTHER MATRIX: ____
PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 32.92 Ft.
DEPTH TO WATER: 27.39 Ft.
LENGTH OF WATER COL: 5.33 Ft.
VOLUME TO PURGE: 5.8 Gal.
2.4

	DATE	TIME
PURGE STARTED:	8-25-09	1:09
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-25-09	1:31
ACT. VOL. PURGED:	4.4	GAL.

22 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	1:21	26.08	440	5.40	0.30	1.6
AB	1:26	26.09	441	5.39	0.33	1.2
AB	1:31	26.09	442	5.40	0.34	1.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED	
DATE	TIME
8-25-09	1:31

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

			DATE	TIME
ABOVE LISTED SAMPLES:				
RELINQUISHED BY:		REP. OF SOLID WASTE DEPT.	8-25-09	4:00
ACCEPTED BY:	Amanda Hamm	REP. OF CONTRACT LAB.	8-25-09	4:00

COMMENT`S: WO#00020 WAC 1571

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6160-31233

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/14/9 | 1705

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-19 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 153.60 Ft.
DEPTH TO WATER: 93.51 Ft.
LENGTH OF WATER COL: 60.09 Ft.
VOLUME TO PURGE: 9.6 Gal.
28.8

PURGE STARTED: DATE 8-25-09 | TIME 12:50
PURGE RATE: 1.0 GPM.
PURGE ENDED: DATE 8-25-09 | TIME 1:28
ACT. VOL. PURGED: 27 GAL.
27

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	1:18	23.60	421	6.57	0.31	1.3
AB	1:23	23.61	420	6.57	0.29	1.1
AB	1:28	23.61	420	6.57	0.30	1.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-25-09 | 1:28

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 Y/N/S SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 4:00
ACCEPTED BY: Amanda Hanes REP. OF CONTRACT LAB. 8-25-09 4:00

COMMENT`S: WO#00220 WAC 821

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

660-31233

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

BLANK, TRAVEL

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: [signature] REP. OF CONTRACT LAB. 8/4/09 | 1201

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: BLANK, TRAVEL SAMPLE MATRIX: WATER OTHER MATRIX: ______

PERSONAL ENGAGED IN SAMPLE COLLECTION: ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	COLLECTED TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	8-25-09	10:19

2 **TOTAL No. OF SAMPLES COLLECTED:**

ANALYSIS REQUESTED:

EPA 8260

PRESERVED SAMPLES PH < 2.0 Yes SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME

RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00

ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT'S: W0K0020

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THE LEADER IN ENVIRONMENTAL TESTING

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 160-31233 Logged in TALS By: Amanda Hanson

Cooler Received on (date) 8/25/09 And Opened By (full name): Charles Volz

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

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 4.0 Degrees Celsius CU-07

4. Number of H2SO4 (sulfuric acid) preserved containers: 8

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

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

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

6. Number of HNO3 (nitric acid) preserved containers: 8

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

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

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

8. Number of Unpreserved containers: 16

All containers pH between 6 and 8? NO If not please comment below:

TH-22A pH=5,5 EQB pH=5 (AFDI water)

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

If yes, which samples? _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31233-1

Login Number: 31233
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	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.0 degrees C CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31233-1

Login Number: 31233
Creator: Alsheimer, Carl
List Number: 1

List Source: TestAmerica Tallahassee
List Creation: 08/27/09 11:46 AM

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #:
WACS Testsite Name: Equipment Blank
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/25/2009 10:20:00AM
Sampling Method:
Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 1:55:00PM	0.58	0.58	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.57	0.57	ug/L	U
000940	Chloride	N	E84282	300	9/1/2009 4:06:00PM	0.2	0.2	mg/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	8/28/2009 8:52:00AM	5	5	mg/L	U
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 1:55:00PM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 1:55:00PM	0.5	0.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 1:55:00PM	0.5	0.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.9	0.9	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.63	0.63	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 1:55:00PM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 1:55:00PM	0.44	0.44	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 1:55:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 1:55:00PM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 1:55:00PM	0.85	0.85	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 1:55:00PM	0.5	0.5	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 1:55:00PM	2.5	2.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.58	0.58	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 1:55:00PM	1.2	1.2	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.52	0.52	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 1:55:00PM	9.9	9.9	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 1:55:00PM	0.45	0.45	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 1:55:00PM	3.8	3.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 1:55:00PM	4.4	4.4	ug/L	U
001037	Cobalt	N	E84282	6010B	8/28/2009 10:05:00AM	2	2	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 10:23:00PM	0.0041	0.0041	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 1:55:00PM	1.5	1.5	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 10:23:00PM	0.0025	0.0025	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 1:55:00PM	2.5	2.5	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.15	0.15	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.47	0.47	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 1:55:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 1:55:00PM	0.18	0.18	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.46	0.46	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 1:55:00PM	0.52	0.52	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 1:55:00PM	2.5	2.5	ug/L	U
001077	Silver	N	E84282	6010B	8/28/2009 10:05:00AM	1.1	1	ug/L	I
000929	Sodium	N	E84282	6010B	8/28/2009 10:05:00AM	0.53	0.31	mg/L	
001059	Thallium	N	E84282	6010B	8/28/2009 10:05:00AM	5	5	ug/L	U
001087	Vanadium	N	E84282	6010B	8/28/2009 10:05:00AM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	6010B	8/28/2009 10:05:00AM	5	5	ug/L	U
001067	Nickel	N	E84282	6010B	8/28/2009 10:05:00AM	2	2	ug/L	U
001012	Beryllium	N	E84282	6010B	8/28/2009 10:05:00AM	0.5	0.5	ug/L	U
001051	Lead	N	E84282	6010B	8/28/2009 10:05:00AM	2	2	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #:
WACS Testsite Name: Equipment Blank
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/25/2009 10:20:00AM
Sampling Method:
Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034311	Chloroethane	N	E84282	8260B	8/26/2009 1:55:00PM	2.5	2.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 1:55:00PM	1	1	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 1:55:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 1:55:00PM	0.14	0.14	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 1:55:00PM	0.51	0.51	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.34	0.34	ug/L	U
071900	Mercury	N	E84282	7470A	8/26/2009 2:26:00PM	0.084	0.072	ug/L	I
001097	Antimony	N	E84282	6010B	8/28/2009 10:05:00AM	4	4	ug/L	U
001042	Copper	N	E84282	6010B	8/28/2009 10:05:00AM	2.9	2.9	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 1:55:00PM	2.5	2.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 1:55:00PM	4	4	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 1:55:00PM	0.52	0.52	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 1:55:00PM	0.5	0.5	ug/L	U
001027	Cadmium	N	E84282	6010B	8/28/2009 10:05:00AM	1	1	ug/L	U
001147	Selenium	N	E84282	6010B	8/28/2009 10:05:00AM	5	5	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.1	0.1	mg/L	U
077596	Dibromomethane	N	E84282	8260B	8/26/2009 1:55:00PM	0.41	0.41	ug/L	U
001002	Arsenic	N	E84282	6010B	8/28/2009 10:05:00AM	4	4	ug/L	U
001007	Barium	N	E84282	6010B	8/28/2009 10:05:00AM	2	2	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 1:55:00PM	0.44	0.44	ug/L	U
001034	Chromium	N	E84282	6010B	8/28/2009 10:05:00AM	2	2	ug/L	U
077128	Styrene	N	E84282	8260B	8/26/2009 1:55:00PM	0.98	0.98	ug/L	U
001045	Iron	N	E84282	6010B	8/28/2009 10:05:00AM	50	50	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:15:00PM	0.15	0.01	mg/L	
081595	2-Butanone	N	E84282	8260B	8/26/2009 1:55:00PM	8.4	8.4	ug/L	U

Total Parameters Monitored: 69

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 0

WACS Testsite Name: Not Blank-DUP

Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 12:00:00AM

Sampling Method: Grab

Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.63	0.63	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 2:15:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 2:15:00PM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 2:15:00PM	8.4	8.4	ug/L	U
071900	Mercury	N	E84282	7470A	8/26/2009 2:28:00PM	0.072	0.072	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 2:15:00PM	0.42	0.42	ug/L	U
001045	Iron	N	E84282	6010B	8/28/2009 9:41:00AM	980	50	ug/L	
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 10:37:00PM	0.0041	0.0041	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 2:15:00PM	0.45	0.45	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 2:15:00PM	4.4	4.4	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 2:15:00PM	3.8	3.8	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 2:15:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 2:15:00PM	1.2	1.2	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 2:15:00PM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.58	0.58	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 10:37:00PM	0.0025	0.0025	ug/L	U
001087	Vanadium	N	E84282	6010B	8/28/2009 9:41:00AM	2.5	2.5	ug/L	U
001042	Copper	N	E84282	6010B	8/28/2009 9:41:00AM	2.9	2.9	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 2:15:00PM	0.63	0.63	ug/L	U
001051	Lead	N	E84282	6010B	8/28/2009 9:41:00AM	2	2	ug/L	U
001067	Nickel	N	E84282	6010B	8/28/2009 9:41:00AM	2	2	ug/L	U
001147	Selenium	N	E84282	6010B	8/28/2009 9:41:00AM	5	5	ug/L	U
001077	Silver	N	E84282	6010B	8/28/2009 9:41:00AM	1	1	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 2:15:00PM	0.44	0.44	ug/L	U
001059	Thallium	N	E84282	6010B	8/28/2009 9:41:00AM	5	5	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 2:15:00PM	0.18	0.18	ug/L	U
001092	Zinc	N	E84282	6010B	8/28/2009 9:41:00AM	11	5	ug/L	I
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 2:15:00PM	0.5	0.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.46	0.46	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 2:15:00PM	0.5	0.5	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.47	0.47	ug/L	U
000929	Sodium	N	E84282	6010B	8/28/2009 9:41:00AM	11	0.31	mg/L	
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 2:15:00PM	0.85	0.85	ug/L	U
001027	Cadmium	N	E84282	6010B	8/28/2009 9:41:00AM	1	1	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 2:15:00PM	2.5	2.5	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.15	0.15	ug/L	U
000940	Chloride	N	E84282	300	9/2/2009 5:12:00PM	48	0.8	mg/L	
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 2:15:00PM	0.44	0.44	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.41	0.41	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 2:15:00PM	2.5	2.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 2:15:00PM	4	4	ug/L	U
001002	Arsenic	N	E84282	6010B	8/28/2009 9:41:00AM	4	4	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Not Blank-DUP
Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 12:00:00AM
Sampling Method: Grab
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077128	Styrene	N	E84282	8260B	8/26/2009 2:15:00PM	0.98	0.98	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	8/28/2009 8:52:00AM	160	5	mg/L	
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.34	0.34	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 2:15:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 2:15:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	6010B	8/28/2009 9:41:00AM	2	2	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 2:15:00PM	1	1	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.9	0.9	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 2:15:00PM	2.5	2.5	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 2:15:00PM	0.5	0.5	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 2:15:00PM	0.51	0.51	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 2:15:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 2:15:00PM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 2:15:00PM	2.5	2.5	ug/L	U
001012	Beryllium	N	E84282	6010B	8/28/2009 9:41:00AM	0.5	0.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 2:15:00PM	2.5	2.5	ug/L	U
001007	Barium	N	E84282	6010B	8/28/2009 9:41:00AM	10	2	ug/L	
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 2:15:00PM	1.5	1.5	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 2:15:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 2:15:00PM	0.35	0.35	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:16:00PM	1.2	0.01	mg/L	
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.1	0.1	mg/L	U
001097	Antimony	N	E84282	6010B	8/28/2009 9:41:00AM	4	4	ug/L	U
001034	Chromium	N	E84282	6010B	8/28/2009 9:41:00AM	2	2	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 2:15:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 69

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 19861
WACS Testsite Name: TH-22A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 11:06:00AM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 2:36:00PM	0.5	0.5	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.47	0.47	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/25/2009 11:06:00AM	6.87		SU	
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 2:36:00PM	0.18	0.18	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 2:36:00PM	0.51	0.51	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 2:36:00PM	2.5	2.5	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 2:36:00PM	0.45	0.45	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.9	0.9	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/25/2009 11:06:00AM	24.55		Degrees C	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/25/2009 11:06:00AM	0.28		mg/L	
000094	Specific Conductance	N	E84282	DEP-SOP	8/25/2009 11:06:00AM	278		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	8/25/2009 11:06:00AM	29.7		NTU	
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 10:51:00PM	0.0026	0.0026	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 10:51:00PM	0.0042	0.0042	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.35	0.35	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.63	0.63	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.58	0.58	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 2:36:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.57	0.57	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.15	0.15	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 2:36:00PM	2.5	2.5	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 2:36:00PM	0.5	0.5	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 2:36:00PM	0.52	0.52	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 2:36:00PM	0.63	0.63	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.41	0.41	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 2:36:00PM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 2:36:00PM	0.65	0.65	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 2:36:00PM	0.58	0.58	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 2:36:00PM	2.5	2.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 2:36:00PM	1	1	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 2:36:00PM	0.44	0.44	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 2:36:00PM	0.5	0.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 2:36:00PM	0.14	0.14	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 2:36:00PM	0.85	0.85	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 2:36:00PM	2.5	2.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 2:36:00PM	4	4	ug/L	U
077128	Styrene	N	E84282	8260B	8/26/2009 2:36:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 2:36:00PM	0.5	0.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 2:36:00PM	0.44	0.44	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 2:36:00PM	1.5	1.5	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 2:36:00PM	2.5	2.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 2:36:00PM	0.42	0.42	ug/L	U
001002	Arsenic	N	E84282	6010B	8/28/2009 10:10:00AM	4	4	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 19861
WACS Testsite Name: TH-22A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 8/25/2009 11:06:00AM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 2:36:00PM	0.52	0.52	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 2:36:00PM	9.9	9.9	ug/L	U
001037	Cobalt	N	E84282	6010B	8/28/2009 10:10:00AM	2	2	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	8/28/2009 8:52:00AM	170	5	mg/L	
000940	Chloride	N	E84282	300	9/1/2009 5:04:00PM	25	0.4	mg/L	
000610	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:11:00PM	0.82	0.01	mg/L	J
001097	Antimony	N	E84282	6010B	8/28/2009 10:10:00AM	4	4	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.46	0.46	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 2:36:00PM	0.5	0.5	ug/L	U
001012	Beryllium	N	E84282	6010B	8/28/2009 10:10:00AM	0.5	0.5	ug/L	U
071900	Mercury	N	E84282	7470A	8/26/2009 2:31:00PM	0.072	0.072	ug/L	U
001034	Chromium	N	E84282	6010B	8/28/2009 10:10:00AM	7.2	2	ug/L	I
001147	Selenium	N	E84282	6010B	8/28/2009 10:10:00AM	5	5	ug/L	U
001042	Copper	N	E84282	6010B	8/28/2009 10:10:00AM	2.9	2.9	ug/L	U
001027	Cadmium	N	E84282	6010B	8/28/2009 10:10:00AM	1	1	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 2:36:00PM	4.4	4.4	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.1	0.1	mg/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 2:36:00PM	8.4	8.4	ug/L	U
001045	Iron	N	E84282	6010B	8/28/2009 10:10:00AM	480	50	ug/L	
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 2:36:00PM	3.8	3.8	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 2:36:00PM	1.2	1.2	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 2:36:00PM	0.52	0.52	ug/L	U
001077	Silver	N	E84282	6010B	8/28/2009 10:10:00AM	1	1	ug/L	U
000929	Sodium	N	E84282	6010B	8/28/2009 10:10:00AM	4.5	0.31	mg/L	
001059	Thallium	N	E84282	6010B	8/28/2009 10:10:00AM	5	5	ug/L	U
001087	Vanadium	N	E84282	6010B	8/28/2009 10:10:00AM	3.4	2.5	ug/L	I
001092	Zinc	N	E84282	6010B	8/28/2009 10:10:00AM	5	5	ug/L	U
001007	Barium	N	E84282	6010B	8/28/2009 10:10:00AM	82	2	ug/L	
001067	Nickel	N	E84282	6010B	8/28/2009 10:10:00AM	2	2	ug/L	U
001051	Lead	N	E84282	6010B	8/28/2009 10:10:00AM	2.5	2	ug/L	I

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 822
WACS Testsite Name: TH-40
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 11:12:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 3:16:00PM	0.44	0.44	ug/L	U
001042	Copper	N	E84282	6010B	8/28/2009 10:16:00AM	2.9	2.9	ug/L	U
001097	Antimony	N	E84282	6010B	8/28/2009 10:16:00AM	4	4	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 3:16:00PM	0.18	0.18	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 11:04:00PM	0.0042	0.0042	ug/L	U
001067	Nickel	N	E84282	6010B	8/28/2009 10:16:00AM	2	2	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.57	0.57	ug/L	U
001002	Arsenic	N	E84282	6010B	8/28/2009 10:16:00AM	4	4	ug/L	U
001007	Barium	N	E84282	6010B	8/28/2009 10:16:00AM	5.7	2	ug/L	I
001012	Beryllium	N	E84282	6010B	8/28/2009 10:16:00AM	0.5	0.5	ug/L	U
001027	Cadmium	N	E84282	6010B	8/28/2009 10:16:00AM	1	1	ug/L	U
001034	Chromium	N	E84282	6010B	8/28/2009 10:16:00AM	2	2	ug/L	U
001037	Cobalt	N	E84282	6010B	8/28/2009 10:16:00AM	2	2	ug/L	U
001045	Iron	N	E84282	6010B	8/28/2009 10:16:00AM	50	50	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 3:16:00PM	0.45	0.45	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 3:16:00PM	9.9	9.9	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.1	0.1	mg/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 3:16:00PM	0.85	0.85	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 3:16:00PM	4.4	4.4	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 3:16:00PM	3.8	3.8	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 3:16:00PM	2.5	2.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 3:16:00PM	1.2	1.2	ug/L	U
001147	Selenium	N	E84282	6010B	8/28/2009 10:16:00AM	5	5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.35	0.35	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 3:16:00PM	0.5	0.5	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.41	0.41	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.47	0.47	ug/L	U
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/25/2009 11:12:00AM	0.29		mg/L	
000094	Specific Conductance	N	E84282	DEP-SOP	8/25/2009 11:12:00AM	340		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	8/25/2009 11:12:00AM	2.7		NTU	
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 11:04:00PM	0.0026	0.0026	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 3:16:00PM	8.4	8.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 3:16:00PM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 3:16:00PM	0.52	0.52	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 3:16:00PM	0.58	0.58	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.34	0.34	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.9	0.9	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 3:16:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	8/28/2009 8:52:00AM	200	5	mg/L	
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 3:16:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 3:16:00PM	2.5	2.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 3:16:00PM	1	1	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 3:16:00PM	2.5	2.5	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 822
WACS Testsite Name: TH-40
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 11:12:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 3:16:00PM	0.14	0.14	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:17:00PM	0.36	0.01	mg/L	
034413	Bromomethane	N	E84282	8260B	8/26/2009 3:16:00PM	2.5	2.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.46	0.46	ug/L	U
071900	Mercury	N	E84282	7470A	8/26/2009 2:33:00PM	0.072	0.072	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/25/2009 11:12:00AM	6.64		SU	
000010	Field Temperature	N	E84282	DEP-SOP	8/25/2009 11:12:00AM	23.74		Degrees C	
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 3:16:00PM	0.42	0.42	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 3:16:00PM	0.65	0.65	ug/L	U
077128	Styrene	N	E84282	8260B	8/26/2009 3:16:00PM	0.98	0.98	ug/L	U
000929	Sodium	N	E84282	6010B	8/28/2009 10:16:00AM	17	0.31	mg/L	
001059	Thallium	N	E84282	6010B	8/28/2009 10:16:00AM	5	5	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 3:16:00PM	0.44	0.44	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.52	0.52	ug/L	U
001092	Zinc	N	E84282	6010B	8/28/2009 10:16:00AM	5	5	ug/L	U
001087	Vanadium	N	E84282	6010B	8/28/2009 10:16:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 3:16:00PM	0.14	0.14	ug/L	U
000940	Chloride	N	E84282	300	9/1/2009 5:33:00PM	9.4	0.8	mg/L	
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 3:16:00PM	4	4	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 3:16:00PM	0.5	0.5	ug/L	U
001051	Lead	N	E84282	6010B	8/28/2009 10:16:00AM	2	2	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 3:16:00PM	0.5	0.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 3:16:00PM	0.44	0.44	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 3:16:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 3:16:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 3:16:00PM	0.5	0.5	ug/L	U
001077	Silver	N	E84282	6010B	8/28/2009 10:16:00AM	1	1	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 3:16:00PM	2.5	2.5	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 3:16:00PM	0.15	0.15	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 1570
WACS Testsite Name: TH-57
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 12:06:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077128	Styrene	N	E84282	8260B	8/26/2009 3:37:00PM	0.98	0.98	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 11:18:00PM	0.0042	0.0042	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.63	0.63	ug/L	U
000094	Specific Conductance	N	E84282	DEP-SOP	8/25/2009 12:06:00PM	257		umhos/cm	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.15	0.15	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 3:37:00PM	4.4	4.4	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 3:37:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 3:37:00PM	0.18	0.18	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 3:37:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.57	0.57	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 3:37:00PM	4	4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 3:37:00PM	0.52	0.52	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.9	0.9	ug/L	U
001027	Cadmium	N	E84282	6010B	8/28/2009 10:34:00AM	1	1	ug/L	U
001012	Beryllium	N	E84282	6010B	8/28/2009 10:34:00AM	0.5	0.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 3:37:00PM	0.5	0.5	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 3:37:00PM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 3:37:00PM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 3:37:00PM	0.44	0.44	ug/L	U
001067	Nickel	N	E84282	6010B	8/28/2009 10:34:00AM	2	2	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 3:37:00PM	0.5	0.5	ug/L	U
001051	Lead	N	E84282	6010B	8/28/2009 10:34:00AM	2	2	ug/L	U
001059	Thallium	N	E84282	6010B	8/28/2009 10:34:00AM	5	5	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 3:37:00PM	2.5	2.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 3:37:00PM	2.5	2.5	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 3:37:00PM	3.8	3.8	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 3:37:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 3:37:00PM	1.2	1.2	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 3:37:00PM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 3:37:00PM	0.58	0.58	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 3:37:00PM	0.85	0.85	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 11:18:00PM	0.0026	0.0026	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 3:37:00PM	0.63	0.63	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/25/2009 12:06:00PM	3.9		NTU	
034418	Chloromethane	N	E84282	8260B	8/26/2009 3:37:00PM	1	1	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 3:37:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 3:37:00PM	0.14	0.14	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 3:37:00PM	2.5	2.5	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/25/2009 12:06:00PM	26.96		Degrees C	
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.34	0.34	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.47	0.47	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 1570
WACS Testsite Name: TH-57
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 12:06:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001045	Iron	N	E84282	6010B	8/28/2009 10:34:00AM	1100	50	ug/L	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/25/2009 12:06:00PM	0.84		mg/L	
001034	Chromium	N	E84282	6010B	8/28/2009 10:34:00AM	2	2	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 3:37:00PM	0.42	0.42	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 3:37:00PM	1.5	1.5	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 3:37:00PM	8.4	8.4	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.46	0.46	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 3:37:00PM	2.5	2.5	ug/L	U
001002	Arsenic	N	E84282	6010B	8/28/2009 10:34:00AM	4	4	ug/L	U
001147	Selenium	N	E84282	6010B	8/28/2009 10:34:00AM	5	5	ug/L	U
001077	Silver	N	E84282	6010B	8/28/2009 10:34:00AM	1	1	ug/L	U
000929	Sodium	N	E84282	6010B	8/28/2009 10:34:00AM	12	0.31	mg/L	
071900	Mercury	N	E84282	7470A	8/26/2009 2:35:00PM	0.072	0.072	ug/L	U
001092	Zinc	N	E84282	6010B	8/28/2009 10:34:00AM	36	5	ug/L	
001042	Copper	N	E84282	6010B	8/28/2009 10:34:00AM	16	2.9	ug/L	
001007	Barium	N	E84282	6010B	8/28/2009 10:34:00AM	12	2	ug/L	
001037	Cobalt	N	E84282	6010B	8/28/2009 10:34:00AM	2	2	ug/L	U
001097	Antimony	N	E84282	6010B	8/28/2009 10:34:00AM	4	4	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/25/2009 12:06:00PM	5.25		SU	
000610	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:18:00PM	1.1	0.01	mg/L	
077596	Dibromomethane	N	E84282	8260B	8/26/2009 3:37:00PM	0.41	0.41	ug/L	U
000940	Chloride	N	E84282	300	9/2/2009 5:41:00PM	47	0.8	mg/L	
070300	Total Dissolved Solids	N	E81005	SM 2540C	8/28/2009 8:52:00AM	150	5	mg/L	
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 3:37:00PM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 3:37:00PM	0.5	0.5	ug/L	U
001087	Vanadium	N	E84282	6010B	8/28/2009 10:34:00AM	2.5	2.5	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 3:37:00PM	0.51	0.51	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 3:37:00PM	0.52	0.52	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.1	0.1	mg/L	U
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 3:37:00PM	0.44	0.44	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 19862
WACS Testsite Name: TH-28A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 12:12:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001007	Barium	N	E84282	6010B	8/28/2009 10:40:00AM	4.5	2	ug/L	I
001012	Beryllium	N	E84282	6010B	8/28/2009 10:40:00AM	0.5	0.5	ug/L	U
001027	Cadmium	N	E84282	6010B	8/28/2009 10:40:00AM	1	1	ug/L	U
001034	Chromium	N	E84282	6010B	8/28/2009 10:40:00AM	2.4	2	ug/L	I
001037	Cobalt	N	E84282	6010B	8/28/2009 10:40:00AM	2	2	ug/L	U
001042	Copper	N	E84282	6010B	8/28/2009 10:40:00AM	2.9	2.9	ug/L	U
001051	Lead	N	E84282	6010B	8/28/2009 10:40:00AM	2	2	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.57	0.57	ug/L	U
001092	Zinc	N	E84282	6010B	8/28/2009 10:40:00AM	6.4	5	ug/L	I
001147	Selenium	N	E84282	6010B	8/28/2009 10:40:00AM	5	5	ug/L	U
001097	Antimony	N	E84282	6010B	8/28/2009 10:40:00AM	4	4	ug/L	U
001002	Arsenic	N	E84282	6010B	8/28/2009 10:40:00AM	4	4	ug/L	U
001067	Nickel	N	E84282	6010B	8/28/2009 10:40:00AM	2	2	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.15	0.15	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 3:57:00PM	0.52	0.52	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 3:57:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 3:57:00PM	0.18	0.18	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 3:57:00PM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.52	0.52	ug/L	U
001077	Silver	N	E84282	6010B	8/28/2009 10:40:00AM	1	1	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 3:57:00PM	0.5	0.5	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.63	0.63	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 3:57:00PM	0.52	0.52	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 11:31:00PM	0.0042	0.0042	ug/L	U
077128	Styrene	N	E84282	8260B	8/26/2009 3:57:00PM	0.98	0.98	ug/L	U
000940	Chloride	N	E84282	300	9/2/2009 6:10:00PM	46	0.8	mg/L	
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.47	0.47	ug/L	U
000929	Sodium	N	E84282	6010B	8/28/2009 10:40:00AM	16	0.31	mg/L	
001059	Thallium	N	E84282	6010B	8/28/2009 10:40:00AM	5	5	ug/L	U
001087	Vanadium	N	E84282	6010B	8/28/2009 10:40:00AM	2.5	2.5	ug/L	U
071900	Mercury	N	E84282	7470A	8/26/2009 2:37:00PM	0.072	0.072	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/25/2009 12:12:00PM	5.08		SU	
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.34	0.34	ug/L	U
001045	Iron	N	E84282	6010B	8/28/2009 10:40:00AM	2700	50	ug/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 3:57:00PM	0.44	0.44	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/26/2009 3:57:00PM	2.5	2.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 3:57:00PM	2.5	2.5	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.1	0.1	mg/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 3:57:00PM	4	4	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 3:57:00PM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 3:57:00PM	0.5	0.5	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:20:00PM	1.4	0.01	mg/L	
032106	Trichloromethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.9	0.9	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 3:57:00PM	1.5	1.5	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 9/15/2009
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09/15/2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 19862
WACS Testsite Name: TH-28A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 12:12:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 3:57:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 3:57:00PM	0.5	0.5	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	8/28/2009 8:52:00AM	150	5	mg/L	
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 3:57:00PM	0.14	0.14	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.35	0.35	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 11:31:00PM	0.0026	0.0026	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 3:57:00PM	0.51	0.51	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 3:57:00PM	4.4	4.4	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.58	0.58	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 3:57:00PM	1.2	1.2	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 3:57:00PM	3.8	3.8	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 3:57:00PM	0.63	0.63	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 3:57:00PM	9.9	9.9	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 3:57:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 3:57:00PM	2.5	2.5	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 3:57:00PM	0.65	0.65	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 3:57:00PM	0.42	0.42	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/25/2009 12:12:00PM	26.46		Degrees C	
078124	Benzene	N	E84282	8260B	8/26/2009 3:57:00PM	0.5	0.5	ug/L	U
000094	Specific Conductance	N	E84282	DEP-SOP	8/25/2009 12:12:00PM	236		umhos/cm	
034311	Chloroethane	N	E84282	8260B	8/26/2009 3:57:00PM	2.5	2.5	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/25/2009 12:12:00PM	16		NTU	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/25/2009 12:12:00PM	0.16		mg/L	
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 3:57:00PM	0.44	0.44	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.41	0.41	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 3:57:00PM	0.85	0.85	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 3:57:00PM	0.46	0.46	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 3:57:00PM	0.14	0.14	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 3:57:00PM	8.4	8.4	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 3:57:00PM	1	1	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 1571

WACS Testsite Name: TH-58

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 1:31:00PM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.47	0.47	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 11:46:00PM	0.0025	0.0025	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 4:18:00PM	1.2	1.2	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 4:18:00PM	0.5	0.5	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.15	0.15	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 4:18:00PM	9.9	9.9	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 4:18:00PM	0.85	0.85	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 4:18:00PM	4.4	4.4	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 4:18:00PM	0.42	0.42	ug/L	U
001067	Nickel	N	E84282	6010B	8/28/2009 10:46:00AM	2	2	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/25/2009 1:31:00PM	1.1		NTU	
000094	Specific Conductance	N	E84282	DEP-SOP	8/25/2009 1:31:00PM	442		umhos/cm	
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.52	0.52	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 4:18:00PM	0.14	0.14	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 11:46:00PM	0.0041	0.0041	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 4:18:00PM	2.5	2.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 4:18:00PM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/26/2009 4:18:00PM	8.4	8.4	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 4:18:00PM	2.5	2.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/26/2009 4:18:00PM	1	1	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 4:18:00PM	0.65	0.65	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 4:18:00PM	0.51	0.51	ug/L	U
001051	Lead	N	E84282	6010B	8/28/2009 10:46:00AM	2	2	ug/L	U
000940	Chloride	N	E84282	300	9/1/2009 7:58:00PM	44	0.8	mg/L	
070300	Total Dissolved Solids	N	E81005	SM 2540C	8/28/2009 8:52:00AM	250	5	mg/L	
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 4:18:00PM	0.45	0.45	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 4:18:00PM	0.5	0.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/26/2009 4:18:00PM	0.5	0.5	ug/L	U
001087	Vanadium	N	E84282	6010B	8/28/2009 10:46:00AM	10	2.5	ug/L	
032106	Trichloromethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.9	0.9	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.57	0.57	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 4:18:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 4:18:00PM	0.18	0.18	ug/L	U
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/25/2009 1:31:00PM	0.34		mg/L	
001037	Cobalt	N	E84282	6010B	8/28/2009 10:46:00AM	2	2	ug/L	U
001092	Zinc	N	E84282	6010B	8/28/2009 10:46:00AM	5	5	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 4:18:00PM	0.58	0.58	ug/L	U
001059	Thallium	N	E84282	6010B	8/28/2009 10:46:00AM	5	5	ug/L	U
001097	Antimony	N	E84282	6010B	8/28/2009 10:46:00AM	4	4	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.34	0.34	ug/L	U
001007	Barium	N	E84282	6010B	8/28/2009 10:46:00AM	21	2	ug/L	
001012	Beryllium	N	E84282	6010B	8/28/2009 10:46:00AM	0.5	0.5	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 1571
WACS Testsite Name: TH-58
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 8/25/2009 1:31:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 4:18:00PM	0.14	0.14	ug/L	U
001034	Chromium	N	E84282	6010B	8/28/2009 10:46:00AM	3	2	ug/L	I
077424	Iodomethane	N	E84282	8260B	8/26/2009 4:18:00PM	2.5	2.5	ug/L	U
001042	Copper	N	E84282	6010B	8/28/2009 10:46:00AM	2.9	2.9	ug/L	U
001045	Iron	N	E84282	6010B	8/28/2009 10:46:00AM	5300	50	ug/L	
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.22	0.1	mg/L	I
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 4:18:00PM	0.52	0.52	ug/L	U
071900	Mercury	N	E84282	7470A	8/26/2009 3:17:00PM	0.072	0.072	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.46	0.46	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 4:18:00PM	0.44	0.44	ug/L	U
001027	Cadmium	N	E84282	6010B	8/28/2009 10:46:00AM	1	1	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 4:18:00PM	0.44	0.44	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/25/2009 1:31:00PM	5.4		SU	
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 4:18:00PM	3.8	3.8	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 4:18:00PM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 4:18:00PM	2.5	2.5	ug/L	U
000929	Sodium	N	E84282	6010B	8/28/2009 10:46:00AM	29	0.31	mg/L	
001077	Silver	N	E84282	6010B	8/28/2009 10:46:00AM	1	1	ug/L	U
001147	Selenium	N	E84282	6010B	8/28/2009 10:46:00AM	5	5	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.63	0.63	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 4:18:00PM	0.63	0.63	ug/L	U
001002	Arsenic	N	E84282	6010B	8/28/2009 10:46:00AM	28	4	ug/L	
077596	Dibromomethane	N	E84282	8260B	8/26/2009 4:18:00PM	0.41	0.41	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 4:18:00PM	2.5	2.5	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 4:18:00PM	0.5	0.5	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:21:00PM	0.67	0.01	mg/L	
077128	Styrene	N	E84282	8260B	8/26/2009 4:18:00PM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 4:18:00PM	4	4	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/25/2009 1:31:00PM	26.09		Degrees C	
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 4:18:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 821
WACS Testsite Name: TH-19
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 1:28:00PM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	8/26/2009 4:58:00PM	2.5	2.5	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/25/2009 1:28:00PM	1		NTU	
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.47	0.47	ug/L	U
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/25/2009 1:28:00PM	0.3		mg/L	
081595	2-Butanone	N	E84282	8260B	8/26/2009 4:58:00PM	8.4	8.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/26/2009 4:58:00PM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/26/2009 4:58:00PM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/26/2009 4:58:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/26/2009 4:58:00PM	0.18	0.18	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/26/2009 4:58:00PM	2.5	1.2	ug/L	I
034496	1,1-Dichloroethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.52	0.52	ug/L	U
001051	Lead	N	E84282	6010B	8/28/2009 10:52:00AM	2	2	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.15	0.15	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.46	0.46	ug/L	U
078124	Benzene	N	E84282	8260B	8/26/2009 4:58:00PM	0.5	0.5	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/26/2009 4:58:00PM	4.4	4.4	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/26/2009 4:58:00PM	0.63	0.63	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/26/2009 4:58:00PM	3.8	3.8	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/26/2009 4:58:00PM	0.85	0.85	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/26/2009 4:58:00PM	2.5	2.5	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/1/2009 11:59:00PM	0.0042	0.0042	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.35	0.35	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/1/2009 11:59:00PM	0.0026	0.0026	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.58	0.58	ug/L	U
071900	Mercury	N	E84282	7470A	8/26/2009 3:24:00PM	0.072	0.072	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/26/2009 4:58:00PM	2.5	2.5	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/26/2009 4:58:00PM	0.45	0.45	ug/L	U
000094	Specific Conductance	N	E84282	DEP-SOP	8/25/2009 1:28:00PM	420		umhos/cm	
034418	Chloromethane	N	E84282	8260B	8/26/2009 4:58:00PM	1	1	ug/L	U
032104	Bromoform	N	E84282	8260B	8/26/2009 4:58:00PM	0.58	0.58	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/26/2009 4:58:00PM	2.5	2.5	ug/L	U
001037	Cobalt	N	E84282	6010B	8/28/2009 10:52:00AM	2	2	ug/L	U
077128	Styrene	N	E84282	8260B	8/26/2009 4:58:00PM	0.98	0.98	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/25/2009 1:28:00PM	6.57		SU	
001042	Copper	N	E84282	6010B	8/28/2009 10:52:00AM	2.9	2.9	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/26/2009 4:58:00PM	4	4	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	8/26/2009 12:22:00PM	0.35	0.01	mg/L	
034475	Tetrachloroethene	N	E84282	8260B	8/26/2009 4:58:00PM	0.5	0.5	ug/L	U
034010	Toluene	N	E84282	8260B	8/26/2009 4:58:00PM	0.51	0.51	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/26/2009 4:58:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 4:58:00PM	0.14	0.14	ug/L	U
001059	Thallium	N	E84282	6010B	8/28/2009 10:52:00AM	5	5	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 821
WACS Testsite Name: TH-19
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 1:28:00PM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
039180	Trichloroethene	N	E84282	8260B	8/26/2009 4:58:00PM	0.5	0.5	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	8/28/2009 8:52:00AM	260	5	mg/L	
000940	Chloride	N	E84282	300	9/1/2009 8:27:00PM	8.6	0.8	mg/L	
081551	Xylenes, Total	N	E84282	8260B	8/26/2009 4:58:00PM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/26/2009 4:58:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/26/2009 4:58:00PM	1.5	1.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.9	0.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/26/2009 4:58:00PM	2.5	2.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 4:58:00PM	0.44	0.44	ug/L	U
001027	Cadmium	N	E84282	6010B	8/28/2009 10:52:00AM	1	1	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/26/2009 4:58:00PM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.34	0.34	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/26/2009 4:58:00PM	0.41	0.41	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/26/2009 4:58:00PM	0.42	0.42	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/26/2009 9:08:00AM	0.1	0.1	mg/L	U
001097	Antimony	N	E84282	6010B	8/28/2009 10:52:00AM	4	4	ug/L	U
001002	Arsenic	N	E84282	6010B	8/28/2009 10:52:00AM	4	4	ug/L	U
081552	Acetone	N	E84282	8260B	8/26/2009 4:58:00PM	9.9	9.9	ug/L	U
001012	Beryllium	N	E84282	6010B	8/28/2009 10:52:00AM	0.5	0.5	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/25/2009 1:28:00PM	23.61		Degrees C	
001087	Vanadium	N	E84282	6010B	8/28/2009 10:52:00AM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	6010B	8/28/2009 10:52:00AM	5	5	ug/L	U
001045	Iron	N	E84282	6010B	8/28/2009 10:52:00AM	50	50	ug/L	U
001034	Chromium	N	E84282	6010B	8/28/2009 10:52:00AM	2	2	ug/L	U
001067	Nickel	N	E84282	6010B	8/28/2009 10:52:00AM	2	2	ug/L	U
001147	Selenium	N	E84282	6010B	8/28/2009 10:52:00AM	5	5	ug/L	U
001077	Silver	N	E84282	6010B	8/28/2009 10:52:00AM	1	1	ug/L	U
000929	Sodium	N	E84282	6010B	8/28/2009 10:52:00AM	14	0.31	mg/L	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/26/2009 4:58:00PM	0.65	0.65	ug/L	U
001007	Barium	N	E84282	6010B	8/28/2009 10:52:00AM	5.5	2	ug/L	I

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #:
WACS Testsite Name: Trip Blank
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/25/2009 10:19:00AM
Sampling Method:
Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 8:18:00PM	2.5	2.5	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.15	0.15	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.9	0.9	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/27/2009 8:18:00PM	8.4	8.4	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.47	0.47	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 8:18:00PM	0.5	0.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 8:18:00PM	2.5	2.5	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/27/2009 8:18:00PM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 8:18:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 8:18:00PM	0.42	0.42	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 8:18:00PM	0.5	0.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 8:18:00PM	1.2	1.2	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 8:18:00PM	1	1	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.46	0.46	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/27/2009 8:18:00PM	0.5	0.5	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 8:18:00PM	9.9	9.9	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 8:18:00PM	2.5	2.5	ug/L	U
078124	Benzene	N	E84282	8260B	8/27/2009 8:18:00PM	0.5	0.5	ug/L	U
032104	Bromoform	N	E84282	8260B	8/27/2009 8:18:00PM	0.58	0.58	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.35	0.35	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 8:18:00PM	0.85	0.85	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 8:18:00PM	0.44	0.44	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 8:18:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 8:18:00PM	0.18	0.18	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 8:18:00PM	0.44	0.44	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 8:18:00PM	0.52	0.52	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 8:18:00PM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 8:18:00PM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	8/27/2009 8:18:00PM	0.51	0.51	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 8:18:00PM	1.5	1.5	ug/L	U
077128	Styrene	N	E84282	8260B	8/27/2009 8:18:00PM	0.98	0.98	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.57	0.57	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/27/2009 8:18:00PM	2.5	2.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 8:18:00PM	0.52	0.52	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.41	0.41	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 8:18:00PM	0.52	0.52	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 8:18:00PM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 8:18:00PM	0.65	0.65	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 8:18:00PM	3.8	3.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 8:18:00PM	4.4	4.4	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 8:18:00PM	4	4	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
Sample Date/Time: 8/25/2009 10:19:00AM
WACS Testsite ID #:
Sampling Method:
WACS Testsite Name: Trip Blank
Permitted
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N):

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 8:18:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 45

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

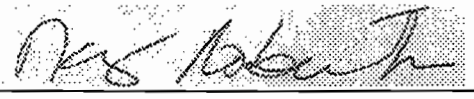
ANALYTICAL REPORT

Job Number: 660-31254-1

Job Description: SELF Monitoring Program

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
9/15/2009 5:41 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
09/15/2009

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Tallahassee 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-J31254-1

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

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Na in batch 84028 were outside control limits. The sample was greater than 4x the spike level. The associated laboratory control sample (LCS) met acceptance criteria.

General Chemistry
Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 84070 were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

Method 353.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 83905 were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31254-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31254-1EB	**EQUIPMENT BLANK**					
Ammonia (as N)		0.14		0.020	mg/L	350.1
Total Recoverable						
Sodium		0.51		0.50	mg/L	6010B
660-31254-2FD	**NOT BLANK-DUP**					
Chloride		3.5		1.0	mg/L	300.0
Ammonia (as N)		0.11		0.020	mg/L	350.1
Nitrate as N		0.21	I	0.50	mg/L	353.2
Total Dissolved Solids		120		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		15		10	ug/L	6010B
Chromium		2.5	I	10	ug/L	6010B
Iron		52	I	200	ug/L	6010B
Lead		2.1	I	10	ug/L	6010B
Sodium		3.8		0.50	mg/L	6010B
Vanadium		180		10	ug/L	6010B
660-31254-3	**TH-69A**					
Field pH		6.31			SU	Field Sampling
Field Temperature		23.91			Degrees C	Field Sampling
Oxygen, Dissolved		0.78			mg/L	Field Sampling
Specific Conductance		648			umhos/cm	Field Sampling
Turbidity		2.2			NTU	Field Sampling
Chloride		46		2.5	mg/L	300.0
Ammonia (as N)		1.2		0.020	mg/L	350.1
Total Dissolved Solids		420		10	mg/L	SM 2540C
Total Recoverable						
Barium		5.1	I	10	ug/L	6010B
Iron		7300		200	ug/L	6010B
Sodium		13		0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31254-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31254-4	**TH-70A**					
Mercury		0.084	I	0.20	ug/L	7470A
Field pH		6.44			SU	Field Sampling
Field Temperature		23.66			Degrees C	Field Sampling
Oxygen, Dissolved		0.16			mg/L	Field Sampling
Specific Conductance		388			umhos/cm	Field Sampling
Turbidity		6.7			NTU	Field Sampling
Chloride		21		1.0	mg/L	300.0
Ammonia (as N)		0.96		0.020	mg/L	350.1
Total Dissolved Solids		200		5.0	mg/L	SM 2540C
Total Recoverable						
Arsenic		9.2	I	10	ug/L	6010B
Barium		8.4	I	10	ug/L	6010B
Iron		27000		200	ug/L	6010B
Sodium		6.6		0.50	mg/L	6010B
660-31254-5	**TH-71A**					
Field pH		6.38			SU	Field Sampling
Field Temperature		24.55			Degrees C	Field Sampling
Oxygen, Dissolved		0.24			mg/L	Field Sampling
Specific Conductance		750			umhos/cm	Field Sampling
Turbidity		6.1			NTU	Field Sampling
Chloride		14		2.5	mg/L	300.0
Ammonia (as N)		1.8		0.020	mg/L	350.1
Total Dissolved Solids		550		10	mg/L	SM 2540C
Total Recoverable						
Arsenic		4.4	I	10	ug/L	6010B
Barium		20		10	ug/L	6010B
Chromium		2.2	I	10	ug/L	6010B
Iron		21000		200	ug/L	6010B
Nickel		4.0	I	8.0	ug/L	6010B
Sodium		4.2		0.50	mg/L	6010B
Vanadium		2.6	I	10	ug/L	6010B
Zinc		5.8	I	20	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31254-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31254-6	**TH-36-A**					
Acrylonitrile		2.4	I	100	ug/L	8260B
Field pH		5.80			SU	Field Sampling
Field Temperature		25.20			Degrees C	Field Sampling
Oxygen, Dissolved		0.81			mg/L	Field Sampling
Specific Conductance		161			umhos/cm	Field Sampling
Turbidity		26.1			NTU	Field Sampling
Chloride		3.2		1.0	mg/L	300.0
Ammonia (as N)		0.11		0.020	mg/L	350.1
Nitrate as N		0.22	I	0.50	mg/L	353.2
Total Dissolved Solids		110		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		16		10	ug/L	6010B
Chromium		3.5	I	10	ug/L	6010B
Iron		94	I	200	ug/L	6010B
Lead		2.6	I	10	ug/L	6010B
Sodium		4.1		0.50	mg/L	6010B
Vanadium		160		10	ug/L	6010B
Zinc		12	I	20	ug/L	6010B
660-31254-7	**TH-68**					
Mercury		0.12	I	0.20	ug/L	7470A
Field pH		5.78			SU	Field Sampling
Field Temperature		27.17			Degrees C	Field Sampling
Oxygen, Dissolved		1.23			mg/L	Field Sampling
Specific Conductance		273			umhos/cm	Field Sampling
Turbidity		14.8			NTU	Field Sampling
Chloride		21		2.0	mg/L	300.0
Ammonia (as N)		0.30		0.020	mg/L	350.1
Total Dissolved Solids		210		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		17		10	ug/L	6010B
Chromium		3.6	I	10	ug/L	6010B
Iron		560		200	ug/L	6010B
Sodium		7.2		0.50	mg/L	6010B
Vanadium		3.9	I	10	ug/L	6010B
Zinc		19	I	20	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31254-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31254-8	**TH-64**					
Mercury		0.093	I	0.20	ug/L	7470A
Field pH		5.10			SU	Field Sampling
Field Temperature		25.82			Degrees C	Field Sampling
Oxygen, Dissolved		0.48			mg/L	Field Sampling
Specific Conductance		378			umhos/cm	Field Sampling
Turbidity		4.0			NTU	Field Sampling
Chloride		45		2.0	mg/L	300.0
Ammonia (as N)		0.33		0.020	mg/L	350.1
Total Dissolved Solids		260		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		38		10	ug/L	6010B
Iron		620		200	ug/L	6010B
Sodium		11		0.50	mg/L	6010B
Vanadium		4.1	I	10	ug/L	6010B
660-31254-9	**61 A**					
Mercury		0.081	I	0.20	ug/L	7470A
Field pH		5.91			SU	Field Sampling
Field Temperature		26.62			Degrees C	Field Sampling
Oxygen, Dissolved		2.30			mg/L	Field Sampling
Specific Conductance		162			umhos/cm	Field Sampling
Turbidity		26.3			NTU	Field Sampling
Chloride		4.9		1.0	mg/L	300.0
Ammonia (as N)		0.16		0.020	mg/L	350.1
Nitrate as N		0.26	I	0.50	mg/L	353.2
Total Dissolved Solids		110		5.0	mg/L	SM 2540C
Total Recoverable						
Antimony		5.7	I	20	ug/L	6010B
Barium		61		10	ug/L	6010B
Cadmium		1.4	I	4.0	ug/L	6010B
Chromium		6.1	I	10	ug/L	6010B
Iron		75	I	200	ug/L	6010B
Lead		3.0	I	10	ug/L	6010B
Nickel		2.2	I	8.0	ug/L	6010B
Sodium		3.3		0.50	mg/L	6010B
Vanadium		180		10	ug/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-31254-1

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 TAL	EPA 8011	
Microextraction	TAL TAL		SW846 8011
Metals (ICP)	TAL TAM	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL TAM		SW846 3005A
Mercury (CVAA)	TAL TAM	SW846 7470A	
Preparation, Mercury	TAL TAM		SW846 7470A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrate	TAL TAM	MCAWW 353.2	
Solids, Total Dissolved (TDS)	TAL TAL	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

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: Hillsborough County

Job Number: 660-31254-1

Method	Analyst	Analyst ID
SW846 8260B	Perrin, Todd	TP
EPA 8011	Kelly, Cheryl A	CAK
SW846 6010B	Fox, Greg	GF
SW846 7470A	Canales, Richard	RC
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Petterson, Alyssa	AP
MCAWW 350.1	Mathew, Pinky	PM
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2540C	Office, Trey	TO

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-31254-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-31254-1EB	Equipment Blank	Water	08/26/2009 1246	08/26/2009 1530
660-31254-2FD	Not Blank-DUP	Water	08/26/2009 0000	08/26/2009 1530
660-31254-3	TH-69A	Water	08/26/2009 1033	08/26/2009 1530
660-31254-4	TH-70A	Water	08/26/2009 1122	08/26/2009 1530
660-31254-5	TH-71A	Water	08/26/2009 1203	08/26/2009 1530
660-31254-6	TH-36-A	Water	08/26/2009 1238	08/26/2009 1530
660-31254-7	TH-68	Water	08/26/2009 1320	08/26/2009 1530
660-31254-8	TH-64	Water	08/26/2009 1346	08/26/2009 1530
660-31254-9	61 A	Water	08/26/2009 1416	08/26/2009 1530
660-31254-10TB	Travel Blank	Water	08/26/2009 1020	08/26/2009 1530

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31254-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31254-1

Date Sampled: 08/26/2009 1246
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 1452		
Prep Method: 5030B			Date Prepared:	08/27/2009 1452		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31254-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31254-1

Date Sampled: 08/26/2009 1246
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	100		%		70 - 130	
Dibromofluoromethane	96		%		70 - 130	
Toluene-d8 (Surr)	103		%		70 - 130	
Method: 8011			Date Analyzed:	09/09/2009 1526		
Prep Method: 8011			Date Prepared:	09/08/2009 1230		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	09/02/2009 1153		
Prep Method: 3005A			Date Prepared:	09/01/2009 0807		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	2.0	U	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	0.51		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/27/2009 1339		
Prep Method: 7470A			Date Prepared:	08/27/2009 0955		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/04/2009 1806		
Chloride	0.20	U	mg/L	0.20	0.50	1.0

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Job Number: 660-31254-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31254-1

Date Sampled: 08/26/2009 1246
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		09/01/2009 1216	
Ammonia (as N)	0.14		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/27/2009 0913	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		09/01/2009 0928	
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0

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Job Number: 660-31254-1

Client Sample ID: Not Blank-DUP
Lab Sample ID: 660-31254-2

Date Sampled: 08/26/2009 0000
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 1512		
Prep Method: 5030B			Date Prepared:	08/27/2009 1512		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31254-1

Client Sample ID: Not Blank-DUP
Lab Sample ID: 660-31254-2

Date Sampled: 08/26/2009 0000
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	112		%		70 - 130	
Toluene-d8 (Surr)	104		%		70 - 130	
Method: 8011			Date Analyzed:	09/09/2009 1539		
Prep Method: 8011			Date Prepared:	09/08/2009 1230		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	09/02/2009 1158		
Prep Method: 3005A			Date Prepared:	09/01/2009 0807		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	15		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.5	I	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	52	I	ug/L	50	200	1.0
Lead	2.1	I	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	3.8		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	180		ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/27/2009 1341		
Prep Method: 7470A			Date Prepared:	08/27/2009 0955		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/04/2009 1835		
Chloride	3.5		mg/L	0.40	1.0	2.0

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Job Number: 660-31254-1

Client Sample ID: Not Blank-DUP
Lab Sample ID: 660-31254-2

Date Sampled: 08/26/2009 0000
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		09/01/2009 1217	
Ammonia (as N)	0.11		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/27/2009 0913	
Nitrate as N	0.21	I	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		09/01/2009 0928	
Total Dissolved Solids	120		mg/L	5.0	5.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-69A
Lab Sample ID: 660-31254-3

Date Sampled: 08/26/2009 1033
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 1533		
Prep Method: 5030B			Date Prepared:	08/27/2009 1533		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-69A
Lab Sample ID: 660-31254-3

Date Sampled: 08/26/2009 1033
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	105		%		70 - 130	
Dibromofluoromethane	109		%		70 - 130	
Toluene-d8 (Surr)	103		%		70 - 130	
Method: 8011			Date Analyzed:	09/09/2009 1553		
Prep Method: 8011			Date Prepared:	09/08/2009 1230		
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:	09/02/2009 1204		
Prep Method: 3005A			Date Prepared:	09/01/2009 0807		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	5.1	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	7300		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	13		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/27/2009 1343		
Prep Method: 7470A			Date Prepared:	08/27/2009 0955		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/04/2009 1903		
Chloride	46		mg/L	1.0	2.5	5.0

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Job Number: 660-31254-1

Client Sample ID: TH-69A
Lab Sample ID: 660-31254-3

Date Sampled: 08/26/2009 1033
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		09/01/2009 1221	
Ammonia (as N)	1.2		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/27/2009 0913	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		09/01/2009 0928	
Total Dissolved Solids	420		mg/L	10	10	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-69A
Lab Sample ID: 660-31254-3

Date Sampled: 08/26/2009 1033
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/26/2009 1033		
Field pH	6.31	SU			1.0
Field Temperature	23.91	Degrees C			1.0
Oxygen, Dissolved	0.78	mg/L			1.0
Specific Conductance	648	umhos/cm			1.0
Turbidity	2.2	NTU			1.0

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Job Number: 660-31254-1

Client Sample ID: TH-70A
Lab Sample ID: 660-31254-4

Date Sampled: 08/26/2009 1122
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 1614		
Prep Method: 5030B			Date Prepared:	08/27/2009 1614		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-70A
Lab Sample ID: 660-31254-4

Date Sampled: 08/26/2009 1122
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	104		%		70 - 130	
Dibromofluoromethane	110		%		70 - 130	
Toluene-d8 (Surr)	102		%		70 - 130	
Method: 8011			Date Analyzed:		09/09/2009 1607	
Prep Method: 8011			Date Prepared:		09/08/2009 1230	
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:		09/02/2009 1210	
Prep Method: 3005A			Date Prepared:		09/01/2009 0807	
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	9.2	I	ug/L	4.0	10	1.0
Barium	8.4	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	27000		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	6.6		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:		08/27/2009 1350	
Prep Method: 7470A			Date Prepared:		08/27/2009 0955	
Mercury	0.084	I	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:		09/04/2009 1932	
Chloride	21		mg/L	0.40	1.0	2.0

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Job Number: 660-31254-1

Client Sample ID: TH-70A
Lab Sample ID: 660-31254-4

Date Sampled: 08/26/2009 1122
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		09/01/2009 1222	
Ammonia (as N)	0.96		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/27/2009 0913	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		09/01/2009 0928	
Total Dissolved Solids	200		mg/L	5.0	5.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-70A
Lab Sample ID: 660-31254-4

Date Sampled: 08/26/2009 1122
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/26/2009 1122		
Field pH	6.44	SU			1.0
Field Temperature	23.66	Degrees C			1.0
Oxygen, Dissolved	0.16	mg/L			1.0
Specific Conductance	388	umhos/cm			1.0
Turbidity	6.7	NTU			1.0

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Job Number: 660-31254-1

Client Sample ID: TH-71A
Lab Sample ID: 660-31254-5

Date Sampled: 08/26/2009 1203
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 1634		
Prep Method: 5030B			Date Prepared:	08/27/2009 1634		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-71A
Lab Sample ID: 660-31254-5

Date Sampled: 08/26/2009 1203
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	100		%		70 - 130	
Dibromofluoromethane	109		%		70 - 130	
Toluene-d8 (Surr)	102		%		70 - 130	
Method: 8011			Date Analyzed:	09/09/2009 1621		
Prep Method: 8011			Date Prepared:	09/08/2009 1230		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	09/02/2009 1216		
Prep Method: 3005A			Date Prepared:	09/01/2009 0807		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.4	I	ug/L	4.0	10	1.0
Barium	20		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.2	I	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	21000		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	4.0	I	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	4.2		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.6	I	ug/L	2.5	10	1.0
Zinc	5.8	I	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/27/2009 1352		
Prep Method: 7470A			Date Prepared:	08/27/2009 0955		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/04/2009 2001		
Chloride	14		mg/L	1.0	2.5	5.0

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Job Number: 660-31254-1

Client Sample ID: TH-71A
Lab Sample ID: 660-31254-5

Date Sampled: 08/26/2009 1203
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:	09/01/2009 1223		
Ammonia (as N)	1.8		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/27/2009 0913		
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:	09/01/2009 0928		
Total Dissolved Solids	550		mg/L	10	10	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-71A
Lab Sample ID: 660-31254-5

Date Sampled: 08/26/2009 1203
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/26/2009 1203		
Field pH	6.38	SU			1.0
Field Temperature	24.55	Degrees C			1.0
Oxygen, Dissolved	0.24	mg/L			1.0
Specific Conductance	750	umhos/cm			1.0
Turbidity	6.1	NTU			1.0

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Job Number: 660-31254-1

Client Sample ID: TH-36-A
Lab Sample ID: 660-31254-6

Date Sampled: 08/26/2009 1238
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 1715		
Prep Method: 5030B			Date Prepared:	08/27/2009 1715		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	2.4	I	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-36-A
Lab Sample ID: 660-31254-6

Date Sampled: 08/26/2009 1238
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	100		%		70 - 130	
Dibromofluoromethane	105		%		70 - 130	
Toluene-d8 (Surr)	98		%		70 - 130	
Method: 8011			Date Analyzed:	09/09/2009 1640		
Prep Method: 8011			Date Prepared:	09/08/2009 1230		
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:	09/02/2009 1222		
Prep Method: 3005A			Date Prepared:	09/01/2009 0807		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	16		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	3.5	I	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	94	I	ug/L	50	200	1.0
Lead	2.6	I	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	4.1		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	160		ug/L	2.5	10	1.0
Zinc	12	I	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/27/2009 1354		
Prep Method: 7470A			Date Prepared:	08/27/2009 0955		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/04/2009 2030		
Chloride	3.2		mg/L	0.40	1.0	2.0

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Job Number: 660-31254-1

Client Sample ID: TH-36-A
Lab Sample ID: 660-31254-6

Date Sampled: 08/26/2009 1238
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:	09/01/2009 1224		
Ammonia (as N)	0.11		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/27/2009 0913		
Nitrate as N	0.22	I	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:	09/01/2009 0928		
Total Dissolved Solids	110		mg/L	5.0	5.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-36-A
Lab Sample ID: 660-31254-6

Date Sampled: 08/26/2009 1238
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/26/2009 1238		
Field pH	5.80	SU			1.0
Field Temperature	25.20	Degrees C			1.0
Oxygen, Dissolved	0.81	mg/L			1.0
Specific Conductance	161	umhos/cm			1.0
Turbidity	26.1	NTU			1.0

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Job Number: 660-31254-1

Client Sample ID: TH-68
Lab Sample ID: 660-31254-7

Date Sampled: 08/26/2009 1320
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 1735		
Prep Method: 5030B			Date Prepared:	08/27/2009 1735		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-68
Lab Sample ID: 660-31254-7

Date Sampled: 08/26/2009 1320
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	101		%		70 - 130	
Dibromofluoromethane	107		%		70 - 130	
Toluene-d8 (Surr)	100		%		70 - 130	
Method: 8011			Date Analyzed:	09/09/2009 1654		
Prep Method: 8011			Date Prepared:	09/08/2009 1230		
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:	09/02/2009 1228		
Prep Method: 3005A			Date Prepared:	09/01/2009 0807		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	17		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	3.6	I	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	560		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	7.2		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	3.9	I	ug/L	2.5	10	1.0
Zinc	19	I	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/27/2009 1356		
Prep Method: 7470A			Date Prepared:	08/27/2009 0955		
Mercury	0.12	I	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/04/2009 2059		
Chloride	21		mg/L	0.80	2.0	4.0

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Job Number: 660-31254-1

Client Sample ID: TH-68
Lab Sample ID: 660-31254-7

Date Sampled: 08/26/2009 1320
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:	09/01/2009 1225		
Ammonia (as N)	0.30		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/27/2009 0913		
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:	09/01/2009 0928		
Total Dissolved Solids	210		mg/L	5.0	5.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-68
Lab Sample ID: 660-31254-7

Date Sampled: 08/26/2009 1320
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/26/2009 1320		
Field pH	5.78	SU			1.0
Field Temperature	27.17	Degrees C			1.0
Oxygen, Dissolved	1.23	mg/L			1.0
Specific Conductance	273	umhos/cm			1.0
Turbidity	14.8	NTU			1.0

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Job Number: 660-31254-1

Client Sample ID: TH-64
Lab Sample ID: 660-31254-8

Date Sampled: 08/26/2009 1346
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 1756		
Prep Method: 5030B			Date Prepared:	08/27/2009 1756		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-64
Lab Sample ID: 660-31254-8

Date Sampled: 08/26/2009 1346
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	104		%		70 - 130	
Dibromofluoromethane	109		%		70 - 130	
Toluene-d8 (Surr)	103		%		70 - 130	
Method: 8011			Date Analyzed:	09/09/2009 1707		
Prep Method: 8011			Date Prepared:	09/08/2009 1230		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	09/02/2009 1234		
Prep Method: 3005A			Date Prepared:	09/01/2009 0807		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	38		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	620		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	11		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	4.1	I	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/27/2009 1358		
Prep Method: 7470A			Date Prepared:	08/27/2009 0955		
Mercury	0.093	I	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/04/2009 2128		
Chloride	45		mg/L	0.80	2.0	4.0

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Job Number: 660-31254-1

Client Sample ID: TH-64
Lab Sample ID: 660-31254-8

Date Sampled: 08/26/2009 1346
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		09/01/2009 1226	
Ammonia (as N)	0.33		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/27/2009 0913	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		09/01/2009 0928	
Total Dissolved Solids	260		mg/L	5.0	5.0	1.0

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Job Number: 660-31254-1

Client Sample ID: TH-64
Lab Sample ID: 660-31254-8

Date Sampled: 08/26/2009 1346
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/26/2009 1346		
Field pH	5.10	SU			1.0
Field Temperature	25.82	Degrees C			1.0
Oxygen, Dissolved	0.48	mg/L			1.0
Specific Conductance	378	umhos/cm			1.0
Turbidity	4.0	NTU			1.0

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Job Number: 660-31254-1

Client Sample ID: 61 A
Lab Sample ID: 660-31254-9

Date Sampled: 08/26/2009 1416
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 1816		
Prep Method: 5030B			Date Prepared:	08/27/2009 1816		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31254-1

Client Sample ID: 61 A
Lab Sample ID: 660-31254-9

Date Sampled: 08/26/2009 1416
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	109		%		70 - 130	
Toluene-d8 (Surr)	103		%		70 - 130	
Method: 8011			Date Analyzed:	09/09/2009 1721		
Prep Method: 8011			Date Prepared:	09/08/2009 1230		
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:	09/02/2009 1239		
Prep Method: 3005A			Date Prepared:	09/01/2009 0807		
Antimony	5.7	I	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	61		ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.4	I	ug/L	1.0	4.0	1.0
Chromium	6.1	I	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	75	I	ug/L	50	200	1.0
Lead	3.0	I	ug/L	2.0	10	1.0
Nickel	2.2	I	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	3.3		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	180		ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/27/2009 1401		
Prep Method: 7470A			Date Prepared:	08/27/2009 0955		
Mercury	0.081	I	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/04/2009 2255		
Chloride	4.9		mg/L	0.40	1.0	2.0

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Job Number: 660-31254-1

Client Sample ID: 61 A
Lab Sample ID: 660-31254-9

Date Sampled: 08/26/2009 1416
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		09/01/2009 1258	
Ammonia (as N)	0.16		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/27/2009 0913	
Nitrate as N	0.26	I	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		09/01/2009 0928	
Total Dissolved Solids	110		mg/L	5.0	5.0	1.0

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Job Number: 660-31254-1

Client Sample ID: 61 A
Lab Sample ID: 660-31254-9

Date Sampled: 08/26/2009 1416
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/26/2009 1416		
Field pH	5.91	SU			1.0
Field Temperature	26.62	Degrees C			1.0
Oxygen, Dissolved	2.30	mg/L			1.0
Specific Conductance	162	umhos/cm			1.0
Turbidity	26.3	NTU			1.0

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Job Number: 660-31254-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-31254-10

Date Sampled: 08/26/2009 1020
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/27/2009 1836		
Prep Method: 5030B			Date Prepared:	08/27/2009 1836		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31254-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-31254-10

Date Sampled: 08/26/2009 1020
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene	103	%	70 - 130
Dibromofluoromethane	110	%	70 - 130
Toluene-d8 (Surr)	102	%	70 - 130

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-31254-1

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Method Blank - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-83909/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1250
Date Prepared: 08/27/2009 1250

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2712.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	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone	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
Chloroethane	2.5	U	2.5	5.0
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
Dibromochloromethane	0.34	U	0.34	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone	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
Trichloromethane	0.90	U	0.90	1.0

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Method Blank - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-83909/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1250
Date Prepared: 08/27/2009 1250

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2712.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	106	70 - 130
Dibromofluoromethane	106	70 - 130
Toluene-d8 (Surr)	99	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Lab Control Sample - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-83909/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1148
Date Prepared: 08/27/2009 1148

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2709.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	110	110	62 - 142	
Acrylonitrile	200	208	104	10 - 183	
Benzene	20.0	21.4	107	64 - 140	
Bromochloromethane	20.0	20.0	100	59 - 130	
Bromodichloromethane	20.0	20.1	100	70 - 130	
Bromoform	20.0	17.4	87	65 - 130	
Bromomethane	20.0	18.6	93	14 - 184	
2-Butanone	100	113	113	63 - 140	
Carbon disulfide	10.0	9.59	96	30 - 184	
Carbon tetrachloride	20.0	18.9	95	53 - 145	
Chlorobenzene	20.0	19.7	98	70 - 130	
Chloroethane	20.0	18.8	94	39 - 174	
Chloromethane	20.0	14.2	71	35 - 153	
cis-1,2-Dichloroethene	20.0	20.8	104	61 - 130	
cis-1,3-Dichloropropene	20.0	20.6	103	70 - 130	
Dibromochloromethane	20.0	19.5	97	70 - 130	
Dibromomethane	20.0	20.7	104	70 - 130	
1,2-Dichlorobenzene	20.0	20.3	102	70 - 130	
1,4-Dichlorobenzene	20.0	19.4	97	70 - 130	
1,1-Dichloroethane	20.0	21.1	105	60 - 132	
1,2-Dichloroethane	20.0	20.8	104	70 - 130	
1,1-Dichloroethene	20.0	23.1	116	51 - 157	
1,2-Dichloropropane	20.0	19.7	98	70 - 130	
Ethylbenzene	20.0	20.9	105	69 - 131	
2-Hexanone	100	104	104	57 - 148	
Iodomethane	20.0	18.8	94	70 - 130	
Methylene Chloride	20.0	20.1	101	57 - 130	
4-Methyl-2-pentanone	100	104	104	64 - 137	
Styrene	20.0	20.0	100	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	19.9	99	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	18.9	95	67 - 130	
Tetrachloroethene	20.0	23.1	116	47 - 143	
Toluene	20.0	19.5	98	70 - 131	
trans-1,4-Dichloro-2-butene	20.0	18.9	94	70 - 130	
trans-1,2-Dichloroethene	20.0	22.8	114	55 - 145	
trans-1,3-Dichloropropene	20.0	18.2	91	62 - 130	
1,1,1-Trichloroethane	20.0	20.7	104	57 - 135	
1,1,2-Trichloroethane	20.0	19.6	98	69 - 130	
Trichloroethene	20.0	22.2	111	59 - 142	
Trichlorofluoromethane	20.0	17.9	89	62 - 147	
Trichloromethane	20.0	20.3	102	59 - 130	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Lab Control Sample - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-83909/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1148
Date Prepared: 08/27/2009 1148

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2709.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	20.0	18.8	94	62 - 130	
Vinyl acetate	30.4	18.7	62	10 - 166	
Vinyl chloride	20.0	18.2	91	48 - 147	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	99	70 - 130
Dibromofluoromethane	104	70 - 130
Toluene-d8 (Surr)	97	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Matrix Spike - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31254-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1654
Date Prepared: 08/27/2009 1654

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2724.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	250	262	105	62 - 142	
Acrylonitrile	1.2	U	500	519	104	10 - 183	
Benzene	0.50	U	50.0	58.8	118	64 - 140	
Bromochloromethane	0.58	U	50.0	53.4	107	59 - 130	
Bromodichloromethane	0.35	U	50.0	63.1	126	70 - 130	
Bromoform	0.58	U	50.0	46.4	93	65 - 130	
Bromomethane	2.5	U	50.0	40.8	82	14 - 184	
2-Butanone	8.4	U	250	275	110	63 - 140	
Carbon disulfide	0.85	U	25.0	25.6	102	30 - 184	
Carbon tetrachloride	0.42	U	50.0	51.8	104	53 - 145	
Chlorobenzene	0.63	U	50.0	54.7	109	70 - 130	
Chloroethane	2.5	U	50.0	43.1	86	39 - 174	
Chloromethane	1.0	U	50.0	40.8	82	35 - 153	
cis-1,2-Dichloroethene	0.65	U	50.0	57.3	115	61 - 130	
cis-1,3-Dichloropropene	0.14	U	50.0	64.3	129	70 - 130	
Dibromochloromethane	0.34	U	50.0	64.3	129	70 - 130	
Dibromomethane	0.41	U	50.0	60.0	120	70 - 130	
1,2-Dichlorobenzene	0.44	U	50.0	53.1	106	70 - 130	
1,4-Dichlorobenzene	0.52	U	50.0	51.2	102	70 - 130	
1,1-Dichloroethane	0.52	U	50.0	57.2	114	60 - 132	
1,2-Dichloroethane	0.57	U	50.0	54.3	109	70 - 130	
1,1-Dichloroethene	0.45	U	50.0	67.3	135	51 - 157	
1,2-Dichloropropane	0.52	U	50.0	60.3	121	70 - 130	
Ethylbenzene	0.44	U	50.0	59.1	118	69 - 131	
2-Hexanone	4.4	U	250	306	122	57 - 148	
Iodomethane	2.5	U	50.0	46.1	92	70 - 130	
Methylene Chloride	4.0	U	50.0	53.0	106	57 - 130	
4-Methyl-2-pentanone	3.8	U	250	302	121	64 - 137	
Styrene	0.98	U	50.0	54.5	109	62 - 136	
1,1,1,2-Tetrachloroethane	0.63	U	50.0	56.9	114	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	50.0	50.5	101	67 - 130	
Tetrachloroethene	0.50	U	50.0	67.4	135	47 - 143	
Toluene	0.51	U	50.0	61.4	123	70 - 131	
trans-1,4-Dichloro-2-butene	2.5	U	50.0	50.4	101	70 - 130	
trans-1,2-Dichloroethene	0.44	U	50.0	61.7	123	55 - 145	
trans-1,3-Dichloropropene	0.14	U	50.0	50.7	101	62 - 130	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Matrix Spike - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31254-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1654
Date Prepared: 08/27/2009 1654

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2724.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.46	U	50.0	58.1	116	57 - 135	
1,1,2-Trichloroethane	0.47	U	50.0	58.3	117	69 - 130	
Trichloroethene	0.50	U	50.0	58.0	116	59 - 142	
Trichlorofluoromethane	2.5	U	50.0	53.7	107	62 - 147	
Trichloromethane	0.90	U	50.0	55.7	111	59 - 130	
1,2,3-Trichloropropane	0.18	U	50.0	49.8	100	62 - 130	
Vinyl acetate	1.5	U	76.0	49.0	64	10 - 166	
Vinyl chloride	0.50	U	50.0	46.9	94	48 - 147	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	70 - 130
Dibromofluoromethane	100	70 - 130
Toluene-d8 (Surr)	107	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Duplicate - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31254-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1553
Date Prepared: 08/27/2009 1553

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2721.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30	U
Acrylonitrile	1.2	U	1.2	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromochloromethane	0.58	U	0.58	NC	30	U
Bromodichloromethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone	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
Chloroethane	2.5	U	2.5	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
Dibromochloromethane	0.34	U	0.34	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
4-Methyl-2-pentanone	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

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Duplicate - Batch: 660-83909

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31254-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1553
Date Prepared: 08/27/2009 1553

Analysis Batch: 660-83909
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMH GC/MS
Lab File ID: 1HH2721.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
Trichloromethane	0.90	U	0.90	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	103	70 - 130
Dibromofluoromethane	109	70 - 130
Toluene-d8 (Surr)	103	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Method Blank - Batch: 640-60532

Method: 8011
Preparation: 8011

Lab Sample ID: MB 640-60532/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1349
Date Prepared: 09/08/2009 1230

Analysis Batch: 640-60613
Prep Batch: 640-60532
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 2I08L012.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0027	U	0.0027	0.020
Ethylene Dibromide	0.0044	U	0.0044	0.020

Surrogate	% Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	112	56 - 144

Lab Control Sample/ Lab Control Sample Duplicate Recovery Report - Batch: 640-60532

Method: 8011
Preparation: 8011

LCS Lab Sample ID: LCS 640-60532/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1403
Date Prepared: 09/08/2009 1230

Analysis Batch: 640-60613
Prep Batch: 640-60532
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 2I08L013.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 640-60532/13-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1416
Date Prepared: 09/08/2009 1230

Analysis Batch: 640-60613
Prep Batch: 640-60532
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 2I08L014.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	106	109	89 - 132	3	11		
Ethylene Dibromide	94	96	85 - 118	2	12		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	102	108	56 - 144

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-60532

Method: 8011
Preparation: 8011

MS Lab Sample ID:	640-23564-H-1-A MS	Analysis Batch: 640-60613	Instrument ID: SGL HP6890
Client Matrix:	Water	Prep Batch: 640-60532	Lab File ID: 2I08L015.D
Dilution:	1.0		Initial Weight/Volume: 17.5 mL
Date Analyzed:	09/09/2009 1430		Final Weight/Volume: 2.0 mL
Date Prepared:	09/08/2009 1230		Injection Volume: 2 uL
			Column ID: PRIMARY
MSD Lab Sample ID:	640-23564-H-1-B MSD	Analysis Batch: 640-60613	Instrument ID: SGL HP6890
Client Matrix:	Water	Prep Batch: 640-60532	Lab File ID: 2I08L016.D
Dilution:	1.0		Initial Weight/Volume: 17.5 mL
Date Analyzed:	09/09/2009 1444		Final Weight/Volume: 2.0 mL
Date Prepared:	09/08/2009 1230		Injection Volume: 2 uL
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2-Dibromo-3-Chloropropane	104	108	89 - 132	3	11		
Ethylene Dibromide	98	97	85 - 118	1	12		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	108	103	56 - 144

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Method Blank - Batch: 660-84028

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 660-84028/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 0926
Date Prepared: 09/01/2009 0807

Analysis Batch: 660-84137
Prep Batch: 660-84028
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9I02A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-84028

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 660-84028/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 0926
Date Prepared: 09/01/2009 0807

Analysis Batch: 660-84137
Prep Batch: 660-84028
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9I02A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Antimony	4.0	U	4.0	20
Arsenic	4.0	U	4.0	10
Barium	2.0	U	2.0	10
Beryllium	0.50	U	0.50	2.0
Cadmium	1.0	U	1.0	4.0
Chromium	2.0	U	2.0	10
Cobalt	2.0	U	2.0	10
Copper	2.9	U	2.9	10
Iron	50	U	50	200
Lead	2.0	U	2.0	10
Nickel	2.0	U	2.0	8.0
Selenium	5.0	U	5.0	20
Silver	1.0	U	1.0	4.0
Thallium	5.0	U	5.0	20
Vanadium	2.5	U	2.5	10
Zinc	5.0	U	5.0	20

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Lab Control Sample - Batch: 660-84028

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-84028/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 0932
Date Prepared: 09/01/2009 0807

Analysis Batch: 660-84137
Prep Batch: 660-84028
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9I02A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	9.96	100	75 - 125	

Lab Control Sample - Batch: 660-84028

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-84028/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 0932
Date Prepared: 09/01/2009 0807

Analysis Batch: 660-84137
Prep Batch: 660-84028
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9I02A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	1000	945	95	75 - 125	
Arsenic	1000	1010	101	75 - 125	
Barium	1000	964	96	75 - 125	
Beryllium	1000	1030	103	75 - 125	
Cadmium	1000	1050	105	75 - 125	
Chromium	990	1000	101	75 - 125	
Cobalt	1000	986	99	75 - 125	
Copper	1000	985	99	75 - 125	
Iron	1000	1030	103	75 - 125	
Lead	1000	1040	104	75 - 125	
Nickel	1000	1030	103	75 - 125	
Selenium	1000	951	95	75 - 125	
Silver	1000	974	97	75 - 125	
Thallium	1000	996	100	75 - 125	
Vanadium	1000	1030	103	75 - 125	
Zinc	1000	1060	106	75 - 125	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-84028

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	660-31327-A-1-B MS ^5	Analysis Batch: 660-84137	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-84028	Lab File ID: 9I02A
Dilution:	5.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/02/2009 1002		Final Weight/Volume: 50 mL
Date Prepared:	09/01/2009 0807		

MSD Lab Sample ID:	660-31327-A-1-C MSD	Analysis Batch: 660-84137	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-84028	Lab File ID: 9I02A
Dilution:	5.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/02/2009 1008		Final Weight/Volume: 50 mL
Date Prepared:	09/01/2009 0807		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sodium	1600	3790	75 - 125	2	20	J3	J3

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-84028

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	660-31327-A-1-B MS ^5	Analysis Batch: 660-84137	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-84028	Lab File ID: 9I02A
Dilution:	5.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/02/2009 1002		Final Weight/Volume: 50 mL
Date Prepared:	09/01/2009 0807		

MSD Lab Sample ID:	660-31327-A-1-C MSD	Analysis Batch: 660-84137	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-84028	Lab File ID: 9I02A
Dilution:	5.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/02/2009 1008		Final Weight/Volume: 50 mL
Date Prepared:	09/01/2009 0807		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	108	108	75 - 125	0	20		
Arsenic	116	118	75 - 125	1	20		
Barium	97	99	75 - 125	2	20		
Beryllium	112	113	75 - 125	1	20		
Cadmium	113	113	75 - 125	0	20		
Chromium	107	107	75 - 125	0	20		
Cobalt	105	105	75 - 125	0	20		
Copper	104	106	75 - 125	1	20		
Iron	83	82	75 - 125	2	20	I	I
Lead	110	111	75 - 125	1	20		
Nickel	108	109	75 - 125	0	20		
Selenium	109	110	75 - 125	1	20		
Silver	109	111	75 - 125	1	20		
Thallium	104	106	75 - 125	2	20		
Vanadium	109	110	75 - 125	1	20		
Zinc	119	118	75 - 125	1	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Method Blank - Batch: 660-83828

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 660-83828/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1311
Date Prepared: 08/27/2009 0955

Analysis Batch: 660-83871
Prep Batch: 660-83828
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Mercury	0.072	U	0.072	0.20

Lab Control Sample - Batch: 660-83828

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 660-83828/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1313
Date Prepared: 08/27/2009 0955

Analysis Batch: 660-83871
Prep Batch: 660-83828
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	1.05	105	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-83828

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 660-31262-A-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1320
Date Prepared: 08/27/2009 0955

Analysis Batch: 660-83871
Prep Batch: 660-83828

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

MSD Lab Sample ID: 660-31262-A-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 1322
Date Prepared: 08/27/2009 0955

Analysis Batch: 660-83871
Prep Batch: 660-83828

Instrument ID: Hg Analyzer
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
Mercury	99	95	80 - 120	4	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Method Blank - Batch: 660-84286

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-84286/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/04/2009 1708
Date Prepared: N/A

Analysis Batch: 660-84286
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-84286

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-84286/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/04/2009 1737
Date Prepared: N/A

Analysis Batch: 660-84286
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.7	107	90 - 110	

Lab Control Sample - Batch: 660-84286

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-84286/37
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1704
Date Prepared: N/A

Analysis Batch: 660-84286
Prep Batch: N/A
Units: mg/L

Instrument ID: ICS 2000
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.1	101	90 - 110	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-84286

Method: 300.0
Preparation: N/A

MS Lab Sample ID:	660-31269-F-1 MS	Analysis Batch: 660-84286	Instrument ID: ICS 2000
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	2.0		Initial Weight/Volume:
Date Analyzed:	09/04/2009 2353		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-31269-F-1 MSD	Analysis Batch: 660-84286	Instrument ID: ICS 2000
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	2.0		Initial Weight/Volume:
Date Analyzed:	09/05/2009 0022		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	104	104	90 - 110	0	30		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Method Blank - Batch: 660-84070

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-84070/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1152
Date Prepared: N/A

Analysis Batch: 660-84070
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

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

Lab Control Sample - Batch: 660-84070

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-84070/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1153
Date Prepared: N/A

Analysis Batch: 660-84070
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.502	100	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-84070

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-31288-D-3 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1212
Date Prepared: N/A

Analysis Batch: 660-84070
Prep Batch: N/A

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

MSD Lab Sample ID: 660-31288-D-3 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1213
Date Prepared: N/A

Analysis Batch: 660-84070
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
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)	124	129	90 - 110	2	30	J3	J3

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Method Blank - Batch: 660-84071

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-84071/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1255
Date Prepared: N/A

Analysis Batch: 660-84071
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

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

Lab Control Sample - Batch: 660-84071

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-84071/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1256
Date Prepared: N/A

Analysis Batch: 660-84071
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.529	106	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-84071

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-31254-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1259
Date Prepared: N/A

Analysis Batch: 660-84071
Prep Batch: N/A

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

MSD Lab Sample ID: 660-31254-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1301
Date Prepared: N/A

Analysis Batch: 660-84071
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
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)	91	90	90 - 110	1	30		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Method Blank - Batch: 660-83905

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-83905/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 0825
Date Prepared: N/A

Analysis Batch: 660-83905
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	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: 660-83905

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-83905/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/27/2009 0825
Date Prepared: N/A

Analysis Batch: 660-83905
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.952	95	90 - 110	
Nitrite as N	1.00	0.907	91	90 - 110	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83905

Method: 353.2
Preparation: N/A

MS Lab Sample ID:	660-31254-9	Analysis Batch: 660-83905	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/27/2009 0913		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-31254-9	Analysis Batch: 660-83905	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/27/2009 0913		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	136	136	90 - 110	0	30	J3	J3
Nitrite as N	113	111	90 - 110	2	30	J3	J3

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Method Blank - Batch: 640-60319

Method: SM 2540C
Preparation: N/A

Lab Sample ID: MB 640-60319/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0928
Date Prepared: N/A

Analysis Batch: 640-60319
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

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

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-60319

Method: SM 2540C
Preparation: N/A

LCS Lab Sample ID: LCS 640-60319/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0928
Date Prepared: N/A

Analysis Batch: 640-60319
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 200 mL

LCSD Lab Sample ID: LCSD 640-60319/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0928
Date Prepared: N/A

Analysis Batch: 640-60319
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 200 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Dissolved Solids	93	97	80 - 120	NaN	25		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-1

Duplicate - Batch: 640-60319

Method: SM 2540C
Preparation: N/A

Lab Sample ID: 660-31248-C-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 0928
Date Prepared: N/A

Analysis Batch: 640-60319
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	17	16.0	NC	25	

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

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WCO-31754

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS BLANK, EQUIPMENT

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 17:00

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 14:00

LOCATION: BLANK, EQUIPMENT SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☐ A.Balloon ☐ D.Pannell

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-26-09 | 12:46

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8.26.09 | 15:30
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-26-09 | 15:30

COMMENT'S: WO# 0020

2.1°C & 2.3°C
CU-07

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WCO-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS DUPLICATE SAMPLE

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-26-09 | ____

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 1530
ACCEPTED BY: BM REP. OF CONTRACT LAB. 8-26-09 | 1530

COMMENT`S: WO # 0020

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L0L0-31754

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 12N

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-69A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☐ A.Balloon ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 35.00 Ft.
DEPTH TO WATER: 25.45 Ft.
LENGTH OF WATER COL: 9.55 Ft.
VOLUME TO PURGE: 1.5 Gal.
4.5

	DATE	TIME
PURGE STARTED:	8-26-09	10:13
PURGE RATE:	.20	GPM.
	DATE	TIME
PURGE ENDED:	8-26-09	10:33
ACT. VOL. PURGED:	4	GAL.

2.0

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AS	10:27	23.90	650	6.34	0.78	2.6
AS	10:28	23.90	649	6.33	0.79	2.1
AS	10:37	23.91	648	6.31	0.78	2.2

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED DATE	TIME
8-26-09	10:37

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 1530
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-26-09 | 1530

COMMENT`S: WO #0620
WACS # ~~22964~~ 22958

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LCLC0-31754

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 | 7 AM

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-70A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☑ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 36.58 Ft.
DEPTH TO WATER: 25.23 Ft.
LENGTH OF WATER COL: 11.35 Ft.
VOLUME TO PURGE: 1.8 Gal.
5.4

	DATE	TIME
PURGE STARTED:	8.26.09	10:45
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-26-09	11:22
ACT. VOL. PURGED:	7.4	GAL.

37 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	11:12	23.66	388	6.44	0.15	7.4
RJ	11:17	23.66	388	6.44	0.15	7.1
AB	11:22	23.66	388	6.44	0.16	6.7

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-26-09 | 11:22

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

			DATE	TIME
RELINQUISHED BY:	AB	REP. OF SOLID WASTE DEPT.	8-26-09	1530
ACCEPTED BY:	BM	REP. OF CONTRACT LAB.	8-26-09	1530

COMMENT`S: waff0020
WACS# 22959.

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COLC0-31754

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 12:00

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT 8-4-09 | 4:00

LOCATION: TH-71A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 37.78 Ft.
DEPTH TO WATER: 25.94 Ft.
LENGTH OF WATER COL: 11.84 Ft.
VOLUME TO PURGE: 1.8 Gal.
5.4

	DATE	TIME
PURGE STARTED:	8-26-09	11:26
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-26-09	12:03
ACT. VOL. PURGED:	7.4	GAL.

37 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AJ	11:53	24.57	749	6.37	0.21	6.6
AJ	11:58	24.55	749	6.38	0.22	5.9
AJ	12:03	24.55	750	6.38	0.24	6.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-26-09 | 12:03

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 1530
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-26-09 | 1530

COMMENT`S: WO# 00 20
WACS # 22960

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LeCO-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-36-A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☑ A.Balloon ☑ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 38.70 Ft.
DEPTH TO WATER: 29.58 Ft.
LENGTH OF WATER COL: 9.12 Ft.
VOLUME TO PURGE: 1.4 Gal.
4.2

	DATE	TIME
PURGE STARTED:	8-26-09	12:12
PURGE RATE:	.25	GPM.
PURGE ENDED:	8-26-09	12:38
ACT. VOL. PURGED:	6.5	GAL.

26 MIN

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AA	12:28	25.19	161	5.79	0.82	28.1
AA	12:33	25.19	161	5.79	0.83	26.2
AA	12:38	25.20	161	5.80	0.81	26.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-26-09 | 12:38

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 1530
ACCEPTED BY: BM REP. OF CONTRACT LAB. 8-26-09 | 1530

COMMENT`S: 420#0020
WAES #20329

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COC0-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 | 1720

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-68 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☒ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 22.20 Ft.
DEPTH TO WATER: 15.15 Ft.
LENGTH OF WATER COL: ~~7.30~~ Ft. 7.05
VOLUME TO PURGE: ~~1.1~~ Gal.
3.3

	DATE	TIME
PURGE STARTED:	8-26-09	12:48
PURGE RATE:	.15	GPM.
PURGE ENDED:	8-26-09	1:20
ACT. VOL. PURGED:	4.8	GAL.

32 mm

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	1:10	27.17	273	5.78	1.20	15.6
AB	1:15	27.17	273	5.78	1.24	15.0
AB	1:20	27.17	273	5.78	1.23	14.8

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED	
DATE	TIME
8-26-09	1:20

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 15:30
ACCEPTED BY: BM REP. OF CONTRACT LAB. 8-26-09 | 15:30

COMMENT`S: WO# 00720
WACS# 22039

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LeleO-31054

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 | 1200

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 4:00

LOCATION: TH-64 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 19.20 Ft.
DEPTH TO WATER: 15.48 Ft.
LENGTH OF WATER COL: 3.72 Ft.
VOLUME TO PURGE: .5 Gal.
1.5

	DATE	TIME
PURGE STARTED:	8-26-09	1:26
PURGE RATE:	.15	GPM.
PURGE ENDED:	8-26-09	1:46
ACT. VOL. PURGED:	3	GAL.

20 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	1:36	25.81	377	5.07	0.31	4.6
AB	1:41	25.81	378	5.09	0.37	4.2
AB	1:46	25.82	378	5.10	0.48	4.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-26-09 | 1:46

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 Yes SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8.26.09 | 1530
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8.26-09 | 1530

COMMENT`S: WO# 00020
WACS 20494

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Celeo-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 17N

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT 8-4-09 | 4:00

LOCATION: 61A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 23.35 Ft.
DEPTH TO WATER: 15.00 Ft.
LENGTH OF WATER COL: 8.35 Ft.
VOLUME TO PURGE: 1.3 Gal.
3.9

PURGE STARTED: DATE 8-26-09 | TIME 1:51
PURGE RATE: .25 GPM.
PURGE ENDED: DATE 8-26-09 | TIME 2:16
ACT. VOL. PURGED: 6.25 GAL.
25 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	2:06	26.63	161	5.95	2.43	24.8
AB	2:11	26.62	162	5.92	2.33	25.7
AB	2:16	26.62	162	5.91	2.30	26.3

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED DATE | TIME
8-26-09 | 2:16

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 Yes SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 1530
ACCEPTED BY: BM REP. OF CONTRACT LAB. 8-26-09 | 1530

COMMENTS: WO# 00020
WACS # 22595

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

660-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

BLANK, TRAVEL

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: [signature] REP. OF CONTRACT LAB. 8/4/09 | PM

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: **BLANK, TRAVEL** SAMPLE MATRIX: **WATER** OTHER MATRIX: ______

PERSONAL ENGAGED IN SAMPLE COLLECTION: ☐ **A.Adger** ☑ **A.Balloon** ☐ **D.Pannell**

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE | TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	8-26-09 | 10:20

2 **TOTAL No. OF SAMPLES COLLECTED:**

ANALYSIS REQUESTED:

EPA 8260

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

			DATE | TIME
ABOVE LISTED SAMPLES: RELINQUISHED BY:	[signature]	REP. OF SOLID WASTE DEPT.	8-26-09 | 1530
ACCEPTED BY:	[signature]	REP. OF CONTRACT LAB.	8-26-09 | 1530

COMMENT'S: w0#0020

2.1°C, 2.3°C
cw-07

BM

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 160-31254 Logged in TALS By: Amanda Harrison

Cooler Received on (date) 8/26/09 And Opened By (full name): Charles E Volz

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

2. Tracking #_____

3. Temperature of rep. sample or temp blank when opened: 2.1 & 2.3 Degrees Celsius CU-07

4. Number of H2SO4 (sulfuric acid) preserved containers: 9

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

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

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

6. Number of HNO3 (nitric acid) preserved containers: 9

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

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

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

8. Number of Unpreserved containers: 18

   All containers pH between 6 and 8? NO If not please comment below:

   TH-64 pH=5

   EQB pH=5 (AFDI water)

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

   If yes, which samples? _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31254-1

Login Number: 31254
List Source: TestAmerica Tampa
Creator: Harrison, Amanda
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1 and 2.3 degrees C CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31254-1

Login Number: 31254
Creator: Alsheimer, Carl
List Number: 1

List Source: TestAmerica Tallahassee
List Creation: 08/28/09 08:45 AM

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #:
WACS Testsite Name: Equipment Blank
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/26/2009 12:46:00PM
Sampling Method:
Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
039180	Trichloroethene	N	E84282	8260B	8/27/2009 2:52:00PM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	8/27/2009 2:52:00PM	0.98	0.98	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	5	5	mg/L	U
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:16:00PM	0.14	0.01	mg/L	
001077	Silver	N	E84282	6010B	9/2/2009 11:53:00AM	1	1	ug/L	U
000929	Sodium	N	E84282	6010B	9/2/2009 11:53:00AM	0.51	0.31	mg/L	
001059	Thallium	N	E84282	6010B	9/2/2009 11:53:00AM	5	5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 2:52:00PM	0.5	0.5	ug/L	U
071900	Mercury	N	E84282	7470A	8/27/2009 1:39:00PM	0.072	0.072	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 2:52:00PM	1.5	1.5	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/27/2009 2:52:00PM	8.4	8.4	ug/L	U
001002	Arsenic	N	E84282	6010B	9/2/2009 11:53:00AM	4	4	ug/L	U
001097	Antimony	N	E84282	6010B	9/2/2009 11:53:00AM	4	4	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 2:52:00PM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	8/27/2009 2:52:00PM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 2:52:00PM	0.5	0.5	ug/L	U
001087	Vanadium	N	E84282	6010B	9/2/2009 11:53:00AM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 2:52:00PM	0.63	0.63	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.34	0.34	ug/L	U
078124	Benzene	N	E84282	8260B	8/27/2009 2:52:00PM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	8/27/2009 2:52:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 2:52:00PM	2.5	2.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 2:52:00PM	0.5	0.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 2:52:00PM	0.42	0.42	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/27/2009 9:13:00AM	0.1	0.1	mg/L	U
034311	Chloroethane	N	E84282	8260B	8/27/2009 2:52:00PM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 2:52:00PM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 2:52:00PM	2.5	2.5	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 2:52:00PM	9.9	9.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 2:52:00PM	2.5	2.5	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 2:52:00PM	3.8	3.8	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 2:52:00PM	0.85	0.85	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.52	0.52	ug/L	U
001037	Cobalt	N	E84282	6010B	9/2/2009 11:53:00AM	2	2	ug/L	U
001034	Chromium	N	E84282	6010B	9/2/2009 11:53:00AM	2	2	ug/L	U
001027	Cadmium	N	E84282	6010B	9/2/2009 11:53:00AM	1	1	ug/L	U
001042	Copper	N	E84282	6010B	9/2/2009 11:53:00AM	2.9	2.9	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 3:26:00PM	0.0042	0.0042	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 3:26:00PM	0.0026	0.0026	ug/L	U
001045	Iron	N	E84282	6010B	9/2/2009 11:53:00AM	50	50	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 2:52:00PM	1	1	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 2:52:00PM	0.44	0.44	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
Sample Date/Time: 8/26/2009 12:46:00PM
WACS Testsite ID #:
Sampling Method:
WACS Testsite Name: Equipment Blank
Permitted Well Type:
Water Classification: (I.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001007	Barium	N	E84282	6010B	9/2/2009 11:53:00AM	2	2	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 2:52:00PM	0.18	0.18	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 2:52:00PM	4	4	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.57	0.57	ug/L	U
000940	Chloride	N	E84282	300	9/4/2009 6:06:00PM	0.2	0.2	mg/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 2:52:00PM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.47	0.47	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.15	0.15	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 2:52:00PM	0.14	0.14	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 2:52:00PM	0.52	0.52	ug/L	U
001051	Lead	N	E84282	6010B	9/2/2009 11:53:00AM	2	2	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/27/2009 2:52:00PM	2.5	2.5	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.41	0.41	ug/L	U
001092	Zinc	N	E84282	6010B	9/2/2009 11:53:00AM	5	5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 2:52:00PM	1.2	1.2	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 2:52:00PM	4.4	4.4	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 2:52:00PM	0.45	0.45	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.63	0.63	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.9	0.9	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 2:52:00PM	0.65	0.65	ug/L	U
001012	Beryllium	N	E84282	6010B	9/2/2009 11:53:00AM	0.5	0.5	ug/L	U
001147	Selenium	N	E84282	6010B	9/2/2009 11:53:00AM	5	5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 2:52:00PM	0.46	0.46	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 2:52:00PM	0.44	0.44	ug/L	U
001067	Nickel	N	E84282	6010B	9/2/2009 11:53:00AM	2	2	ug/L	U

Total Parameters Monitored: 69

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #:
WACS Testsite Name: Trip Blank
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/26/2009 10:20:00AM
Sampling Method:
Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077596	Dibromomethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.41	0.41	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 6:36:00PM	0.14	0.14	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 6:36:00PM	2.5	2.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.9	0.9	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 6:36:00PM	9.9	9.9	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 6:36:00PM	1.5	1.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/27/2009 6:36:00PM	0.5	0.5	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 6:36:00PM	0.52	0.52	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 6:36:00PM	0.63	0.63	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 6:36:00PM	0.44	0.44	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 6:36:00PM	0.65	0.65	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.57	0.57	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 6:36:00PM	0.85	0.85	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 6:36:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 6:36:00PM	0.5	0.5	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/27/2009 6:36:00PM	2.5	2.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 6:36:00PM	0.42	0.42	ug/L	U
078124	Benzene	N	E84282	8260B	8/27/2009 6:36:00PM	0.5	0.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 6:36:00PM	2.5	2.5	ug/L	U
032104	Bromoform	N	E84282	8260B	8/27/2009 6:36:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.35	0.35	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.46	0.46	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 6:36:00PM	1	1	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.47	0.47	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.15	0.15	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 6:36:00PM	0.45	0.45	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 6:36:00PM	0.52	0.52	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.58	0.58	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 6:36:00PM	2.5	2.5	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.52	0.52	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 6:36:00PM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 6:36:00PM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	8/27/2009 6:36:00PM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 6:36:00PM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	8/27/2009 6:36:00PM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 6:36:00PM	4	4	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 6:36:00PM	3.8	3.8	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 6:36:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 6:36:00PM	0.18	0.18	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 6:36:00PM	0.34	0.34	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 6:36:00PM	4.4	4.4	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 6:36:00PM	1.2	1.2	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/27/2009 6:36:00PM	8.4	8.4	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
Sample Date/Time: 8/26/2009 10:20:00AM
WACS Testsite ID #:
Sampling Method:
WACS Testsite Name: Trip Blank
Permitted Well Type:
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N):

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	8/27/2009 6:36:00PM	2.5	2.5	ug/L	U

Total Parameters Monitored: 45

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Not Blank-DUP
Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 12:00:00AM
Sampling Method: Grab
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 3:12:00PM	0.52	0.52	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.9	0.9	ug/L	U
071900	Mercury	N	E84282	7470A	8/27/2009 1:41:00PM	0.072	0.072	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.15	0.15	ug/L	U
001087	Vanadium	N	E84282	6010B	9/2/2009 11:58:00AM	180	2.5	ug/L	
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.52	0.52	ug/L	U
001059	Thallium	N	E84282	6010B	9/2/2009 11:58:00AM	5	5	ug/L	U
001092	Zinc	N	E84282	6010B	9/2/2009 11:58:00AM	5	5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 3:39:00PM	0.0042	0.0042	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.47	0.47	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 3:12:00PM	0.45	0.45	ug/L	U
000929	Sodium	N	E84282	6010B	9/2/2009 11:58:00AM	3.8	0.31	mg/L	
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 3:12:00PM	2.5	2.5	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 3:12:00PM	0.18	0.18	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 3:39:00PM	0.0026	0.0026	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 3:12:00PM	3.8	3.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 3:12:00PM	1	1	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 3:12:00PM	0.42	0.42	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 3:12:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/27/2009 3:12:00PM	2.5	2.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 3:12:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 3:12:00PM	0.14	0.14	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 3:12:00PM	1.5	1.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/27/2009 3:12:00PM	0.5	0.5	ug/L	U
001077	Silver	N	E84282	6010B	9/2/2009 11:58:00AM	1	1	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 3:12:00PM	2.5	2.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 3:12:00PM	0.85	0.85	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 3:12:00PM	0.5	0.5	ug/L	U
032104	Bromoform	N	E84282	8260B	8/27/2009 3:12:00PM	0.58	0.58	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	120	5	mg/L	
001067	Nickel	N	E84282	6010B	9/2/2009 11:58:00AM	2	2	ug/L	U
001147	Selenium	N	E84282	6010B	9/2/2009 11:58:00AM	5	5	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 3:12:00PM	2.5	2.5	ug/L	U
001034	Chromium	N	E84282	6010B	9/2/2009 11:58:00AM	2.5	2	ug/L	I
034010	Toluene	N	E84282	8260B	8/27/2009 3:12:00PM	0.51	0.51	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.57	0.57	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/27/2009 9:13:00AM	0.21	0.1	mg/L	I
081595	2-Butanone	N	E84282	8260B	8/27/2009 3:12:00PM	8.4	8.4	ug/L	U
001002	Arsenic	N	E84282	6010B	9/2/2009 11:58:00AM	4	4	ug/L	U
001007	Barium	N	E84282	6010B	9/2/2009 11:58:00AM	15	2	ug/L	
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 3:12:00PM	0.5	0.5	ug/L	U
001027	Cadmium	N	E84282	6010B	9/2/2009 11:58:00AM	1	1	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Not Blank-DUP
Water Classification: LC
(I.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 8/26/2009 12:00:00AM
Sampling Method: Grab
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.34	0.34	ug/L	U
001037	Cobalt	N	E84282	6010B	9/2/2009 11:58:00AM	2	2	ug/L	U
001042	Copper	N	E84282	6010B	9/2/2009 11:58:00AM	2.9	2.9	ug/L	U
001045	Iron	N	E84282	6010B	9/2/2009 11:58:00AM	52	50	ug/L	I
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:17:00PM	0.11	0.01	mg/L	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 3:12:00PM	0.65	0.65	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 3:12:00PM	0.5	0.5	ug/L	U
001012	Beryllium	N	E84282	6010B	9/2/2009 11:58:00AM	0.5	0.5	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 3:12:00PM	9.9	9.9	ug/L	U
000940	Chloride	N	E84282	300	9/4/2009 6:35:00PM	3.5	0.4	mg/L	
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 3:12:00PM	0.52	0.52	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 3:12:00PM	0.14	0.14	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 3:12:00PM	4.4	4.4	ug/L	U
077128	Styrene	N	E84282	8260B	8/27/2009 3:12:00PM	0.98	0.98	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 3:12:00PM	1.2	1.2	ug/L	U
078124	Benzene	N	E84282	8260B	8/27/2009 3:12:00PM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.58	0.58	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 3:12:00PM	4	4	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 3:12:00PM	0.44	0.44	ug/L	U
001097	Antimony	N	E84282	6010B	9/2/2009 11:58:00AM	4	4	ug/L	U
001051	Lead	N	E84282	6010B	9/2/2009 11:58:00AM	2.1	2	ug/L	I
077596	Dibromomethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.41	0.41	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 3:12:00PM	0.44	0.44	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/27/2009 3:12:00PM	2.5	2.5	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 3:12:00PM	0.35	0.35	ug/L	U

Total Parameters Monitored: 69

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 22958
WACS Testsite Name: TH-69A
Water Classification: G-II
(I.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 10:33:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 3:33:00PM	3.8	3.8	ug/L	U
001007	Barium	N	E84282	6010B	9/2/2009 12:04:00PM	5.1	2	ug/L	I
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 3:33:00PM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.34	0.34	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.57	0.57	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 3:33:00PM	0.65	0.65	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 3:33:00PM	4.4	4.4	ug/L	U
001059	Thallium	N	E84282	6010B	9/2/2009 12:04:00PM	5	5	ug/L	U
001067	Nickel	N	E84282	6010B	9/2/2009 12:04:00PM	2	2	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	420	10	mg/L	
001097	Antimony	N	E84282	6010B	9/2/2009 12:04:00PM	4	4	ug/L	U
001077	Silver	N	E84282	6010B	9/2/2009 12:04:00PM	1	1	ug/L	U
001092	Zinc	N	E84282	6010B	9/2/2009 12:04:00PM	5	5	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/27/2009 3:33:00PM	8.4	8.4	ug/L	U
000929	Sodium	N	E84282	6010B	9/2/2009 12:04:00PM	13	0.31	mg/L	
001147	Selenium	N	E84282	6010B	9/2/2009 12:04:00PM	5	5	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/27/2009 3:33:00PM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/27/2009 3:33:00PM	0.5	0.5	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/26/2009 10:33:00AM	6.31		SU	
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 3:33:00PM	0.85	0.85	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 3:33:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 3:33:00PM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 3:33:00PM	2.5	2.5	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 3:33:00PM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 3:33:00PM	0.14	0.14	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 3:33:00PM	1	1	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:21:00PM	1.2	0.01	mg/L	
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.63	0.63	ug/L	U
032104	Bromoform	N	E84282	8260B	8/27/2009 3:33:00PM	0.58	0.58	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.35	0.35	ug/L	U
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/26/2009 10:33:00AM	0.78		mg/L	
078124	Benzene	N	E84282	8260B	8/27/2009 3:33:00PM	0.5	0.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 3:33:00PM	1.2	1.2	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 3:33:00PM	9.9	9.9	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 3:33:00PM	0.5	0.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.46	0.46	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/26/2009 10:33:00AM	2.2		NTU	
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 3:53:00PM	0.0041	0.0041	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 3:53:00PM	0.0025	0.0025	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 3:33:00PM	2.5	2.5	ug/L	U
000094	Specific Conductance	N	E84282	DEP-SOP	8/26/2009 10:33:00AM	648		umhos/cm	
032106	Trichloromethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.9	0.9	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/26/2009 10:33:00AM	23.91		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 22958
WACS Testsite Name: TH-69A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 8/26/2009 10:33:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001087	Vanadium	N	E84282	6010B	9/2/2009 12:04:00PM	2.5	2.5	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.15	0.15	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 3:33:00PM	0.18	0.18	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 3:33:00PM	0.44	0.44	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 3:33:00PM	0.52	0.52	ug/L	U
071900	Mercury	N	E84282	7470A	8/27/2009 1:43:00PM	0.072	0.072	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 3:33:00PM	0.44	0.44	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 3:33:00PM	0.63	0.63	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 3:33:00PM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.47	0.47	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 3:33:00PM	0.52	0.52	ug/L	U
001051	Lead	N	E84282	6010B	9/2/2009 12:04:00PM	2	2	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 3:33:00PM	4	4	ug/L	U
077128	Styrene	N	E84282	8260B	8/27/2009 3:33:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 3:33:00PM	0.5	0.5	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/27/2009 3:33:00PM	2.5	2.5	ug/L	U
001037	Cobalt	N	E84282	6010B	9/2/2009 12:04:00PM	2	2	ug/L	U
001045	Iron	N	E84282	6010B	9/2/2009 12:04:00PM	7300	50	ug/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 3:33:00PM	0.44	0.44	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/27/2009 9:13:00AM	0.1	0.1	mg/L	U
001002	Arsenic	N	E84282	6010B	9/2/2009 12:04:00PM	4	4	ug/L	U
001012	Beryllium	N	E84282	6010B	9/2/2009 12:04:00PM	0.5	0.5	ug/L	U
001027	Cadmium	N	E84282	6010B	9/2/2009 12:04:00PM	1	1	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/27/2009 3:33:00PM	0.41	0.41	ug/L	U
001034	Chromium	N	E84282	6010B	9/2/2009 12:04:00PM	2	2	ug/L	U
000940	Chloride	N	E84282	300	9/4/2009 7:03:00PM	46	1	mg/L	
001042	Copper	N	E84282	6010B	9/2/2009 12:04:00PM	2.9	2.9	ug/L	U
034010	Toluene	N	E84282	8260B	8/27/2009 3:33:00PM	0.51	0.51	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 3:33:00PM	0.42	0.42	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 22959

WACS Testsite Name: TH-70A

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 11:22:00AM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001087	Vanadium	N	E84282	6010B	9/2/2009 12:10:00PM	2.5	2.5	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.47	0.47	ug/L	U
001077	Silver	N	E84282	6010B	9/2/2009 12:10:00PM	1	1	ug/L	U
001147	Selenium	N	E84282	6010B	9/2/2009 12:10:00PM	5	5	ug/L	U
001067	Nickel	N	E84282	6010B	9/2/2009 12:10:00PM	2	2	ug/L	U
001037	Cobalt	N	E84282	6010B	9/2/2009 12:10:00PM	2	2	ug/L	U
000929	Sodium	N	E84282	6010B	9/2/2009 12:10:00PM	6.6	0.31	mg/L	
001042	Copper	N	E84282	6010B	9/2/2009 12:10:00PM	2.9	2.9	ug/L	U
071900	Mercury	N	E84282	7470A	8/27/2009 1:50:00PM	0.084	0.072	ug/L	I
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.52	0.52	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 4:07:00PM	0.0025	0.0025	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 4:07:00PM	0.0041	0.0041	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.63	0.63	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/26/2009 11:22:00AM	6.7		NTU	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.15	0.15	ug/L	U
001059	Thallium	N	E84282	6010B	9/2/2009 12:10:00PM	5	5	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:22:00PM	0.96	0.01	mg/L	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/26/2009 11:22:00AM	0.16		mg/L	
039180	Trichloroethene	N	E84282	8260B	8/27/2009 4:14:00PM	0.5	0.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 4:14:00PM	2.5	2.5	ug/L	U
001051	Lead	N	E84282	6010B	9/2/2009 12:10:00PM	2	2	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 4:14:00PM	0.65	0.65	ug/L	U
077128	Styrene	N	E84282	8260B	8/27/2009 4:14:00PM	0.98	0.98	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.9	0.9	ug/L	U
001045	Iron	N	E84282	6010B	9/2/2009 12:10:00PM	27000	50	ug/L	
001092	Zinc	N	E84282	6010B	9/2/2009 12:10:00PM	5	5	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 4:14:00PM	0.44	0.44	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/26/2009 11:22:00AM	23.66		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	8/26/2009 11:22:00AM	6.44		SU	
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 4:14:00PM	0.63	0.63	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 4:14:00PM	0.85	0.85	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 4:14:00PM	1	1	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 4:14:00PM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.46	0.46	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.41	0.41	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/27/2009 4:14:00PM	2.5	2.5	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 4:14:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 4:14:00PM	0.18	0.18	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 4:14:00PM	0.42	0.42	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 4:14:00PM	0.45	0.45	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/27/2009 4:14:00PM	2.5	2.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.58	0.58	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 22959
WACS Testsite Name: TH-70A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 11:22:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 4:14:00PM	1.5	1.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 4:14:00PM	2.5	2.5	ug/L	U
078124	Benzene	N	E84282	8260B	8/27/2009 4:14:00PM	0.5	0.5	ug/L	U
034010	Toluene	N	E84282	8260B	8/27/2009 4:14:00PM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 4:14:00PM	0.5	0.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 4:14:00PM	4	4	ug/L	U
000094	Specific Conductance	N	E84282	DEP-SOP	8/26/2009 11:22:00AM	388		umhos/cm	
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 4:14:00PM	2.5	2.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 4:14:00PM	1.2	1.2	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 4:14:00PM	9.9	9.9	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 4:14:00PM	3.8	3.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 4:14:00PM	4.4	4.4	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/27/2009 4:14:00PM	8.4	8.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 4:14:00PM	0.52	0.52	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 4:14:00PM	0.5	0.5	ug/L	U
032104	Bromoform	N	E84282	8260B	8/27/2009 4:14:00PM	0.58	0.58	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 4:14:00PM	0.5	0.5	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 4:14:00PM	0.52	0.52	ug/L	U
000940	Chloride	N	E84282	300	9/4/2009 7:32:00PM	21	0.4	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 4:14:00PM	0.44	0.44	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/27/2009 9:13:00AM	0.1	0.1	mg/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 4:14:00PM	0.14	0.14	ug/L	U
001097	Antimony	N	E84282	6010B	9/2/2009 12:10:00PM	4	4	ug/L	U
001002	Arsenic	N	E84282	6010B	9/2/2009 12:10:00PM	9.2	4	ug/L	I
001007	Barium	N	E84282	6010B	9/2/2009 12:10:00PM	8.4	2	ug/L	I
001012	Beryllium	N	E84282	6010B	9/2/2009 12:10:00PM	0.5	0.5	ug/L	U
001027	Cadmium	N	E84282	6010B	9/2/2009 12:10:00PM	1	1	ug/L	U
001034	Chromium	N	E84282	6010B	9/2/2009 12:10:00PM	2	2	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	200	5	mg/L	
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 4:14:00PM	0.35	0.35	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 22960
WACS Testsite Name: TH-71A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 12:03:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	9/4/2009 8:01:00PM	14	1	mg/L	
001092	Zinc	N	E84282	6010B	9/2/2009 12:16:00PM	5.8	5	ug/L	I
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 4:34:00PM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/27/2009 4:34:00PM	0.5	0.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 4:34:00PM	2.5	2.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.9	0.9	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 4:34:00PM	0.14	0.14	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	550	10	mg/L	
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 4:34:00PM	0.63	0.63	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:23:00PM	1.8	0.01	mg/L	
001147	Selenium	N	E84282	6010B	9/2/2009 12:16:00PM	5	5	ug/L	U
001077	Silver	N	E84282	6010B	9/2/2009 12:16:00PM	1	1	ug/L	U
001059	Thallium	N	E84282	6010B	9/2/2009 12:16:00PM	5	5	ug/L	U
001087	Vanadium	N	E84282	6010B	9/2/2009 12:16:00PM	2.6	2.5	ug/L	I
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 4:34:00PM	0.5	0.5	ug/L	U
001027	Cadmium	N	E84282	6010B	9/2/2009 12:16:00PM	1	1	ug/L	U
001067	Nickel	N	E84282	6010B	9/2/2009 12:16:00PM	4	2	ug/L	I
000929	Sodium	N	E84282	6010B	9/2/2009 12:16:00PM	4.2	0.31	mg/L	
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 4:34:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 4:34:00PM	0.18	0.18	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 4:34:00PM	0.45	0.45	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 4:34:00PM	9.9	9.9	ug/L	U
001007	Barium	N	E84282	6010B	9/2/2009 12:16:00PM	20	2	ug/L	
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 4:34:00PM	0.14	0.14	ug/L	U
001051	Lead	N	E84282	6010B	9/2/2009 12:16:00PM	2	2	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.58	0.58	ug/L	U
001042	Copper	N	E84282	6010B	9/2/2009 12:16:00PM	2.9	2.9	ug/L	U
001045	Iron	N	E84282	6010B	9/2/2009 12:16:00PM	21000	50	ug/L	
001034	Chromium	N	E84282	6010B	9/2/2009 12:16:00PM	2.2	2	ug/L	I
077128	Styrene	N	E84282	8260B	8/27/2009 4:34:00PM	0.98	0.98	ug/L	U
001012	Beryllium	N	E84282	6010B	9/2/2009 12:16:00PM	0.5	0.5	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.34	0.34	ug/L	U
001002	Arsenic	N	E84282	6010B	9/2/2009 12:16:00PM	4.4	4	ug/L	I
001097	Antimony	N	E84282	6010B	9/2/2009 12:16:00PM	4	4	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/27/2009 9:13:00AM	0.1	0.1	mg/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 4:34:00PM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	8/27/2009 4:34:00PM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 4:34:00PM	0.5	0.5	ug/L	U
001037	Cobalt	N	E84282	6010B	9/2/2009 12:16:00PM	2	2	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 4:34:00PM	2.5	2.5	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.52	0.52	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/27/2009 4:34:00PM	2.5	2.5	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/26/2009 12:03:00PM	24.55		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	8/26/2009 12:03:00PM	6.38		SU	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 22960
WACS Testsite Name: TH-71A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 12:03:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 4:34:00PM	0.5	0.5	ug/L	U
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/26/2009 12:03:00PM	0.24		mg/L	
082079	Turbidity	N	E84282	DEP-SOP	8/26/2009 12:03:00PM	6.1		NTU	
032104	Bromoform	N	E84282	8260B	8/27/2009 4:34:00PM	0.58	0.58	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 4:34:00PM	1.5	1.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 4:34:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 4:34:00PM	0.42	0.42	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.63	0.63	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 4:34:00PM	1.2	1.2	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 4:21:00PM	0.0026	0.0026	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 4:34:00PM	0.44	0.44	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.35	0.35	ug/L	U
078124	Benzene	N	E84282	8260B	8/27/2009 4:34:00PM	0.5	0.5	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 4:21:00PM	0.0042	0.0042	ug/L	U
071900	Mercury	N	E84282	7470A	8/27/2009 1:52:00PM	0.072	0.072	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.15	0.15	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 4:34:00PM	4.4	4.4	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 4:34:00PM	1	1	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.41	0.41	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 4:34:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 4:34:00PM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/27/2009 4:34:00PM	8.4	8.4	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 4:34:00PM	4	4	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 4:34:00PM	3.8	3.8	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 4:34:00PM	0.65	0.65	ug/L	U
000094	Specific Conductance	N	E84282	DEP-SOP	8/26/2009 12:03:00PM	750		umhos/cm	
034311	Chloroethane	N	E84282	8260B	8/27/2009 4:34:00PM	2.5	2.5	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 4:34:00PM	0.47	0.47	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 20329
WACS Testsite Name: TH-36-A
Water Classification: G-II
(I.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 12:38:00PM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 5:15:00PM	1.5	1.5	ug/L	U
077128	Styrene	N	E84282	8260B	8/27/2009 5:15:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 5:15:00PM	0.5	0.5	ug/L	U
001097	Antimony	N	E84282	6010B	9/2/2009 12:22:00PM	4	4	ug/L	U
071900	Mercury	N	E84282	7470A	8/27/2009 1:54:00PM	0.072	0.072	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 5:15:00PM	0.44	0.44	ug/L	U
001059	Thallium	N	E84282	6010B	9/2/2009 12:22:00PM	5	5	ug/L	U
000929	Sodium	N	E84282	6010B	9/2/2009 12:22:00PM	4.1	0.31	mg/L	
001077	Silver	N	E84282	6010B	9/2/2009 12:22:00PM	1	1	ug/L	U
001067	Nickel	N	E84282	6010B	9/2/2009 12:22:00PM	2	2	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/26/2009 12:38:00PM	25.2		Degrees C	
001042	Copper	N	E84282	6010B	9/2/2009 12:22:00PM	2.9	2.9	ug/L	U
001092	Zinc	N	E84282	6010B	9/2/2009 12:22:00PM	12	5	ug/L	I
001034	Chromium	N	E84282	6010B	9/2/2009 12:22:00PM	3.5	2	ug/L	I
001037	Cobalt	N	E84282	6010B	9/2/2009 12:22:00PM	2	2	ug/L	U
000940	Chloride	N	E84282	300	9/4/2009 8:30:00PM	3.2	0.4	mg/L	
000406	Field pH	N	E84282	DEP-SOP	8/26/2009 12:38:00PM	5.8		SU	
001012	Beryllium	N	E84282	6010B	9/2/2009 12:22:00PM	0.5	0.5	ug/L	U
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/26/2009 12:38:00PM	0.81		mg/L	
000094	Specific Conductance	N	E84282	DEP-SOP	8/26/2009 12:38:00PM	161		umhos/cm	
001045	Iron	N	E84282	6010B	9/2/2009 12:22:00PM	94	50	ug/L	I
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 5:15:00PM	0.42	0.42	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/27/2009 9:13:00AM	0.22	0.1	mg/L	I
082079	Turbidity	N	E84282	DEP-SOP	8/26/2009 12:38:00PM	26.1		NTU	
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 5:15:00PM	0.44	0.44	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 5:15:00PM	0.52	0.52	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 4:40:00PM	0.0041	0.0041	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.15	0.15	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.52	0.52	ug/L	U
001087	Vanadium	N	E84282	6010B	9/2/2009 12:22:00PM	160	2.5	ug/L	
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 5:15:00PM	0.18	0.18	ug/L	U
001051	Lead	N	E84282	6010B	9/2/2009 12:22:00PM	2.6	2	ug/L	I
081595	2-Butanone	N	E84282	8260B	8/27/2009 5:15:00PM	8.4	8.4	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 5:15:00PM	0.52	0.52	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 4:40:00PM	0.0025	0.0025	ug/L	U
001027	Cadmium	N	E84282	6010B	9/2/2009 12:22:00PM	1	1	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 5:15:00PM	4.4	4.4	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 5:15:00PM	3.8	3.8	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 5:15:00PM	9.9	9.9	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.57	0.57	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 5:15:00PM	0.45	0.45	ug/L	U

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 20329
WACS Testsite Name: TH-36-A
Water Classification: G-II
(I.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 12:38:00PM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 5:15:00PM	0.5	0.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 5:15:00PM	0.85	0.85	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 5:15:00PM	2.5	2.5	ug/L	U
032104	Bromoform	N	E84282	8260B	8/27/2009 5:15:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	8/27/2009 5:15:00PM	0.5	0.5	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/27/2009 5:15:00PM	2.5	2.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 5:15:00PM	2.5	2.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 5:15:00PM	2.4	1.2	ug/L	I
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:24:00PM	0.11	0.01	mg/L	
077424	Iodomethane	N	E84282	8260B	8/27/2009 5:15:00PM	2.5	2.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 5:15:00PM	0.5	0.5	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.41	0.41	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.9	0.9	ug/L	U
001147	Selenium	N	E84282	6010B	9/2/2009 12:22:00PM	5	5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/27/2009 5:15:00PM	0.5	0.5	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 5:15:00PM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 5:15:00PM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 5:15:00PM	0.44	0.44	ug/L	U
001002	Arsenic	N	E84282	6010B	9/2/2009 12:22:00PM	4	4	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 5:15:00PM	0.34	0.34	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 5:15:00PM	1	1	ug/L	U
034010	Toluene	N	E84282	8260B	8/27/2009 5:15:00PM	0.51	0.51	ug/L	U
001007	Barium	N	E84282	6010B	9/2/2009 12:22:00PM	16	2	ug/L	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 5:15:00PM	0.65	0.65	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 5:15:00PM	0.63	0.63	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	110	5	mg/L	
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 5:15:00PM	4	4	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 5:15:00PM	0.14	0.14	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 22039
WACS Testsite Name: TH-68
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 1:20:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001002	Arsenic	N	E84282	6010B	9/2/2009 12:28:00PM	4	4	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/27/2009 5:35:00PM	2.5	2.5	ug/L	U
000940	Chloride	N	E84282	300	9/4/2009 8:59:00PM	21	0.8	mg/L	
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:25:00PM	0.3	0.01	mg/L	
000620	Nitrate as N	N	E84282	353.2	8/27/2009 9:13:00AM	0.1	0.1	mg/L	U
001097	Antimony	N	E84282	6010B	9/2/2009 12:28:00PM	4	4	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 5:35:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 5:35:00PM	1.5	1.5	ug/L	U
001037	Cobalt	N	E84282	6010B	9/2/2009 12:28:00PM	2	2	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 5:35:00PM	0.44	0.44	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.41	0.41	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 5:35:00PM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 5:35:00PM	2.5	2.5	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	210	5	mg/L	
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.63	0.63	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 5:35:00PM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 5:35:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 5:35:00PM	0.18	0.18	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 5:35:00PM	1	1	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/27/2009 5:35:00PM	0.5	0.5	ug/L	U
001147	Selenium	N	E84282	6010B	9/2/2009 12:28:00PM	5	5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 5:35:00PM	0.63	0.63	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 5:35:00PM	0.45	0.45	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 5:35:00PM	0.42	0.42	ug/L	U
001077	Silver	N	E84282	6010B	9/2/2009 12:28:00PM	1	1	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 5:35:00PM	0.85	0.85	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 5:35:00PM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	6010B	9/2/2009 12:28:00PM	19	5	ug/L	I
000929	Sodium	N	E84282	6010B	9/2/2009 12:28:00PM	7.2	0.31	mg/L	
032106	Trichloromethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.9	0.9	ug/L	U
001007	Barium	N	E84282	6010B	9/2/2009 12:28:00PM	17	2	ug/L	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 5:35:00PM	0.65	0.65	ug/L	U
001067	Nickel	N	E84282	6010B	9/2/2009 12:28:00PM	2	2	ug/L	U
001051	Lead	N	E84282	6010B	9/2/2009 12:28:00PM	2	2	ug/L	U
001045	Iron	N	E84282	6010B	9/2/2009 12:28:00PM	560	50	ug/L	
001042	Copper	N	E84282	6010B	9/2/2009 12:28:00PM	2.9	2.9	ug/L	U
001034	Chromium	N	E84282	6010B	9/2/2009 12:28:00PM	3.6	2	ug/L	I
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 5:35:00PM	0.5	0.5	ug/L	U
001027	Cadmium	N	E84282	6010B	9/2/2009 12:28:00PM	1	1	ug/L	U
001087	Vanadium	N	E84282	6010B	9/2/2009 12:28:00PM	3.9	2.5	ug/L	I
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 5:35:00PM	1.2	1.2	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 5:35:00PM	0.5	0.5	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 22039
WACS Testsite Name: TH-68
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 1:20:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077128	Styrene	N	E84282	8260B	8/27/2009 5:35:00PM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 5:35:00PM	4	4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 5:35:00PM	0.52	0.52	ug/L	U
032104	Bromoform	N	E84282	8260B	8/27/2009 5:35:00PM	0.58	0.58	ug/L	U
034010	Toluene	N	E84282	8260B	8/27/2009 5:35:00PM	0.51	0.51	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	8/27/2009 5:35:00PM	0.5	0.5	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 5:35:00PM	3.8	3.8	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 5:35:00PM	2.5	2.5	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/27/2009 5:35:00PM	2.5	2.5	ug/L	U
071900	Mercury	N	E84282	7470A	8/27/2009 1:56:00PM	0.12	0.072	ug/L	I
001059	Thallium	N	E84282	6010B	9/2/2009 12:28:00PM	5	5	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/27/2009 5:35:00PM	8.4	8.4	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 4:54:00PM	0.0025	0.0025	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 5:35:00PM	9.9	9.9	ug/L	U
001012	Beryllium	N	E84282	6010B	9/2/2009 12:28:00PM	0.5	0.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 5:35:00PM	0.44	0.44	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.46	0.46	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 4:54:00PM	0.0041	0.0041	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.47	0.47	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/26/2009 1:20:00PM	14.8		NTU	
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.35	0.35	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 5:35:00PM	0.14	0.14	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 5:35:00PM	4.4	4.4	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/26/2009 1:20:00PM	5.78		SU	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 5:35:00PM	0.15	0.15	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/26/2009 1:20:00PM	27.17		Degrees C	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/26/2009 1:20:00PM	1.23		mg/L	
000094	Specific Conductance	N	E84282	DEP-SOP	8/26/2009 1:20:00PM	273		umhos/cm	

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 20494
WACS Testsite Name: TH-64
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 1:46:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001051	Lead	N	E84282	6010B	9/2/2009 12:34:00PM	2	2	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 5:56:00PM	0.45	0.45	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/27/2009 9:13:00AM	0.1	0.1	mg/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 5:56:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 5:56:00PM	0.52	0.52	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.63	0.63	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 5:56:00PM	0.18	0.18	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	260	5	mg/L	
001002	Arsenic	N	E84282	6010B	9/2/2009 12:34:00PM	4	4	ug/L	U
001007	Barium	N	E84282	6010B	9/2/2009 12:34:00PM	38	2	ug/L	
001012	Beryllium	N	E84282	6010B	9/2/2009 12:34:00PM	0.5	0.5	ug/L	U
001027	Cadmium	N	E84282	6010B	9/2/2009 12:34:00PM	1	1	ug/L	U
001037	Cobalt	N	E84282	6010B	9/2/2009 12:34:00PM	2	2	ug/L	U
001045	Iron	N	E84282	6010B	9/2/2009 12:34:00PM	620	50	ug/L	
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.52	0.52	ug/L	U
081598	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 5:56:00PM	3.8	3.8	ug/L	U
001034	Chromium	N	E84282	6010B	9/2/2009 12:34:00PM	2	2	ug/L	U
071900	Mercury	N	E84282	7470A	8/27/2009 1:58:00PM	0.093	0.072	ug/L	I
032104	Bromoform	N	E84282	8260B	8/27/2009 5:56:00PM	0.58	0.58	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 5:56:00PM	4.4	4.4	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.46	0.46	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 5:56:00PM	9.9	9.9	ug/L	U
000940	Chloride	N	E84282	300	9/4/2009 9:28:00PM	45	0.8	mg/L	
078124	Benzene	N	E84282	8260B	8/27/2009 5:56:00PM	0.5	0.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 5:56:00PM	1.2	1.2	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:26:00PM	0.33	0.01	mg/L	
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.47	0.47	ug/L	U
001092	Zinc	N	E84282	6010B	9/2/2009 12:34:00PM	5	5	ug/L	U
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/26/2009 1:46:00PM	0.48		mg/L	
000094	Specific Conductance	N	E84282	DEP-SOP	8/26/2009 1:46:00PM	378		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	8/26/2009 1:46:00PM	4		NTU	
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 5:07:00PM	0.0026	0.0026	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/26/2009 1:46:00PM	25.82		Degrees C	
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 5:56:00PM	0.52	0.52	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.58	0.58	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/27/2009 5:56:00PM	2.5	2.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 5:56:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 5:56:00PM	0.5	0.5	ug/L	U
001087	Vanadium	N	E84282	6010B	9/2/2009 12:34:00PM	4.1	2.5	ug/L	I
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 5:56:00PM	0.44	0.44	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.15	0.15	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 5:56:00PM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.34	0.34	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 20494
WACS Testsite Name: TH-64
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 1:46:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 5:56:00PM	1.5	1.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 5:56:00PM	1	1	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/27/2009 5:56:00PM	8.4	8.4	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 5:56:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 5:56:00PM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 5:56:00PM	0.85	0.85	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 5:56:00PM	2.5	2.5	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.35	0.35	ug/L	U
001067	Nickel	N	E84282	6010B	9/2/2009 12:34:00PM	2	2	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 5:07:00PM	0.0042	0.0042	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 5:56:00PM	0.65	0.65	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 5:56:00PM	0.44	0.44	ug/L	U
001077	Silver	N	E84282	6010B	9/2/2009 12:34:00PM	1	1	ug/L	U
001147	Selenium	N	E84282	6010B	9/2/2009 12:34:00PM	5	5	ug/L	U
001059	Thallium	N	E84282	6010B	9/2/2009 12:34:00PM	5	5	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/26/2009 1:46:00PM	5.1		SU	
032106	Trichloromethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.9	0.9	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 5:56:00PM	2.5	2.5	ug/L	U
000929	Sodium	N	E84282	6010B	9/2/2009 12:34:00PM	11	0.31	mg/L	
077424	Iodomethane	N	E84282	8260B	8/27/2009 5:56:00PM	2.5	2.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 5:56:00PM	4	4	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/27/2009 5:56:00PM	0.5	0.5	ug/L	U
001042	Copper	N	E84282	6010B	9/2/2009 12:34:00PM	2.9	2.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 5:56:00PM	2.5	2.5	ug/L	U
077128	Styrene	N	E84282	8260B	8/27/2009 5:56:00PM	0.98	0.98	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/27/2009 5:56:00PM	0.41	0.41	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 5:56:00PM	0.14	0.14	ug/L	U
001097	Antimony	N	E84282	6010B	9/2/2009 12:34:00PM	4	4	ug/L	U
034010	Toluene	N	E84282	8260B	8/27/2009 5:56:00PM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 5:56:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 22595
WACS Testsite Name: 61 A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 2:16:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001045	Iron	N	E84282	6010B	9/2/2009 12:39:00PM	75	50	ug/L	I
001092	Zinc	N	E84282	6010B	9/2/2009 12:39:00PM	5	5	ug/L	U
001087	Vanadium	N	E84282	6010B	9/2/2009 12:39:00PM	180	2.5	ug/L	
001059	Thallium	N	E84282	6010B	9/2/2009 12:39:00PM	5	5	ug/L	U
000929	Sodium	N	E84282	6010B	9/2/2009 12:39:00PM	3.3	0.31	mg/L	
001077	Silver	N	E84282	6010B	9/2/2009 12:39:00PM	1	1	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/26/2009 2:16:00PM	5.91		SU	
001147	Selenium	N	E84282	6010B	9/2/2009 12:39:00PM	5	5	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/27/2009 9:13:00AM	0.26	0.1	mg/L	I
001051	Lead	N	E84282	6010B	9/2/2009 12:39:00PM	3	2	ug/L	I
001097	Antimony	N	E84282	6010B	9/2/2009 12:39:00PM	5.7	4	ug/L	I
001042	Copper	N	E84282	6010B	9/2/2009 12:39:00PM	2.9	2.9	ug/L	U
001037	Cobalt	N	E84282	6010B	9/2/2009 12:39:00PM	2	2	ug/L	U
001034	Chromium	N	E84282	6010B	9/2/2009 12:39:00PM	6.1	2	ug/L	I
001012	Beryllium	N	E84282	6010B	9/2/2009 12:39:00PM	0.5	0.5	ug/L	U
001002	Arsenic	N	E84282	6010B	9/2/2009 12:39:00PM	4	4	ug/L	U
001007	Barium	N	E84282	6010B	9/2/2009 12:39:00PM	61	2	ug/L	
001027	Cadmium	N	E84282	6010B	9/2/2009 12:39:00PM	1.4	1	ug/L	I
039180	Trichloroethene	N	E84282	8260B	8/27/2009 6:16:00PM	0.5	0.5	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:58:00PM	0.16	0.01	mg/L	
034311	Chloroethane	N	E84282	8260B	8/27/2009 6:16:00PM	2.5	2.5	ug/L	U
071900	Mercury	N	E84282	7470A	8/27/2009 2:01:00PM	0.081	0.072	ug/L	I
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/1/2009 9:28:00AM	110	5	mg/L	
081551	Xylenes, Total	N	E84282	8260B	8/27/2009 6:16:00PM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/27/2009 6:16:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/27/2009 6:16:00PM	1.5	1.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 6:16:00PM	0.44	0.44	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/27/2009 6:16:00PM	0.44	0.44	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/27/2009 6:16:00PM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 6:16:00PM	0.14	0.14	ug/L	U
000940	Chloride	N	E84282	300	9/4/2009 10:55:00PM	4.9	0.4	mg/L	
034010	Toluene	N	E84282	8260B	8/27/2009 6:16:00PM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/27/2009 6:16:00PM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	8/27/2009 6:16:00PM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/27/2009 6:16:00PM	4	4	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/27/2009 6:16:00PM	2.5	2.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.9	0.9	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/27/2009 6:16:00PM	3.8	3.8	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/27/2009 6:16:00PM	0.14	0.14	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/27/2009 6:16:00PM	1	1	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.34	0.34	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/27/2009 6:16:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/27/2009 6:16:00PM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/27/2009 6:16:00PM	0.85	0.85	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 22595
WACS Testsite Name: 61 A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 2:16:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/26/2009 2:16:00PM	2.3		mg/L	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/27/2009 6:16:00PM	0.65	0.65	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.47	0.47	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/27/2009 6:16:00PM	2.5	2.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/27/2009 6:16:00PM	1.2	1.2	ug/L	U
078124	Benzene	N	E84282	8260B	8/27/2009 6:16:00PM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	8/27/2009 6:16:00PM	0.58	0.58	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/27/2009 6:16:00PM	2.5	2.5	ug/L	U
081552	Acetone	N	E84282	8260B	8/27/2009 6:16:00PM	9.9	9.9	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.41	0.41	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.46	0.46	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/27/2009 6:16:00PM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/27/2009 6:16:00PM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/27/2009 6:16:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/27/2009 6:16:00PM	0.18	0.18	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/27/2009 6:16:00PM	0.45	0.45	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/27/2009 6:16:00PM	4.4	4.4	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/27/2009 6:16:00PM	8.4	8.4	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.15	0.15	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.52	0.52	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/27/2009 6:16:00PM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 5:21:00PM	0.0041	0.0041	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 5:21:00PM	0.0025	0.0025	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/26/2009 2:16:00PM	26.3		NTU	
000094	Specific Conductance	N	E84282	DEP-SOP	8/26/2009 2:16:00PM	162		umhos/cm	
001067	Nickel	N	E84282	6010B	9/2/2009 12:39:00PM	2.2	2	ug/L	I
000010	Field Temperature	N	E84282	DEP-SOP	8/26/2009 2:16:00PM	26.62		Degrees C	

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

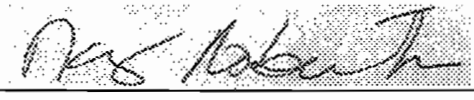
ANALYTICAL REPORT

Job Number: 660-31288-1

Job Description: SELF Monitoring Program

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
9/15/2009 5:55 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
09/15/2009

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Tallahassee 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-J31288-1

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

GC/MS VOA
Method 8260B: The laboratory control sample (LCS) for batch 83975 was outside control limits bias high for Acetone and 2-Hexanone. The associated samples are non detect for these compounds and are flagged with J3. A full analyte spike does not require all compounds to be in control.

Method 8260B: The matrix spike (MS) recoveries and duplicate sample for batch 83975 were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

General Chemistry
Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 84070 associated with sample TH-65 were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria. The sample is flagged with J3.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31288-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31288-1	**TH-66**					
Field pH		6.08			SU	Field Sampling
Field Temperature		25.87			Degrees C	Field Sampling
Oxygen, Dissolved		0.12			mg/L	Field Sampling
Specific Conductance		273			umhos/cm	Field Sampling
Turbidity		2.0			NTU	Field Sampling
Chloride		20		0.50	mg/L	300.0
Ammonia (as N)		0.45		0.020	mg/L	350.1
Total Dissolved Solids		170		5.0	mg/L	SM 2540C
Total Recoverable						
Arsenic		5.3	I	10	ug/L	6010B
Barium		2.8	I	10	ug/L	6010B
Iron		2300		200	ug/L	6010B
Sodium		5.9		0.50	mg/L	6010B
660-31288-2	**TH-67**					
Mercury		0.084	I	0.20	ug/L	7470A
Field pH		6.36			SU	Field Sampling
Field Temperature		27.13			Degrees C	Field Sampling
Oxygen, Dissolved		4.70			mg/L	Field Sampling
Specific Conductance		277			umhos/cm	Field Sampling
Turbidity		3.7			NTU	Field Sampling
Chloride		32		0.50	mg/L	300.0
Ammonia (as N)		0.50		0.020	mg/L	350.1
Total Dissolved Solids		160		5.0	mg/L	SM 2540C
Total Recoverable						
Barium		3.5	I	10	ug/L	6010B
Iron		2000		200	ug/L	6010B
Sodium		8.0		0.50	mg/L	6010B
Vanadium		9.4	I	10	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31288-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-31288-3	**TH-65**					
Field pH		5.80			SU	Field Sampling
Field Temperature		24.84			Degrees C	Field Sampling
Oxygen, Dissolved		0.81			mg/L	Field Sampling
Specific Conductance		277			umhos/cm	Field Sampling
Turbidity		3.7			NTU	Field Sampling
Chloride		13		0.50	mg/L	300.0
Ammonia (as N)		1.4	J3	0.020	mg/L	350.1
Total Dissolved Solids		200		5.0	mg/L	SM 2540C
Total Recoverable						
Arsenic		10		10	ug/L	6010B
Barium		2.1	I	10	ug/L	6010B
Chromium		3.1	I	10	ug/L	6010B
Cobalt		2.4	I	10	ug/L	6010B
Copper		3.2	I	10	ug/L	6010B
Iron		5600		200	ug/L	6010B
Nickel		3.9	I	8.0	ug/L	6010B
Sodium		15		0.50	mg/L	6010B
Vanadium		4.3	I	10	ug/L	6010B
Zinc		15	I	20	ug/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-31288-1

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 TAL	EPA 8011	
Microextraction	TAL TAL		SW846 8011
Metals (ICP)	TAL TAM	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL TAM		SW846 3005A
Mercury (CVAA)	TAL TAM	SW846 7470A	
Preparation, Mercury	TAL TAM		SW846 7470A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrate	TAL TAM	MCAWW 353.2	
Solids, Total Dissolved (TDS)	TAL TAL	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

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.

TestAmerica
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METHOD / ANALYST SUMMARY

Client: Hillsborough County

Job Number: 660-31288-1

Method	Analyst	Analyst ID
SW846 8260B	Harris, Chris	CH
EPA 8011	Kelly, Cheryl A	CAK
SW846 6010B	Fox, Greg	GF
SW846 7470A	Canales, Richard	RC
EPA Field Sampling	Atkins, Amy	AA
MCAWW 300.0	Petterson, Alyssa	AP
MCAWW 350.1	Mathew, Pinky	PM
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2540C	Office, Trey	TO

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-31288-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-31288-1	TH-66	Water	08/27/2009 1055	08/27/2009 1450
660-31288-2	TH-67	Water	08/27/2009 1142	08/27/2009 1450
660-31288-3	TH-65	Water	08/27/2009 1104	08/27/2009 1450
660-31288-4TB	Travel Blank	Water	08/27/2009 1040	08/27/2009 1450

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31288-1

Client Sample ID: TH-66
Lab Sample ID: 660-31288-1

Date Sampled: 08/27/2009 1055
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/28/2009 1743		
Prep Method: 5030B			Date Prepared:	08/28/2009 1743		
Acetone	9.9	U J3	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U J3	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31288-1

Client Sample ID: TH-66
Lab Sample ID: 660-31288-1

Date Sampled: 08/27/2009 1055
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	105		%		70 - 130	
Dibromofluoromethane	98		%		70 - 130	
Toluene-d8 (Surr)	111		%		70 - 130	
Method: 8011			Date Analyzed:		09/09/2009 1735	
Prep Method: 8011			Date Prepared:		09/08/2009 1230	
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:		09/03/2009 1046	
Prep Method: 3005A			Date Prepared:		09/02/2009 0925	
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	5.3	I	ug/L	4.0	10	1.0
Barium	2.8	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	2300		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	5.9		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:		08/28/2009 1413	
Prep Method: 7470A			Date Prepared:		08/28/2009 0903	
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:		09/04/2009 2344	
Chloride	20		mg/L	0.20	0.50	1.0

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Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31288-1

Client Sample ID: TH-66
Lab Sample ID: 660-31288-1

Date Sampled: 08/27/2009 1055
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:	09/01/2009 1209		
Ammonia (as N)	0.45		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/28/2009 0936		
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:	09/02/2009 1328		
Total Dissolved Solids	170		mg/L	5.0	5.0	1.0

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Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31288-1

Client Sample ID: TH-66
Lab Sample ID: 660-31288-1

Date Sampled: 08/27/2009 1055
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/27/2009 1055		
Field pH	6.08	SU			1.0
Field Temperature	25.87	Degrees C			1.0
Oxygen, Dissolved	0.12	mg/L			1.0
Specific Conductance	273	umhos/cm			1.0
Turbidity	2.0	NTU			1.0

Mr. David S Adams
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Solid Waste Management Department
601 East Kennedy Blvd
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Tampa, FL 33601

Job Number: 660-31288-1

Client Sample ID: TH-67
Lab Sample ID: 660-31288-2

Date Sampled: 08/27/2009 1142
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/28/2009 1806		
Prep Method: 5030B			Date Prepared:	08/28/2009 1806		
Acetone	9.9	U J3	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U J3	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31288-1

Client Sample ID: TH-67
Lab Sample ID: 660-31288-2

Date Sampled: 08/27/2009 1142
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	106		%		70 - 130	
Dibromofluoromethane	99		%		70 - 130	
Toluene-d8 (Surr)	113		%		70 - 130	
Method: 8011			Date Analyzed:	09/09/2009 1749		
Prep Method: 8011			Date Prepared:	09/08/2009 1230		
1,2-Dibromo-3-Chloropropane	0.0026	U	ug/L	0.0026	0.019	1.0
Ethylene Dibromide	0.0042	U	ug/L	0.0042	0.019	1.0
Method: Total Recoverable-6010B			Date Analyzed:	09/03/2009 1052		
Prep Method: 3005A			Date Prepared:	09/02/2009 0925		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	4.0	U	ug/L	4.0	10	1.0
Barium	3.5	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Cobalt	2.0	U	ug/L	2.0	10	1.0
Copper	2.9	U	ug/L	2.9	10	1.0
Iron	2000		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	2.0	U	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	8.0		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	9.4	I	ug/L	2.5	10	1.0
Zinc	5.0	U	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/28/2009 1416		
Prep Method: 7470A			Date Prepared:	08/28/2009 0903		
Mercury	0.084	I	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/05/2009 0016		
Chloride	32		mg/L	0.20	0.50	1.0

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Job Number: 660-31288-1

Client Sample ID: TH-67
Lab Sample ID: 660-31288-2

Date Sampled: 08/27/2009 1142
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		09/01/2009 1210	
Ammonia (as N)	0.50		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/28/2009 0936	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		09/02/2009 1328	
Total Dissolved Solids	160		mg/L	5.0	5.0	1.0

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Job Number: 660-31288-1

Client Sample ID: TH-67
Lab Sample ID: 660-31288-2

Date Sampled: 08/27/2009 1142
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/27/2009 1142		
Field pH	6.36	SU			1.0
Field Temperature	27.13	Degrees C			1.0
Oxygen, Dissolved	4.70	mg/L			1.0
Specific Conductance	277	umhos/cm			1.0
Turbidity	3.7	NTU			1.0

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Job Number: 660-31288-1

Client Sample ID: TH-65
Lab Sample ID: 660-31288-3

Date Sampled: 08/27/2009 1104
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/28/2009 1829		
Prep Method: 5030B			Date Prepared:	08/28/2009 1829		
Acetone	9.9	U J3	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U J3	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31288-1

Client Sample ID: TH-65
Lab Sample ID: 660-31288-3

Date Sampled: 08/27/2009 1104
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	107		%		70 - 130	
Dibromofluoromethane	94		%		70 - 130	
Toluene-d8 (Surr)	112		%		70 - 130	
Method: 8011			Date Analyzed:	09/09/2009 1803		
Prep Method: 8011			Date Prepared:	09/08/2009 1230		
1,2-Dibromo-3-Chloropropane	0.0025	U	ug/L	0.0025	0.018	1.0
Ethylene Dibromide	0.0041	U	ug/L	0.0041	0.018	1.0
Method: Total Recoverable-6010B			Date Analyzed:	09/03/2009 1058		
Prep Method: 3005A			Date Prepared:	09/02/2009 0925		
Antimony	4.0	U	ug/L	4.0	20	1.0
Arsenic	10		ug/L	4.0	10	1.0
Barium	2.1	I	ug/L	2.0	10	1.0
Beryllium	0.50	U	ug/L	0.50	2.0	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	3.1	I	ug/L	2.0	10	1.0
Cobalt	2.4	I	ug/L	2.0	10	1.0
Copper	3.2	I	ug/L	2.9	10	1.0
Iron	5600		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Nickel	3.9	I	ug/L	2.0	8.0	1.0
Selenium	5.0	U	ug/L	5.0	20	1.0
Silver	1.0	U	ug/L	1.0	4.0	1.0
Sodium	15		mg/L	0.31	0.50	1.0
Thallium	5.0	U	ug/L	5.0	20	1.0
Vanadium	4.3	I	ug/L	2.5	10	1.0
Zinc	15	I	ug/L	5.0	20	1.0
Method: 7470A			Date Analyzed:	08/28/2009 1418		
Prep Method: 7470A			Date Prepared:	08/28/2009 0903		
Mercury	0.072	U	ug/L	0.072	0.20	1.0
Method: 300.0			Date Analyzed:	09/05/2009 0049		
Chloride	13		mg/L	0.20	0.50	1.0

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Job Number: 660-31288-1

Client Sample ID: TH-65
Lab Sample ID: 660-31288-3

Date Sampled: 08/27/2009 1104
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 350.1			Date Analyzed:		09/01/2009 1211	
Ammonia (as N)	1.4	J3	mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:		08/28/2009 0936	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 2540C			Date Analyzed:		09/02/2009 1328	
Total Dissolved Solids	200		mg/L	5.0	5.0	1.0

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Job Number: 660-31288-1

Client Sample ID: TH-65
Lab Sample ID: 660-31288-3

Date Sampled: 08/27/2009 1104
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/27/2009 1104		
Field pH	5.80	SU			1.0
Field Temperature	24.84	Degrees C			1.0
Oxygen, Dissolved	0.81	mg/L			1.0
Specific Conductance	277	umhos/cm			1.0
Turbidity	3.7	NTU			1.0

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Job Number: 660-31288-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-31288-4

Date Sampled: 08/27/2009 1040
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/28/2009 1636		
Prep Method: 5030B			Date Prepared:	08/28/2009 1636		
Acetone	9.9	U J3	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	100	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	0.85	U	ug/L	0.85	1.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U J3	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-31288-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-31288-4

Date Sampled: 08/27/2009 1040
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene	107	%	70 - 130
Dibromofluoromethane	97	%	70 - 130
Toluene-d8 (Surr)	111	%	70 - 130

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-31288-1

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Method Blank - Batch: 660-83975

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-83975/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1241
Date Prepared: 08/28/2009 1241

Analysis Batch: 660-83975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JH2812.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	100
Benzene	0.50	U	0.50	1.0
Bromochloromethane	0.58	U	0.58	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
2-Butanone	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
Chloroethane	2.5	U	2.5	5.0
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
Dibromochloromethane	0.34	U	0.34	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone	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
Trichloromethane	0.90	U	0.90	1.0

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Method Blank - Batch: 660-83975

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-83975/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1241
Date Prepared: 08/28/2009 1241

Analysis Batch: 660-83975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JH2812.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	104	70 - 130
Dibromofluoromethane	97	70 - 130
Toluene-d8 (Surr)	112	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Lab Control Sample - Batch: 660-83975

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-83975/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1133
Date Prepared: 08/28/2009 1133

Analysis Batch: 660-83975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JH2809.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	182	182	62 - 142	J3
Acrylonitrile	200	245	122	10 - 183	
Benzene	20.0	18.0	90	64 - 140	
Bromochloromethane	20.0	18.1	90	59 - 130	
Bromodichloromethane	20.0	16.9	84	70 - 130	
Bromoform	20.0	15.2	76	65 - 130	
Bromomethane	20.0	22.8	114	14 - 184	
2-Butanone	100	136	136	63 - 140	
Carbon disulfide	10.0	8.33	83	30 - 184	
Carbon tetrachloride	20.0	16.6	83	53 - 145	
Chlorobenzene	20.0	18.0	90	70 - 130	
Chloroethane	20.0	15.6	78	39 - 174	
Chloromethane	20.0	19.3	96	35 - 153	
cis-1,2-Dichloroethene	20.0	17.6	88	61 - 130	
cis-1,3-Dichloropropene	20.0	16.9	85	70 - 130	
Dibromochloromethane	20.0	15.6	78	70 - 130	
Dibromomethane	20.0	17.9	89	70 - 130	
1,2-Dichlorobenzene	20.0	17.0	85	70 - 130	
1,4-Dichlorobenzene	20.0	17.2	86	70 - 130	
1,1-Dichloroethane	20.0	18.4	92	60 - 132	
1,2-Dichloroethane	20.0	17.5	88	70 - 130	
1,1-Dichloroethene	20.0	21.2	106	51 - 157	
1,2-Dichloropropane	20.0	18.5	93	70 - 130	
Ethylbenzene	20.0	18.0	90	69 - 131	
2-Hexanone	100	149	149	57 - 148	J3
Iodomethane	20.0	20.2	101	70 - 130	
Methylene Chloride	20.0	26.1	130	57 - 130	
4-Methyl-2-pentanone	100	122	122	64 - 137	
Styrene	20.0	16.7	83	62 - 136	
1,1,1,2-Tetrachloroethane	20.0	15.2	76	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	19.5	97	67 - 130	
Tetrachloroethene	20.0	19.5	98	47 - 143	
Toluene	20.0	18.4	92	70 - 131	
trans-1,4-Dichloro-2-butene	20.0	21.6	108	70 - 130	
trans-1,2-Dichloroethene	20.0	18.9	95	55 - 145	
trans-1,3-Dichloropropene	20.0	16.4	82	62 - 130	
1,1,1-Trichloroethane	20.0	18.5	92	57 - 135	
1,1,2-Trichloroethane	20.0	17.0	85	69 - 130	
Trichloroethene	20.0	16.8	84	59 - 142	
Trichlorofluoromethane	20.0	25.6	128	62 - 147	
Trichloromethane	20.0	17.1	85	59 - 130	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Lab Control Sample - Batch: 660-83975

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 660-83975/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1133
Date Prepared: 08/28/2009 1133

Analysis Batch: 660-83975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JH2809.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	20.0	19.2	96	62 - 130	
Vinyl acetate	30.4	16.4	54	10 - 166	
Vinyl chloride	20.0	20.1	101	48 - 147	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Matrix Spike - Batch: 660-83975

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31289-C-3 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1940
Date Prepared: 08/28/2009 1940

Analysis Batch: 660-83975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JH2830.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	100	162	162	62 - 142	J3
Acrylonitrile	1.2	U	200	234	117	10 - 183	
Benzene	0.50	U	20.0	25.5	128	64 - 140	
Bromochloromethane	0.58	U	20.0	22.2	111	59 - 130	
Bromodichloromethane	0.35	U	20.0	24.7	124	70 - 130	
Bromoform	0.58	U	20.0	19.4	97	65 - 130	
Bromomethane	2.5	U	20.0	21.7	108	14 - 184	
2-Butanone	8.4	U	100	128	128	63 - 140	
Carbon disulfide	1.3		10.0	12.3	110	30 - 184	
Carbon tetrachloride	0.42	U	20.0	23.5	118	53 - 145	
Chlorobenzene	0.63	U	20.0	24.9	124	70 - 130	
Chloroethane	2.5	U	20.0	13.5	67	39 - 174	
Chloromethane	1.0	U	20.0	17.4	87	35 - 153	
cis-1,2-Dichloroethene	0.65	U	20.0	24.5	122	61 - 130	
cis-1,3-Dichloropropene	0.14	U	20.0	22.4	112	70 - 130	
Dibromochloromethane	0.34	U	20.0	23.2	116	70 - 130	
Dibromomethane	0.41	U	20.0	23.5	117	70 - 130	
1,2-Dichlorobenzene	0.44	U	20.0	21.9	109	70 - 130	
1,4-Dichlorobenzene	0.52	U	20.0	23.0	115	70 - 130	
1,1-Dichloroethane	0.52	U	20.0	26.2	131	60 - 132	
1,2-Dichloroethane	0.57	U	20.0	23.0	115	70 - 130	
1,1-Dichloroethene	0.45	U	20.0	28.5	142	51 - 157	
1,2-Dichloropropane	0.52	U	20.0	26.1	130	70 - 130	
Ethylbenzene	0.44	U	20.0	25.0	125	69 - 131	
2-Hexanone	4.4	U	100	156	156	57 - 148	J3
Iodomethane	2.5	U	20.0	21.5	107	70 - 130	
Methylene Chloride	4.0	U	20.0	25.1	126	57 - 130	
4-Methyl-2-pentanone	3.8	U	100	135	135	64 - 137	
Styrene	0.98	U	20.0	22.5	112	62 - 136	
1,1,1,2-Tetrachloroethane	0.63	U	20.0	20.9	104	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	20.0	25.6	128	67 - 130	
Tetrachloroethene	0.50	U	20.0	23.2	116	47 - 143	
Toluene	0.51	U	20.0	27.8	139	70 - 131	J3
trans-1,4-Dichloro-2-butene	2.5	U	20.0	23.3	117	70 - 130	
trans-1,2-Dichloroethene	0.44	U	20.0	25.6	128	55 - 145	
trans-1,3-Dichloropropene	0.14	U	20.0	21.4	107	62 - 130	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Matrix Spike - Batch: 660-83975

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31289-C-3 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1940
Date Prepared: 08/28/2009 1940

Analysis Batch: 660-83975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JH2830.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.46	U	20.0	25.7	128	57 - 135	
1,1,2-Trichloroethane	0.47	U	20.0	23.2	116	69 - 130	
Trichloroethene	0.50	U	20.0	21.6	108	59 - 142	
Trichlorofluoromethane	2.5	U	20.0	18.6	93	62 - 147	
Trichloromethane	0.90	U	20.0	23.6	118	59 - 130	
1,2,3-Trichloropropane	0.18	U	20.0	22.7	113	62 - 130	
Vinyl acetate	1.5	U	30.4	16.4	54	10 - 166	
Vinyl chloride	0.50	U	20.0	16.6	83	48 - 147	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Duplicate - Batch: 660-83975

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31289-C-3 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1527
Date Prepared: 08/28/2009 1527

Analysis Batch: 660-83975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JH2819.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
Bromochloromethane	0.58	U	0.58	NC	30	U
Bromodichloromethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone	8.4	U	8.4	NC	30	U
Carbon disulfide	1.3		2.75	75	30	J3
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chloroethane	2.5	U	2.5	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
Dibromochloromethane	0.34	U	0.34	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
1,2-Dichlorobenzene	0.44	U	0.44	NC	30	U
1,4-Dichlorobenzene	0.52	U	0.52	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U J3
Iodomethane	2.5	U	2.5	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
4-Methyl-2-pentanone	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

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Duplicate - Batch: 660-83975

Method: 8260B
Preparation: 5030B

Lab Sample ID: 660-31289-C-3 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1527
Date Prepared: 08/28/2009 1527

Analysis Batch: 660-83975
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JH2819.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
Trichloromethane	0.90	U	0.90	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	103	70 - 130
Dibromofluoromethane	100	70 - 130
Toluene-d8 (Surr)	114	70 - 130

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Method Blank - Batch: 640-60532

Method: 8011
Preparation: 8011

Lab Sample ID: MB 640-60532/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1349
Date Prepared: 09/08/2009 1230

Analysis Batch: 640-60613
Prep Batch: 640-60532
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 2I08L012.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0027	U	0.0027	0.020
Ethylene Dibromide	0.0044	U	0.0044	0.020

Surrogate	% Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	112	56 - 144

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-60532

Method: 8011
Preparation: 8011

LCS Lab Sample ID: LCS 640-60532/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1403
Date Prepared: 09/08/2009 1230

Analysis Batch: 640-60613
Prep Batch: 640-60532
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 2I08L013.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 640-60532/13-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2009 1416
Date Prepared: 09/08/2009 1230

Analysis Batch: 640-60613
Prep Batch: 640-60532
Units: ug/L

Instrument ID: SGL HP6890
Lab File ID: 2I08L014.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2.0 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	106	109	89 - 132	3	11		
Ethylene Dibromide	94	96	85 - 118	2	12		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	102	108	56 - 144

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-60532

Method: 8011
Preparation: 8011

MS Lab Sample ID:	640-23564-H-1-A MS	Analysis Batch: 640-60613	Instrument ID: SGL HP6890
Client Matrix:	Water	Prep Batch: 640-60532	Lab File ID: 2I08L015.D
Dilution:	1.0		Initial Weight/Volume: 17.5 mL
Date Analyzed:	09/09/2009 1430		Final Weight/Volume: 2.0 mL
Date Prepared:	09/08/2009 1230		Injection Volume: 2 uL
			Column ID: PRIMARY
MSD Lab Sample ID:	640-23564-H-1-B MSD	Analysis Batch: 640-60613	Instrument ID: SGL HP6890
Client Matrix:	Water	Prep Batch: 640-60532	Lab File ID: 2I08L016.D
Dilution:	1.0		Initial Weight/Volume: 17.5 mL
Date Analyzed:	09/09/2009 1444		Final Weight/Volume: 2.0 mL
Date Prepared:	09/08/2009 1230		Injection Volume: 2 uL
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2-Dibromo-3-Chloropropane	104	108	89 - 132	3	11		
Ethylene Dibromide	98	97	85 - 118	1	12		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,1,1,2-Tetrachloroethane	108	103	56 - 144

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Method Blank - Batch: 660-84115

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 660-84115/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 0941
Date Prepared: 09/02/2009 0925

Analysis Batch: 660-84201
Prep Batch: 660-84115
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9I03A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-84115

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 660-84115/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 0941
Date Prepared: 09/02/2009 0925

Analysis Batch: 660-84201
Prep Batch: 660-84115
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9I03A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Antimony	4.0	U	4.0	20
Arsenic	4.0	U	4.0	10
Barium	2.0	U	2.0	10
Beryllium	0.50	U	0.50	2.0
Cadmium	1.0	U	1.0	4.0
Chromium	2.0	U	2.0	10
Cobalt	2.0	U	2.0	10
Copper	2.9	U	2.9	10
Iron	50	U	50	200
Lead	2.0	U	2.0	10
Nickel	2.0	U	2.0	8.0
Selenium	5.0	U	5.0	20
Silver	1.0	U	1.0	4.0
Thallium	5.0	U	5.0	20
Vanadium	2.5	U	2.5	10
Zinc	5.0	U	5.0	20

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Lab Control Sample - Batch: 660-84115

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-84115/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 0947
Date Prepared: 09/02/2009 0925

Analysis Batch: 660-84201
Prep Batch: 660-84115
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9I03A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	10.2	102	75 - 125	

Lab Control Sample - Batch: 660-84115

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-84115/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 0947
Date Prepared: 09/02/2009 0925

Analysis Batch: 660-84201
Prep Batch: 660-84115
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 9I03A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	1000	965	97	75 - 125	
Arsenic	1000	1020	102	75 - 125	
Barium	1000	987	99	75 - 125	
Beryllium	1000	1030	103	75 - 125	
Cadmium	1000	1070	107	75 - 125	
Chromium	990	1000	101	75 - 125	
Cobalt	1000	1000	100	75 - 125	
Copper	1000	1010	101	75 - 125	
Iron	1000	1030	103	75 - 125	
Lead	1000	1060	106	75 - 125	
Nickel	1000	1050	105	75 - 125	
Selenium	1000	990	99	75 - 125	
Silver	1000	988	99	75 - 125	
Thallium	1000	1040	104	75 - 125	
Vanadium	1000	1030	103	75 - 125	
Zinc	1000	1070	107	75 - 125	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-84115

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	660-31289-B-1-B MS	Analysis Batch: 660-84201	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-84115	Lab File ID: 9I03A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/03/2009 1005		Final Weight/Volume: 50 mL
Date Prepared:	09/02/2009 0925		

MSD Lab Sample ID:	660-31289-B-1-C MSD	Analysis Batch: 660-84201	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-84115	Lab File ID: 9I03A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/03/2009 1011		Final Weight/Volume: 50 mL
Date Prepared:	09/02/2009 0925		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sodium	104	108	75 - 125	1	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-84115

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	660-31289-B-1-B MS	Analysis Batch: 660-84201	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-84115	Lab File ID: 9I03A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/03/2009 1005		Final Weight/Volume: 50 mL
Date Prepared:	09/02/2009 0925		

MSD Lab Sample ID:	660-31289-B-1-C MSD	Analysis Batch: 660-84201	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-84115	Lab File ID: 9I03A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/03/2009 1011		Final Weight/Volume: 50 mL
Date Prepared:	09/02/2009 0925		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	98	98	75 - 125	0	20		
Arsenic	104	104	75 - 125	0	20		
Barium	99	98	75 - 125	0	20		
Beryllium	105	105	75 - 125	0	20		
Cadmium	105	105	75 - 125	0	20		
Chromium	101	102	75 - 125	0	20		
Cobalt	99	99	75 - 125	0	20		
Copper	102	102	75 - 125	0	20		
Iron	103	103	75 - 125	0	20		
Lead	105	105	75 - 125	0	20		
Nickel	103	103	75 - 125	0	20		
Selenium	100	100	75 - 125	0	20		
Silver	99	99	75 - 125	0	20		
Thallium	103	103	75 - 125	0	20		
Vanadium	104	104	75 - 125	0	20		
Zinc	106	106	75 - 125	0	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Method Blank - Batch: 660-83898

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 660-83898/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1345
Date Prepared: 08/28/2009 0903

Analysis Batch: 660-83968
Prep Batch: 660-83898
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Mercury	0.072	U	0.072	0.20

Lab Control Sample - Batch: 660-83898

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 660-83898/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1348
Date Prepared: 08/28/2009 0903

Analysis Batch: 660-83968
Prep Batch: 660-83898
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.978	98	80 - 120	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-83898

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 660-31262-A-6-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1356
Date Prepared: 08/28/2009 0903

Analysis Batch: 660-83968
Prep Batch: 660-83898

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

MSD Lab Sample ID: 660-31262-A-6-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1358
Date Prepared: 08/28/2009 0903

Analysis Batch: 660-83968
Prep Batch: 660-83898

Instrument ID: Hg Analyzer
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
Mercury	102	98	80 - 120	4	20		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Method Blank - Batch: 660-84284

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-84284/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/04/2009 1609
Date Prepared: N/A

Analysis Batch: 660-84284
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-84284

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-84284/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/04/2009 1641
Date Prepared: N/A

Analysis Batch: 660-84284
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.99	100	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-84284

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 640-23596-F-1 MS
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 09/04/2009 2239
Date Prepared: N/A

Analysis Batch: 660-84284
Prep Batch: N/A

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

MSD Lab Sample ID: 640-23596-F-1 MSD
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 09/04/2009 2311
Date Prepared: N/A

Analysis Batch: 660-84284
Prep Batch: N/A

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

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

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Method Blank - Batch: 660-84070

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-84070/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1152
Date Prepared: N/A

Analysis Batch: 660-84070
Prep Batch: N/A
Units: mg/L

Instrument ID: Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

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

Lab Control Sample - Batch: 660-84070

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-84070/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1153
Date Prepared: N/A

Analysis Batch: 660-84070
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia (as N)	0.500	0.502	100	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-84070

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-31288-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1212
Date Prepared: N/A

Analysis Batch: 660-84070
Prep Batch: N/A

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

MSD Lab Sample ID: 660-31288-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/01/2009 1213
Date Prepared: N/A

Analysis Batch: 660-84070
Prep Batch: N/A

Instrument ID: Autoanalyzer
Lab File ID: N/A
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)	124	129	90 - 110	2	30	J3	J3

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Method Blank - Batch: 660-83981

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-83981/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0936
Date Prepared: N/A

Analysis Batch: 660-83981
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	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: 660-83981

Method: 353.2
Preparation: N/A

Lab Sample ID: LCS 660-83981/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 0936
Date Prepared: N/A

Analysis Batch: 660-83981
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.979	98	90 - 110	
Nitrite as N	1.00	0.991	99	90 - 110	

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-83981

Method: 353.2
Preparation: N/A

MS Lab Sample ID:	660-31288-1	Analysis Batch: 660-83981	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/28/2009 0936		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-31288-1	Analysis Batch: 660-83981	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	08/28/2009 0936		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	100	100	90 - 110	0	30		
Nitrite as N	95	94	90 - 110	2	30		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Method Blank - Batch: 640-60381

Method: SM 2540C
Preparation: N/A

Lab Sample ID: MB 640-60381/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 1327
Date Prepared: N/A

Analysis Batch: 640-60381
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

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

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-60381

Method: SM 2540C
Preparation: N/A

LCS Lab Sample ID: LCS 640-60381/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 1327
Date Prepared: N/A

Analysis Batch: 640-60381
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 200 mL

LCSD Lab Sample ID: LCSD 640-60381/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 1327
Date Prepared: N/A

Analysis Batch: 640-60381
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 200 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Dissolved Solids	97	96	80 - 120	1	25		

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-1

Duplicate - Batch: 640-60381

Method: SM 2540C
Preparation: N/A

Lab Sample ID: 640-23560-A-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/02/2009 1327
Date Prepared: N/A

Analysis Batch: 640-60381
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	50	50.0	1	25	

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6060-31288

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 7AM

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT 8-4-09 | 4:00

LOCATION: TH-66 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☒ A.Balloon ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:

				DATE	TIME
TOTAL DEPTH OF WELL:	21.30 Ft.	PURGE STARTED:		8-27-09	10:12
DEPTH TO WATER:	7.58 Ft. 7.58	PURGE RATE:		.20	GPM.
LENGTH OF WATER COL:	13.77 Ft.			DATE	TIME
VOLUME TO PURGE:	2.2 Gal.	PURGE ENDED:		8-27-09	10:55
	6.6	ACT. VOL. PURGED:		8.6	GAL.

43 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	10:45	25.86	276	6.05	0.15	2.0
AB	10:50	25.87	274	6.07	0.15	2.2
AB	10:55	25.87	273	6.08	0.12	2.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

16 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-27-09 | 10:55

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 _____ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-27-09 | 2:50
ACCEPTED BY: Amanda Adams REP. OF CONTRACT LAB. 8-27-09 | 2:50

COMMENT`S: WO#0027
WAC# 20531

3.4°C CU07

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6060-31288

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 | 1726

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-67 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☒ A.Balloon ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 15.25 Ft.
DEPTH TO WATER: 3.87 Ft.
LENGTH OF WATER COL: 11.38 Ft.
VOLUME TO PURGE: 1.8 Gal.
5.4

	DATE	TIME
PURGE STARTED:	8-27-09	11:05
PURGE RATE:	20 GPM.	
PURGE ENDED:	8-27-09	11:42
ACT. VOL. PURGED:	7.4 GAL.	

37 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
A	11:32	27.13	278	6.36	4.77	4.0
AB	11:37	27.13	279	6.36	4.71	4.2
A	11:42	27.13	278	6.38	4.70	3.7

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-27-09 | 11:42

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-27-09 2:50
ACCEPTED BY: Amanda Stamm REP. OF CONTRACT LAB. 8-27-09 2:50

COMMENT`S: 400700020
WAC# 20532

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THE LEADER IN ENVIRONMENTAL TESTING

6060-31088

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/1 12:00

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 4:00

LOCATION: TH-65 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☒ A.Balloon ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 23.00 Ft.
DEPTH TO WATER: 13.88 Ft.
LENGTH OF WATER COL: 9.12 Ft.
VOLUME TO PURGE: 1.4 Gal.
4.2

	DATE	TIME
PURGE STARTED:	8-27-09	10:33
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-27-09	11:04
ACT. VOL. PURGED:	6.2	GAL.

3.1 mw

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AJ	10:54	24.87	277	5.81	0.86	4.2
AB	10:59	24.84	277	5.80	0.82	4.0
AJ	11:04	24.84	277	5.80	0.81	3.7

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED	
DATE	TIME
8-27-09	11:04

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-27-09 2:50
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-27-09 2:50

COMMENT`S: WO#40220
WAC # 20530

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6600-31288

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TRAVEL BLANK SAMPLE MATRIX: WATER OTHER MATRIX: /

PERSONAL ENGAGED IN SAMPLE COLLECTION: ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	8-27-09	10:40

2 TOTAL No. OF SAMPLES COLLECTED:

ANALYSIS REQUESTED:

EPA 8260

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME

RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-27-09 | 2:50

ACCEPTED BY: Amanda Adams REP. OF CONTRACT LAB. 8-27-09 | 2:50

COMMENT`S: WO#0020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 660-31288 Logged In TALS By Amanda Harrison

Cooler Received on (date) 8/27/09 And Opened By (full name) Amanda Harrison

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

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 3.4 Degrees Celsius CH07

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

   All containers pH < 2 ? Y/A If not please comment below:

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

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

6. Number of HNO3 (nitric acid) preserved containers: 3

   All containers pH < 2 ? Y/A If not please comment below:

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

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

8. Number of Unpreserved containers: 6

   All containers pH between 6 and 8? Y/A If not please comment below:

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

   If yes, which samples? _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31288-1

Login Number: 31288
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	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4 degrees C CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31288-1

Login Number: 31288
Creator: Snead, Joshua
List Number: 1

List Source: TestAmerica Tallahassee
List Creation: 08/29/09 11:50 AM

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 20531

WACS Testsite Name: TH-66

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/27/2009 10:55:00AM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001042	Copper	N	E84282	6010B	9/3/2009 10:46:00AM	2.9	2.9	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.41	0.41	ug/L	U
001092	Zinc	N	E84282	6010B	9/3/2009 10:46:00AM	5	5	ug/L	U
001087	Vanadium	N	E84282	6010B	9/3/2009 10:46:00AM	2.5	2.5	ug/L	U
001059	Thallium	N	E84282	6010B	9/3/2009 10:46:00AM	5	5	ug/L	U
000929	Sodium	N	E84282	6010B	9/3/2009 10:46:00AM	5.9	0.31	mg/L	
001051	Lead	N	E84282	6010B	9/3/2009 10:46:00AM	2	2	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.63	0.63	ug/L	U
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:09:00PM	0.45	0.01	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/28/2009 5:43:00PM	0.44	0.44	ug/L	U
001037	Cobalt	N	E84282	6010B	9/3/2009 10:46:00AM	2	2	ug/L	U
001034	Chromium	N	E84282	6010B	9/3/2009 10:46:00AM	2	2	ug/L	U
001012	Beryllium	N	E84282	6010B	9/3/2009 10:46:00AM	0.5	0.5	ug/L	U
001002	Arsenic	N	E84282	6010B	9/3/2009 10:46:00AM	5.3	4	ug/L	I
001097	Antimony	N	E84282	6010B	9/3/2009 10:46:00AM	4	4	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/28/2009 9:36:00AM	0.1	0.1	mg/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/28/2009 5:43:00PM	0.5	0.5	ug/L	U
001067	Nickel	N	E84282	6010B	9/3/2009 10:46:00AM	2	2	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/28/2009 5:43:00PM	2.5	2.5	ug/L	U
001007	Barium	N	E84282	6010B	9/3/2009 10:46:00AM	2.8	2	ug/L	I
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/2/2009 1:28:00PM	170	5	mg/L	
077057	Vinyl acetate	N	E84282	8260B	8/28/2009 5:43:00PM	1.5	1.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.9	0.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/28/2009 5:43:00PM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/28/2009 5:43:00PM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/28/2009 5:43:00PM	0.5	0.5	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/28/2009 5:43:00PM	0.18	0.18	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/28/2009 5:43:00PM	0.14	0.14	ug/L	U
001045	Iron	N	E84282	6010B	9/3/2009 10:46:00AM	2300	50	ug/L	
034010	Toluene	N	E84282	8260B	8/28/2009 5:43:00PM	0.51	0.51	ug/L	U
077128	Styrene	N	E84282	8260B	8/28/2009 5:43:00PM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/28/2009 5:43:00PM	4	4	ug/L	U
000940	Chloride	N	E84282	300	9/4/2009 11:44:00PM	20	0.2	mg/L	
001147	Selenium	N	E84282	6010B	9/3/2009 10:46:00AM	5	5	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/28/2009 5:43:00PM	0.44	0.44	ug/L	U
071900	Mercury	N	E84282	7470A	8/28/2009 2:13:00PM	0.072	0.072	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/28/2009 5:43:00PM	2.5	2.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.58	0.58	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/28/2009 5:43:00PM	1	1	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/28/2009 5:43:00PM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/28/2009 5:43:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/28/2009 5:43:00PM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/28/2009 5:43:00PM	0.85	0.85	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/28/2009 5:43:00PM	0.52	0.52	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 20531
WACS Testsite Name: TH-66
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 8/27/2009 10:55:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001077	Silver	N	E84282	6010B	9/3/2009 10:46:00AM	1	1	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/28/2009 5:43:00PM	0.52	0.52	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.35	0.35	ug/L	U
078124	Benzene	N	E84282	8260B	8/28/2009 5:43:00PM	0.5	0.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/28/2009 5:43:00PM	1.2	1.2	ug/L	U
081552	Acetone	N	E84282	8260B	8/28/2009 5:43:00PM	9.9	9.9	ug/L	JU
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/28/2009 5:43:00PM	3.8	3.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/28/2009 5:43:00PM	4.4	4.4	ug/L	JU
032105	Dibromochloromethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.34	0.34	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/28/2009 5:43:00PM	2.5	2.5	ug/L	U
032104	Bromoform	N	E84282	8260B	8/28/2009 5:43:00PM	0.58	0.58	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 5:35:00PM	0.0026	0.0026	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/28/2009 5:43:00PM	0.44	0.44	ug/L	U
001027	Cadmium	N	E84282	6010B	9/3/2009 10:46:00AM	1	1	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/28/2009 5:43:00PM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.47	0.47	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.57	0.57	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.46	0.46	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/28/2009 5:43:00PM	0.65	0.65	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 5:35:00PM	0.0042	0.0042	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/28/2009 5:43:00PM	0.14	0.14	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/27/2009 10:55:00AM	2		NTU	
000094	Specific Conductance	N	E84282	DEP-SOP	8/27/2009 10:55:00AM	273		umhos/cm	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/27/2009 10:55:00AM	0.12		mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	8/27/2009 10:55:00AM	25.87		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	8/27/2009 10:55:00AM	6.08		SU	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/28/2009 5:43:00PM	0.15	0.15	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/28/2009 5:43:00PM	0.5	0.5	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/28/2009 5:43:00PM	8.4	8.4	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 20532
WACS Testsite Name: TH-67
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/27/2009 11:42:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:10:00PM	0.5	0.01	mg/L	
001042	Copper	N	E84282	6010B	9/3/2009 10:52:00AM	2.9	2.9	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/27/2009 11:42:00AM	6.36		SU	
001087	Vanadium	N	E84282	6010B	9/3/2009 10:52:00AM	9.4	2.5	ug/L	I
001059	Thallium	N	E84282	6010B	9/3/2009 10:52:00AM	5	5	ug/L	U
000929	Sodium	N	E84282	6010B	9/3/2009 10:52:00AM	8	0.31	mg/L	
001077	Silver	N	E84282	6010B	9/3/2009 10:52:00AM	1	1	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/28/2009 6:06:00PM	0.85	0.85	ug/L	U
001067	Nickel	N	E84282	6010B	9/3/2009 10:52:00AM	2	2	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/28/2009 6:06:00PM	4	4	ug/L	U
001045	Iron	N	E84282	6010B	9/3/2009 10:52:00AM	2000	50	ug/L	
032105	Dibromochloromethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.34	0.34	ug/L	U
001037	Cobalt	N	E84282	6010B	9/3/2009 10:52:00AM	2	2	ug/L	U
001034	Chromium	N	E84282	6010B	9/3/2009 10:52:00AM	2	2	ug/L	U
001027	Cadmium	N	E84282	6010B	9/3/2009 10:52:00AM	1	1	ug/L	U
001012	Beryllium	N	E84282	6010B	9/3/2009 10:52:00AM	0.5	0.5	ug/L	U
001007	Barium	N	E84282	6010B	9/3/2009 10:52:00AM	3.5	2	ug/L	I
001147	Selenium	N	E84282	6010B	9/3/2009 10:52:00AM	5	5	ug/L	U
001097	Antimony	N	E84282	6010B	9/3/2009 10:52:00AM	4	4	ug/L	U
001092	Zinc	N	E84282	6010B	9/3/2009 10:52:00AM	5	5	ug/L	U
000940	Chloride	N	E84282	300	9/5/2009 12:16:00AM	32	0.2	mg/L	
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/2/2009 1:28:00PM	160	5	mg/L	
081551	Xylenes, Total	N	E84282	8260B	8/28/2009 6:06:00PM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/28/2009 6:06:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/28/2009 6:06:00PM	1.5	1.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.9	0.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/28/2009 6:06:00PM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/28/2009 6:06:00PM	0.5	0.5	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/28/2009 6:06:00PM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/28/2009 6:06:00PM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/28/2009 6:06:00PM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	8/28/2009 6:06:00PM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/28/2009 6:06:00PM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	8/28/2009 6:06:00PM	0.98	0.98	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/28/2009 6:06:00PM	2.5	2.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.46	0.46	ug/L	U
000620	Nitrate as N	N	E84282	353.2	8/28/2009 9:36:00AM	0.1	0.1	mg/L	U
034413	Bromomethane	N	E84282	8260B	8/28/2009 6:06:00PM	2.5	2.5	ug/L	U
001002	Arsenic	N	E84282	6010B	9/3/2009 10:52:00AM	4	4	ug/L	U
071900	Mercury	N	E84282	7470A	8/28/2009 2:16:00PM	0.084	0.072	ug/L	I
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/28/2009 6:06:00PM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/28/2009 6:06:00PM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/28/2009 6:06:00PM	1	1	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/28/2009 6:06:00PM	2.5	2.5	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 9/15/2009
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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 20532
WACS Testsite Name: TH-67
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/27/2009 11:42:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034301	Chlorobenzene	N	E84282	8260B	8/28/2009 6:06:00PM	0.63	0.63	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.47	0.47	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/28/2009 6:06:00PM	0.52	0.52	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/27/2009 11:42:00AM	27.13		Degrees C	
077596	Dibromomethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.41	0.41	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	8/28/2009 6:06:00PM	0.5	0.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	8/28/2009 6:06:00PM	1.2	1.2	ug/L	U
081552	Acetone	N	E84282	8260B	8/28/2009 6:06:00PM	9.9	9.9	ug/L	JU
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/28/2009 6:06:00PM	3.8	3.8	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/28/2009 6:06:00PM	0.42	0.42	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.15	0.15	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/28/2009 6:06:00PM	0.44	0.44	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/28/2009 6:06:00PM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/28/2009 6:06:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/28/2009 6:06:00PM	0.18	0.18	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/28/2009 6:06:00PM	0.45	0.45	ug/L	U
032104	Bromoform	N	E84282	8260B	8/28/2009 6:06:00PM	0.58	0.58	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/28/2009 6:06:00PM	8.4	8.4	ug/L	U
001051	Lead	N	E84282	6010B	9/3/2009 10:52:00AM	2	2	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/28/2009 6:06:00PM	4.4	4.4	ug/L	JU
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 5:49:00PM	0.0042	0.0042	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 5:49:00PM	0.0026	0.0026	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	8/27/2009 11:42:00AM	3.7		NTU	
000094	Specific Conductance	N	E84282	DEP-SOP	8/27/2009 11:42:00AM	277		umhos/cm	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/27/2009 11:42:00AM	4.7		mg/L	
034496	1,1-Dichloroethane	N	E84282	8260B	8/28/2009 6:06:00PM	0.52	0.52	ug/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 20530
WACS Testsite Name: TH-65
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/27/2009 11:04:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	8/28/2009 6:29:00PM	2.5	2.5	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/28/2009 6:29:00PM	8.4	8.4	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.47	0.47	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	8/27/2009 11:04:00AM	24.84		Degrees C	
000299	Oxygen, Dissolved	N	E84282	DEP-SOP	8/27/2009 11:04:00AM	0.81		mg/L	
000094	Specific Conductance	N	E84282	DEP-SOP	8/27/2009 11:04:00AM	277		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	8/27/2009 11:04:00AM	3.7		NTU	
038437	1,2-Dibromo-3-Chloropropane	N	E81005	8011	9/9/2009 6:03:00PM	0.0025	0.0025	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	8/27/2009 11:04:00AM	5.8		SU	
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.63	0.63	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/28/2009 6:29:00PM	0.14	0.14	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.15	0.15	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/28/2009 6:29:00PM	0.52	0.52	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	8/28/2009 6:29:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/28/2009 6:29:00PM	0.18	0.18	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/28/2009 6:29:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.57	0.57	ug/L	U
077651	Ethylene Dibromide	N	E81005	8011	9/9/2009 6:03:00PM	0.0041	0.0041	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/28/2009 6:29:00PM	2.5	2.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/28/2009 6:29:00PM	0.85	0.85	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/28/2009 6:29:00PM	4.4	4.4	ug/L	JU
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/28/2009 6:29:00PM	3.8	3.8	ug/L	U
081552	Acetone	N	E84282	8260B	8/28/2009 6:29:00PM	9.9	9.9	ug/L	JU
034215	Acrylonitrile	N	E84282	8260B	8/28/2009 6:29:00PM	1.2	1.2	ug/L	U
078124	Benzene	N	E84282	8260B	8/28/2009 6:29:00PM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.58	0.58	ug/L	U
032104	Bromoform	N	E84282	8260B	8/28/2009 6:29:00PM	0.58	0.58	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.41	0.41	ug/L	U
071900	Mercury	N	E84282	7470A	8/28/2009 2:18:00PM	0.072	0.072	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/28/2009 6:29:00PM	0.52	0.52	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/28/2009 6:29:00PM	0.42	0.42	ug/L	U
077128	Styrene	N	E84282	8260B	8/28/2009 6:29:00PM	0.98	0.98	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/28/2009 6:29:00PM	2.5	2.5	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/28/2009 6:29:00PM	2.5	2.5	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/28/2009 6:29:00PM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/28/2009 6:29:00PM	1	1	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.35	0.35	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/28/2009 6:29:00PM	0.5	0.5	ug/L	U
001092	Zinc	N	E84282	6010B	9/3/2009 10:58:00AM	15	5	ug/L	I
001042	Copper	N	E84282	6010B	9/3/2009 10:58:00AM	3.2	2.9	ug/L	I
034488	Trichlorofluoromethane	N	E84282	8260B	8/28/2009 6:29:00PM	2.5	2.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/28/2009 6:29:00PM	4	4	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/28/2009 6:29:00PM	0.5	0.5	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
WACS Testsite ID #: 20530
WACS Testsite Name: TH-65
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 8/27/2009 11:04:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034010	Toluene	N	E84282	8260B	8/28/2009 6:29:00PM	0.51	0.51	ug/L	U
001087	Vanadium	N	E84282	6010B	9/3/2009 10:58:00AM	4.3	2.5	ug/L	I
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/28/2009 6:29:00PM	0.14	0.14	ug/L	U
001097	Antimony	N	E84282	6010B	9/3/2009 10:58:00AM	4	4	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/28/2009 6:29:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/28/2009 6:29:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/28/2009 6:29:00PM	0.5	0.5	ug/L	U
070300	Total Dissolved Solids	N	E81005	SM 2540C	9/2/2009 1:28:00PM	200	5	mg/L	
000940	Chloride	N	E84282	300	9/5/2009 12:49:00AM	13	0.2	mg/L	
034371	Ethylbenzene	N	E84282	8260B	8/28/2009 6:29:00PM	0.44	0.44	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/28/2009 6:29:00PM	0.63	0.63	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/28/2009 6:29:00PM	0.44	0.44	ug/L	U
001027	Cadmium	N	E84282	6010B	9/3/2009 10:58:00AM	1	1	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.46	0.46	ug/L	U
032106	Trichloromethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.9	0.9	ug/L	U
001059	Thallium	N	E84282	6010B	9/3/2009 10:58:00AM	5	5	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/28/2009 6:29:00PM	0.34	0.34	ug/L	U
001002	Arsenic	N	E84282	6010B	9/3/2009 10:58:00AM	10	4	ug/L	
001012	Beryllium	N	E84282	6010B	9/3/2009 10:58:00AM	0.5	0.5	ug/L	U
001051	Lead	N	E84282	6010B	9/3/2009 10:58:00AM	2	2	ug/L	U
001034	Chromium	N	E84282	6010B	9/3/2009 10:58:00AM	3.1	2	ug/L	I
001067	Nickel	N	E84282	6010B	9/3/2009 10:58:00AM	3.9	2	ug/L	I
000929	Sodium	N	E84282	6010B	9/3/2009 10:58:00AM	15	0.31	mg/L	
001077	Silver	N	E84282	6010B	9/3/2009 10:58:00AM	1	1	ug/L	U
001007	Barium	N	E84282	6010B	9/3/2009 10:58:00AM	2.1	2	ug/L	I
001147	Selenium	N	E84282	6010B	9/3/2009 10:58:00AM	5	5	ug/L	U
001037	Cobalt	N	E84282	6010B	9/3/2009 10:58:00AM	2.4	2	ug/L	I
000610	Ammonia (as N)	N	E84282	350.1	9/1/2009 12:11:00PM	1.4	0.01	mg/L	J
001045	Iron	N	E84282	6010B	9/3/2009 10:58:00AM	5600	50	ug/L	
000620	Nitrate as N	N	E84282	353.2	8/28/2009 9:36:00AM	0.1	0.1	mg/L	U

Total Parameters Monitored: 74

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #:
WACS Testsite Name: Trip Blank
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/27/2009 10:40:00AM
Sampling Method:
Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034501	1,1-Dichloroethene	N	E84282	8260B	8/28/2009 4:36:00PM	0.45	0.45	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	8/28/2009 4:36:00PM	2.5	2.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.46	0.46	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.52	0.52	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	8/28/2009 4:36:00PM	0.18	0.18	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.63	0.63	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	8/28/2009 4:36:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	8/28/2009 4:36:00PM	0.52	0.52	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.15	0.15	ug/L	U
081595	2-Butanone	N	E84282	8260B	8/28/2009 4:36:00PM	8.4	8.4	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	8/28/2009 4:36:00PM	0.85	0.85	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	8/28/2009 4:36:00PM	3.8	3.8	ug/L	U
081552	Acetone	N	E84282	8260B	8/28/2009 4:36:00PM	9.9	9.9	ug/L	JU
034215	Acrylonitrile	N	E84282	8260B	8/28/2009 4:36:00PM	1.2	1.2	ug/L	U
078124	Benzene	N	E84282	8260B	8/28/2009 4:36:00PM	0.5	0.5	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	8/28/2009 4:36:00PM	0.58	0.58	ug/L	U
077103	2-Hexanone	N	E84282	8260B	8/28/2009 4:36:00PM	4.4	4.4	ug/L	JU
032106	Trichloromethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.9	0.9	ug/L	U
034413	Bromomethane	N	E84282	8260B	8/28/2009 4:36:00PM	2.5	2.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.58	0.58	ug/L	U
077424	Iodomethane	N	E84282	8260B	8/28/2009 4:36:00PM	2.5	2.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	8/28/2009 4:36:00PM	0.52	0.52	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	8/28/2009 4:36:00PM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	8/28/2009 4:36:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	8/28/2009 4:36:00PM	1.5	1.5	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.34	0.34	ug/L	U
034311	Chloroethane	N	E84282	8260B	8/28/2009 4:36:00PM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	8/28/2009 4:36:00PM	0.63	0.63	ug/L	U
077596	Dibromomethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.41	0.41	ug/L	U
034418	Chloromethane	N	E84282	8260B	8/28/2009 4:36:00PM	1	1	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	8/28/2009 4:36:00PM	0.65	0.65	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	8/28/2009 4:36:00PM	0.44	0.44	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	8/28/2009 4:36:00PM	0.44	0.44	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	8/28/2009 4:36:00PM	4	4	ug/L	U
077128	Styrene	N	E84282	8260B	8/28/2009 4:36:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	8/28/2009 4:36:00PM	0.5	0.5	ug/L	U
034010	Toluene	N	E84282	8260B	8/28/2009 4:36:00PM	0.51	0.51	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	8/28/2009 4:36:00PM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	8/28/2009 4:36:00PM	2.5	2.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	8/28/2009 4:36:00PM	0.42	0.42	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	8/28/2009 4:36:00PM	0.47	0.47	ug/L	U
039180	Trichloroethene	N	E84282	8260B	8/28/2009 4:36:00PM	0.5	0.5	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WACS Facility ID #: 41193
Sample Date/Time: 8/27/2009 10:40:00AM
WACS Testsite ID #:
Sampling Method:
WACS Testsite Name: Trip Blank
Permitted Well Type:
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034704	cis-1,3-Dichloropropene	N	E84282	8260B	8/28/2009 4:36:00PM	0.14	0.14	ug/L	U

Total Parameters Monitored: 45

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

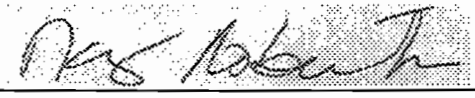
ANALYTICAL REPORT

Job Number: 660-31216-2

Job Description: Southeast Landfill Surface Sites

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
10/30/2009 12:54 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
10/30/2009

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Savannah E87052

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

Job Narrative
660-31216-2

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

Metals
Thallium was originally analyzed by method 6010B ICP. The GCTL was not meet and therefore the samples were re analyzed within hold time by method 6020 ICPMS.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31216-2

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-31216-2

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Metals (ICP/MS)	TAL SAV	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

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

METHOD / ANALYST SUMMARY

Client: Hillsborough County

Job Number: 660-31216-2

Method	Analyst	Analyst ID
SW846 6020	Robertson, Bryn	BR

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-31216-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-31216-1	Surface Site 3A	Water	08/24/2009 1500	08/24/2009 1600
660-31216-2	Surface Site 3B2B	Water	08/24/2009 1435	08/24/2009 1600
660-31216-3	Surface Site 3C2	Water	08/24/2009 1412	08/24/2009 1600
660-31216-4	Mine Cut #1	Water	08/24/2009 1327	08/24/2009 1600
660-31216-5	Equipment Blank	Water	08/24/2009 1315	08/24/2009 1600

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-2

Client Sample ID: Surface Site 3A
Lab Sample ID: 660-31216-1

Date Sampled: 08/24/2009 1500
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/16/2009 2240	
Prep Method: 3005A			Date Prepared:		10/15/2009 1542	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-2

Client Sample ID: Surface Site 3B2B
Lab Sample ID: 660-31216-2

Date Sampled: 08/24/2009 1435
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/16/2009 2301	
Prep Method: 3005A			Date Prepared:		10/15/2009 1542	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-2

Client Sample ID: Surface Site 3C2
Lab Sample ID: 660-31216-3

Date Sampled: 08/24/2009 1412
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/16/2009 2343	
Prep Method: 3005A			Date Prepared:		10/15/2009 1542	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-2

Client Sample ID: Mine Cut #1
Lab Sample ID: 660-31216-4

Date Sampled: 08/24/2009 1327
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/16/2009 2349	
Prep Method: 3005A			Date Prepared:		10/15/2009 1542	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31216-2

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31216-5

Date Sampled: 08/24/2009 1315
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:	10/16/2009 2336		
Prep Method: 3005A			Date Prepared:	10/15/2009 1542		
Thallium	0.50	U	ug/L	0.50	1.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-31216-2

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31216-2

Method Blank - Batch: 680-150664

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-150664/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2009 2140
Date Prepared: 10/15/2009 1542

Analysis Batch: 680-150921
Prep Batch: 680-150664
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Thallium	0.50	U	0.50	1.0

Lab Control Sample - Batch: 680-150664

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-150664/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2009 2146
Date Prepared: 10/15/2009 1542

Analysis Batch: 680-150921
Prep Batch: 680-150664
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Thallium	40.0	37.8	95	75 - 125	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-150664

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 660-31216-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2009 2322
Date Prepared: 10/15/2009 1542

Analysis Batch: 680-150921
Prep Batch: 680-150664

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

MSD Lab Sample ID: 660-31216-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2009 2329
Date Prepared: 10/15/2009 1542

Analysis Batch: 680-150921
Prep Batch: 680-150664

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

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Thallium	90	91	75 - 125	1	20		

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

660 - 31216

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/17/09 | 1200

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-5-09 2:00

LOCATION: **SURFACE SITE 3A** SAMPLE MATRIX: **WATER** OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☑ A.Balloon ☑ D.Pannell

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	3:00	26.25	~~232~~ 247	~~6.88~~ 6.32	2.69	8.2

COLORS & SHEENS: YES clear (NO) SHEENS

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
1	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC	2	500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
3	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
3	BACTERIAL		BACTERIAL	

18 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED DATE | TIME
8-24-09 | 2:00

ANALYSIS REQUESTED:

BOD5 CHLOROPHYLL-A COD COPPER FECAL COLIFORM IRON
MERCURY NITRATE NITROGEN TDS TOC TOTAL HARDNESS
TOTAL NITROGEN TOTAL PHOSPHATE TSS UNIONIZED AMMONIA ZINC

Parameters LISTED IN 40 CFR PART 258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-24-09 4:00
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-24-09 4:00

COMMENTS: WO # 00020
WACS # 836
2.3 2.1, 2.5 C
CWO 7

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-5-09 2:00

LOCATION: **SURFACE SITE 3B2B** SAMPLE MATRIX: **WATER** OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☒ A.Balloon ☐ D.Pannell

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB pf	2:35	25.81	232	6.88	4.95	4.9

COLORS & SHEENS: YES CLEAR NO SHEENS

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
1	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC	2	500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
3	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
3	BACTERIAL		BACTERIAL	

18 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-24-09 | 2:35

ANALYSIS REQUESTED:

BOD5 CHLOROPHYLL-A COD COPPER FECAL COLIFORM IRON
MERCURY NITRATE NITROGEN TDS TOC TOTAL HARDNESS
TOTAL NITROGEN TOTAL PHOSPHATE TSS UNIONIZED AMMONIA ZINC

Parameters LISTED IN 40 CFR PART 258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-24-09 4:00
ACCEPTED BY: Amanda Allen REP. OF CONTRACT LAB. 8-24-09 4:00

COMMENTS: WO # 0020
WACS # 837

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-5-09 | 2:00

LOCATION: **SURFACE SITE 3C2** SAMPLE MATRIX: **WATER** OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☐ A.Balloon ☐ D.Pannell

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	2:12	27.78	280	6.77	5.72	3.8

COLORS & SHEENS: YES CLEAR (NO) SHEENS

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
1	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC	2	500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
3	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
3	BACTERIAL		BACTERIAL	

18 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED DATE | TIME
8-24-09 | 2:12

ANALYSIS REQUESTED:

BOD5 CHLOROPHYLL-A COD COPPER FECAL COLIFORM IRON
MERCURY NITRATE NITROGEN TDS TOC TOTAL HARDNESS
TOTAL NITROGEN TOTAL PHOSPHATE TSS UNIONIZED AMMONIA ZINC

Parameters LISTED IN 40 CFR PART 258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-24-09 4:00
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-24-09 4:00

COMMENT`S: WO # 00020
WACS # 838

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 1/2N

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-5-09 2:00

LOCATION: MINE CUT # 1 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☑ A.Balloon ☐ D.Pannell

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB DP	1:27	25.71	277	6.40	0.23	3.8

COLORS & SHEENS: YES LITE YELLOW NO SHEENS

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
1	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC	2	500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
3	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
3	BACTERIAL		BACTERIAL	

18 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-24-09 1:27

ANALYSIS REQUESTED:

BOD5 CHLOROPHYLL-A COD COPPER FECAL COLIFORM IRON
MERCURY NITRATE NITROGEN TDS TOC TOTAL HARDNESS
TOTAL NITROGEN TOTAL PHOSPHATE TSS UNIONIZED AMMONIA ZINC

Parameters LISTED IN 40 CFR PART 258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-24-09 4:00
ACCEPTED BY: Amanda Hen REP. OF CONTRACT LAB. 8-24-09 4:00

COMMENT`S: WO # 0020
WACS # 831

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
BLANK, EQUIPMENT SURFACE SITES

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 17:00

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-5-09 2:00

LOCATION: **BLANK, EQUIPMENT** SAMPLE MATRIX: **WATER** OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☑ A.Balloon ☐ D.Pannell

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
1	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC	2	500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
3	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
3	BACTERIAL		BACTERIAL	

18 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-24-09 1:15

ANALYSIS REQUESTED:

BOD5 CHLOROPHYLL-A COD COPPER IRON MERCURY
NITRATE NITROGEN TDS TOC TOTAL HARDNESS
TOTAL NITROGEN TOTAL PHOSPHATE TSS UNIONIZED AMMONIA ZINC

Parameters LISTED IN 40 CFR PART 258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-24-09 4:00
ACCEPTED BY: Amanda _____ REP OF CONTRACT LAB. 8-24-09 4:00

COMMENT'S: WO#00020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 31216 Logged in TALS By: Carol McNulty

Cooler Received on (date) 8/24/09 And Opened By (full name): Carol McNulty

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

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 2.3, 2.1, 2.5 *Degrees Celsius*

4. Number of H2SO4 (sulfuric acid) preserved containers: 20

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

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

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

6. Number of HNO3 (nitric acid) preserved containers: 5

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

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

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

8. Number of Unpreserved containers: 20

   All containers pH between 6 and 8? no If not please comment below:

   Eq Blk ph = 5 on all

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

   If yes, which samples? _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31216-2

Login Number: 31216
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.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	2.3, 2.1, 2.5 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	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31216-2

Login Number: 31216
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 10/15/09 09:05 AM

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 836

WACS Testsite Name: Surface Site 3A

Water Classification: SW-IIIF
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 3:00:00PM

Sampling Method: Grab

Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/16/2009 10:40:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/29/2009
Page 1 of 1

Form Produced by FDEP Validator software 10/30/2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 837

WACS Testsite Name: Surface Site 3B

Water Classification: SW-IIIF
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 2:35:00PM

Sampling Method: Grab

Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/16/2009 11:01:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/29/2009
Page 1 of 1

Form Produced by FDEP Validator software 10/30/2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 838

WACS Testsite Name: Surface Site 3C

Water Classification: SW-IIIF
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 2:12:00PM

Sampling Method: Grab

Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/16/2009 11:43:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/29/2009
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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 22879

WACS Testsite Name: Mine Cut #1

Water Classification: SW-IIIF
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 1:27:00PM

Sampling Method: Grab

Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/16/2009 11:49:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/29/2009
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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #:

WACS Testsite Name: Equipment Blank

Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/24/2009 1:15:00PM

Sampling Method:

Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/16/2009 11:36:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/29/2009
Page 1 of 1

Form Produced by FDEP Validator software 10/30/2009

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 660-31218-2

Job Description: Southeast Landfill Private Wells

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Attention: Mr. David S Adams

Approved for release.
Nancy Robertson
Project Manager II
10/30/2009 12:54 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
10/30/2009

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Savannah E87052

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

Job Narrative
660-31218-2

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

Metals
Thallium was originally analyzed by method 6010B ICP. The GCTL was not meet and therefore the samples were re analyzed within hold time by method 6020 ICPMS.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31218-2

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-31218-2

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Metals (ICP/MS)	TAL SAV	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

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

METHOD / ANALYST SUMMARY

Client: Hillsborough County

Job Number: 660-31218-2

Method	Analyst	Analyst ID
SW846 6020	Robertson, Bryn	BR

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-31218-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-31218-1	Weeks	Water	08/24/2009 1145	08/24/2009 1600
660-31218-2EB	Equipment Blank	Water	08/24/2009 1125	08/24/2009 1600
660-31218-3	Barnes	Water	08/24/2009 1303	08/24/2009 1600
660-31218-4	Holland	Water	08/24/2009 1229	08/24/2009 1600

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31218-2

Client Sample ID: Weeks
Lab Sample ID: 660-31218-1

Date Sampled: 08/24/2009 1145
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/16/2009 2356	
Prep Method: 3005A			Date Prepared:		10/15/2009 1542	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31218-2

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31218-2

Date Sampled: 08/24/2009 1125
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0003	
Prep Method: 3005A			Date Prepared:		10/15/2009 1542	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31218-2

Client Sample ID: Barnes
Lab Sample ID: 660-31218-3

Date Sampled: 08/24/2009 1303
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0023	
Prep Method: 3005A			Date Prepared:		10/15/2009 1542	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31218-2

Client Sample ID: Holland
Lab Sample ID: 660-31218-4

Date Sampled: 08/24/2009 1229
Date Received: 08/24/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0030	
Prep Method: 3005A			Date Prepared:		10/15/2009 1542	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-31218-2

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31218-2

Method Blank - Batch: 680-150664

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-150664/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2009 2140
Date Prepared: 10/15/2009 1542

Analysis Batch: 680-150921
Prep Batch: 680-150664
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Thallium	0.50	U	0.50	1.0

Lab Control Sample - Batch: 680-150664

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-150664/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2009 2146
Date Prepared: 10/15/2009 1542

Analysis Batch: 680-150921
Prep Batch: 680-150664
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Thallium	40.0	37.8	95	75 - 125	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-150664

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 660-31216-H-2-D MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2009 2322
Date Prepared: 10/15/2009 1542

Analysis Batch: 680-150921
Prep Batch: 680-150664

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

MSD Lab Sample ID: 660-31216-H-2-E MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2009 2329
Date Prepared: 10/15/2009 1542

Analysis Batch: 680-150921
Prep Batch: 680-150664

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

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Thallium	90	91	75 - 125	1	20		

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

660-31218

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: [signature] REP. OF CONTRACT LAB. 8/6/09 | 1 PM

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 8-7-09 2:00

LOCATION: WEEKS SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☒ A.Balloon ☐ D.Pannell

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 8-24-09 TIME 11:20
ACTUAL PURGE TIME: 25 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	11:35	24.28	552	7.57	0.95	2.3
AB	11:40	24.29	553	7.56	0.93	2.0
AB	11:45	24.29	553	7.54	0.92	2.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS	1	250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
2	LITER PLASTIC	3	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

14 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-24-09 11:45

ANALYSIS REQUESTED:

ANTIMONY AMMONIA-N ARSENIC BARIUM BERILLIUM CADMIUM
CHLORIDES CHROMIUM COBALT COPPER GROSS ALPHA IRON
LEAD MERCURY NICKEL NITRATE NITROGEN
RADIUM-226 & 228 SELENIUM SILVER SODIUM TDS
THALLIUM TOC TSS VANADIUM ZINC
Parameters LISTED IN 40 CFR PART 258, APPENDIX I-8260/8011

PRESERVED SAMPLES PH < 2.0 AB SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 8-24-09 4:00
ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 8-24-09 4:00

COMMENT'S: MEO #0020
2.3, 2.5°C CU07

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRIVATE WELLS EQUIPMENT BLANK

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: [signature] REP. OF CONTRACT LAB. 8/6/09 | 12:15

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 8-7-09 2:00

LOCATION: **EQUIPMENT BLANK** SAMPLE MATRIX: **WATER** OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ **A.Adger** ☑ **A.Balloon** ☑ **D.Pannell**

FIELD PARAMETERS:

N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS	1	250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
2	LITER PLASTIC	3	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

14 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-24-09 | 11:25

ANALYSIS REQUESTED:

ANTIMONY **AMMONIA-N** **ARSENIC** **BARIUM** **BERILLIUM** **CADMIUM**
CHLORIDES **CHROMIUM** **COBALT** **COPPER** **GROSS - ALPHA** **IRON**
LEAD **MERCURY** **NICKEL** **NITRATE - NITROGEN**
RADIUM-226 & 228 **SELENIUM** **SILVER** **SODIUM** **TDS**
THALLIUM **TOC** **TSS** **VANADIUM** **ZINC**
Parameters LISTED IN 40 CFR PART 258, APPENDIX I-8260/8011

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 8-24-09 4:00
ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 8-24-09 4:00

COMMENT'S: CWD #0020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/6/09 | 1 PM

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-7-09 | 2:00

LOCATION: BARNES SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☑ D.Pannell

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 8-24-09 TIME 1:03
ACTUAL PURGE TIME: 25 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
A1	12:53	25.61	380	7.48	4.33	7.7
A2	12:58	25.60	380	7.49	4.24	8.1
A3	1:03	25.60	381	7.50	4.29	7.4

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS	1	250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
2	LITER PLASTIC	3	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

14 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-24-09 | 1:03

ANALYSIS REQUESTED:

ANTIMONY AMMONIA-N ARSENIC BARIUM BERILLIUM CADMIUM
CHLORIDES CHROMIUM COBALT COPPER GROSS - ALPHA IRON
LEAD MERCURY NICKEL NITRATE - NITROGEN
RADIUM-226 & 228 SELENIUM SILVER SODIUM TDS
THALLIUM TOC TSS VANADIUM ZINC
Parameters LISTED IN 40 CFR PART 258, APPENDIX I-8260/8011

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-24-09 4:00
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-24-09 4:00

COMMENTS: wo#00020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: [signature] REP. OF CONTRACT LAB. 8/6/09 | 12W

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 8-7-09 | 2:00

LOCATION: HOLLAND SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☒ D.Pannell

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 8-24-09 TIME 12:09
ACTUAL PURGE TIME: 29 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AA	12:09	24.18	389	7.49	0.17	1.0
AB	12:14	24.17	389	7.48	0.16	1.2
AA	12:29	24.17	389	7.45	0.14	1.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS	1	250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
2.	LITER PLASTIC	3	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

14 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-21-09 | 12:29

ANALYSIS REQUESTED:

ANTIMONY, AMMONIA-N, ARSENIC, BARIUM, BERILLIUM, CADMIUM, CHLORIDES, CHROMIUM, COBALT, COPPER, GROSS ALPHA, IRON, LEAD, MERCURY, NICKEL, NITRATE NITROGEN, RADIUM-226 & 228, SELENIUM, SILVER, SODIUM, TDS, THALLIUM, TOC, TSS, VANADIUM, ZINC
Parameters LISTED IN 40 CFR PART 258, APPENDIX I-8260/8011

PRESERVED SAMPLES PH < 2.0 N/A SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 8-24-09 4:00
ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 8-24-09 4:00

COMMENTS: WO# 0020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/26/09 | 1215

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-27-09 | 2:00

LOCATION: **TRAVEL BLANK** SAMPLE MATRIX: **WATER** OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION: ☐ A.Adger ☒ A.Balloon ☐ D.Pannell

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	8-24-09	11:20

2 **TOTAL No. OF SAMPLES COLLECTED:**

ANALYSIS REQUESTED:

EPA 8260

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME

RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-24-09 4:00

ACCEPTED BY: Amanda Adams REP. OF CONTRACT LAB. 8-24-09 4:00

COMMENT`S: WO#00020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 31218 Logged in TALS By: Carol McNulty

Cooler Received on (date) 8/24/09 And Opened By (full name): Carol McNulty

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

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 2.3, 2.5 *Degrees Celsius*

4. Number of H2SO4 (sulfuric acid) preserved containers: 8

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

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

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

6. Number of HNO3 (nitric acid) preserved containers: 16

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

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

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

8. Number of Unpreserved containers: 8

   All containers pH between 6 and 8? no If not please comment below:

   Eq Blk all ph=5

9. Was chlorine present in any of the unpreserved containers? _____

   If yes, which samples? _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31218-2

Login Number: 31218
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	True	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	2.3, 2.5 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	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31218-2

Login Number: 31218
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 10/15/09 09:05 AM

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 914
WACS Testsite Name: Weeks
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 11:45:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/16/2009 11:56:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/30/2009
Page 1 of 1

Form Produced by FDEP Validator software 10/30/2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #:
WACS Testsite Name: Equipment Blank
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/24/2009 11:25:00AM
Sampling Method:
Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 12:03:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 881
WACS Testsite Name: Barnes
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 1:03:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 12:23:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/30/2009
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Form Produced by FDEP Validator software 10/30/2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 883

WACS Testsite Name: Holland

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/24/2009 12:29:00PM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 12:30:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/30/2009
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Form Produced by FDEP Validator software 10/30/2009

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

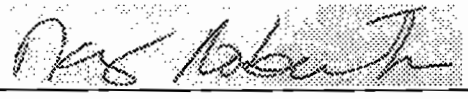
ANALYTICAL REPORT

Job Number: 660-31233-2

Job Description: SELF Monitoring Program

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
10/30/2009 12:59 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
10/30/2009

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Savannah E87052

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

Job Narrative
660-31233-2

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

Metals
Thallium was originally analyzed by method 6010B ICP. The GCTL was not meet and therefore the samples were re analyzed within hold time by method 6020 ICPMS.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31233-2

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-31233-2

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Metals (ICP/MS)	TAL SAV	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

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

METHOD / ANALYST SUMMARY

Client: Hillsborough County

Job Number: 660-31233-2

Method	Analyst	Analyst ID
SW846 6020	Robertson, Bryn	BR

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-31233-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-31233-1EB	Equipment Blank	Water	08/25/2009 1020	08/25/2009 1600
660-31233-2FD	Not Blank-DUP	Water	08/25/2009 0000	08/25/2009 1600
660-31233-3	TH-22A	Water	08/25/2009 1106	08/25/2009 1600
660-31233-4	TH-40	Water	08/25/2009 1112	08/25/2009 1600
660-31233-5	TH-57	Water	08/25/2009 1206	08/25/2009 1600
660-31233-6	TH-28A	Water	08/25/2009 1212	08/25/2009 1600
660-31233-7	TH-58	Water	08/25/2009 1331	08/25/2009 1600
660-31233-8	TH-19	Water	08/25/2009 1328	08/25/2009 1600

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-2

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31233-1

Date Sampled: 08/25/2009 1020
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:	10/17/2009 0446		
Prep Method: 3005A			Date Prepared:	10/15/2009 1646		
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-2

Client Sample ID: Not Blank-DUP
Lab Sample ID: 660-31233-2

Date Sampled: 08/25/2009 0000
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0453	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

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THE LEADER IN ENVIRONMENTAL TESTING

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-2

Client Sample ID: TH-22A
Lab Sample ID: 660-31233-3

Date Sampled: 08/25/2009 1106
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020				Date Analyzed:	10/17/2009 0459	
Prep Method: 3005A				Date Prepared:	10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-2

Client Sample ID: TH-40
Lab Sample ID: 660-31233-4

Date Sampled: 08/25/2009 1112
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0506	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

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THE LEADER IN ENVIRONMENTAL TESTING

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-2

Client Sample ID: TH-57
Lab Sample ID: 660-31233-5

Date Sampled: 08/25/2009 1206
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0554	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-2

Client Sample ID: TH-28A
Lab Sample ID: 660-31233-6

Date Sampled: 08/25/2009 1212
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0600	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-2

Client Sample ID: TH-58
Lab Sample ID: 660-31233-7

Date Sampled: 08/25/2009 1331
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0607	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31233-2

Client Sample ID: TH-19
Lab Sample ID: 660-31233-8

Date Sampled: 08/25/2009 1328
Date Received: 08/25/2009 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0613	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-31233-2

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31233-2

Method Blank - Batch: 680-150684

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-150684/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0432
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Thallium	0.50	U	0.50	1.0

Lab Control Sample - Batch: 680-150684

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-150684/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0439
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Thallium	40.0	37.7	94	75 - 125	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-150684

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 660-31233-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0527
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684

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

MSD Lab Sample ID: 660-31233-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0533
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684

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

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Thallium	90	90	75 - 125	0	20		

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6660-31233

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS BLANK, EQUIPMENT

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 17:00

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: **BLANK, EQUIPMENT** SAMPLE MATRIX: **WATER** OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☐ A.Balloon ☐ D.Pannell

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-25-09 | 10:20

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: Amanda Damron REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT`S: 620#0020

4.0°c CW07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6060-31233

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS DUPLICATE SAMPLE

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: [signature] REP. OF CONTRACT LAB. 8/4/09 | 17W

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: **DUPLICATE** SAMPLE MATRIX: **WATER** OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION : ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-25-09

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES DATE | TIME
RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 8-25-09 4:00
ACCEPTED BY: Amanda Thomson REP. OF CONTRACT LAB. 8-25-09 4:00

COMMENT`S: 40 CFR 0020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6660-31233

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-22A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☑ A.Balloon ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 27.90 Ft.
DEPTH TO WATER: 5.06 Ft.
LENGTH OF WATER COL: 22.84 Ft.
VOLUME TO PURGE: 3.6 Gal.
10.8

	DATE	TIME
PURGE STARTED:	8-25-09	10:35
PURGE RATE:	.50	GPM.
PURGE ENDED:	8-25-09	11:06
ACT. VOL. PURGED:	15.5	GAL.

31 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	10:56	24.55	278	6.80	0.25	35.4
AB	11:01	24.54	278	6.84	0.27	30.2
AB	11:06	24.55	278	6.87	0.28	29.7

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED	
DATE	TIME
8-25-09	31 min

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: Amanda Harrison REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT`S: WO#0020 WAC 19861

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6660-31733

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-40 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 165.90 Ft.
DEPTH TO WATER: 88.65 Ft.
LENGTH OF WATER COL: 77.25 Ft.
VOLUME TO PURGE: 12.36 Gal.
37.08

	DATE	TIME
PURGE STARTED:	8-25-09	10:25
PURGE RATE:	1.0	GPM.
PURGE ENDED:	8-27-09	11:12
ACT. VOL. PURGED:	47	GAL.

47

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	11:02	23.74	340	6.64	0.25	3.4
AB	11:07	23.74	340	6.64	0.27	3.0
AB	11:12	23.74	340	6.64	0.24	2.7

8-27-09

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED	
DATE	TIME
8-25-09	11:12

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 _____ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: Amanda Harris REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT`S: -WO#0020 WAC 822

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WCOO-31733

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-57 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 26.83 Ft.
DEPTH TO WATER: 19.05 Ft.
LENGTH OF WATER COL: 7.78 Ft.
VOLUME TO PURGE: 1.2 Gal.
3.6

	DATE	TIME
PURGE STARTED:	8-25-09	11:38
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-25-09	12:06
ACT. VOL. PURGED:	5.6	GAL.

28 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
RB	11:56	26.97	253	5.21	0.88	3.3
RB	12:01	26.97	255	5.21	0.86	2.7
RJ	12:06	26.96	257	5.25	0.84	3.9

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-25-09 | 12:06

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 N/A SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: Amanda Ferrer REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT`S: WO#00020 WAC 1570

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6060-31233

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/1 | 12:00

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-28A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 34.30 Ft.
DEPTH TO WATER: 27.51 Ft.
LENGTH OF WATER COL: 6.79 Ft.
VOLUME TO PURGE: 1.0 Gal.
3.0

	DATE	TIME
PURGE STARTED:	8-25-09	11:47
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-25-09	12:12
ACT. VOL. PURGED:	7	GAL.

35 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	12:02	26.45	2.35	5.04	0.09	16.4
AB	12:07	26.46	236	5.04	0.10	16.1
AB	12:12	26.46	236	5.08	0.16	16.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-25-09 | 12:12

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 Y/N/C SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: Amanda Adam REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT`S: WO# 0020 WAC 19862

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

COC00-31033

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 | 12w

ACCEPTED BY: AAcer REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-58 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 32.92 Ft.
DEPTH TO WATER: 27.39 Ft.
LENGTH OF WATER COL: 5.33 Ft.
VOLUME TO PURGE: .8 Gal.
2.4

	DATE	TIME
PURGE STARTED:	8-25-09	1:09
PURGE RATE:	.20	GPM.
	DATE	TIME
PURGE ENDED:	8-25-09	1:31
ACT. VOL. PURGED:	4.4	GAL.

22 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AA	1:21	26.08	440	5.40	0.30	1.6
AB	1:26	26.09	441	5.39	0.33	1.2
AA	1:31	26.09	442	5.40	0.34	1.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-25-09 | 1:31

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: AAcer REP. OF SOLID WASTE DEPT. 8-25-09 4:00
ACCEPTED BY: Amanda Thomas REP. OF CONTRACT LAB. 8-25-09 4:00

COMMENT'S: wo#00020 WAC 1571

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

660-31733

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-19 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 153.60 Ft.
DEPTH TO WATER: 93.51 Ft.
LENGTH OF WATER COL: 60.09 Ft.
VOLUME TO PURGE: 9.6 Gal.
28.8

	DATE	TIME
PURGE STARTED:	8-25-09	12:50
PURGE RATE:	1.0	GPM.
PURGE ENDED:	8-25-09	1:28
ACT. VOL. PURGED:	27	GAL.

27

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	1:18	23.60	421	6.57	0.31	1.3
AB	1:23	23.61	420	6.57	0.29	1.1
AB	1:28	23.61	420	6.57	0.30	1.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-25-09 | 1:28

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 Y/N/S SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: Amanda Hans REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT`S: WO#0020 WAC 821

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

660-31233

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

BLANK, TRAVEL

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: [signature] REP. OF CONTRACT LAB. 8/4/09 | 1201

ACCEPTED BY: [signature] REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: **BLANK, TRAVEL** SAMPLE MATRIX: **WATER** OTHER MATRIX: ______

PERSONAL ENGAGED IN SAMPLE COLLECTION: **☑ A.Adger ☐ A.Balloon ☐ D.Pannell**

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE | TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	8-25-09 | 10:19

2 **TOTAL No. OF SAMPLES COLLECTED:**

ANALYSIS REQUESTED:

EPA 8260

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: [signature] REP. OF SOLID WASTE DEPT. 8-25-09 | 4:00
ACCEPTED BY: [signature] REP. OF CONTRACT LAB. 8-25-09 | 4:00

COMMENT`S: W04-0020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 160-31233 Logged in TALS By: Amanda Samson

Cooler Received on (date) 8/25/09 And Opened By (full name): Charles Velez

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

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 4.0 Degrees Celsius CU-07

4. Number of H2SO4 (sulfuric acid) preserved containers: 8

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

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

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

6. Number of HNO3 (nitric acid) preserved containers: 8

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

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

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

8. Number of Unpreserved containers: 16

All containers pH between 6 and 8? NO If not please comment below:

TH-22A pH=5,5 EQB pH=5 (AFDI water)

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

If yes, which samples? _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31233-2

Login Number: 31233
List Source: TestAmerica Tampa
Creator: Harrison, Amanda
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.0 degrees C CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31233-2

Login Number: 31233
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 10/15/09 09:05 AM

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #:
WACS Testsite Name: Equipment Blank
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/25/2009 10:20:00AM
Sampling Method:
Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 4:46:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Not Blank-DUP
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 12:00:00AM
Sampling Method: Unknown
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 4:53:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 19861
WACS Testsite Name: TH-22A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 11:06:00AM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 4:59:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 822

WACS Testsite Name: TH-40

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 11:12:00AM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 5:06:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 1570
WACS Testsite Name: TH-57
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 12:06:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 5:54:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 19862

WACS Testsite Name: TH-28A

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 12:12:00PM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 6:00:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/30/2009

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 1571
WACS Testsite Name: TH-58
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 1:31:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 6:07:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/30/2009
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THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 821
WACS Testsite Name: TH-19
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/25/2009 1:28:00PM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 6:13:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

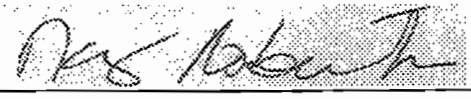
ANALYTICAL REPORT

Job Number: 660-31254-2

Job Description: SELF Monitoring Program

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
10/30/2009 12:59 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
10/30/2009

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Savannah E87052

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

Job Narrative
660-31254-2

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

Metals
Thallium was originally analyzed by method 6010B ICP. The GCTL was not meet and therefore the samples were re analyzed within hold time by method 6020 ICPMS.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31254-2

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-31254-2

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Metals (ICP/MS)	TAL SAV	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

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

METHOD / ANALYST SUMMARY

Client: Hillsborough County

Job Number: 660-31254-2

Method	Analyst	Analyst ID
SW846 6020	Robertson, Bryn	BR

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-31254-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-31254-1EB	Equipment Blank	Water	08/26/2009 1246	08/26/2009 1530
660-31254-2FD	Not Blank-DUP	Water	08/26/2009 0000	08/26/2009 1530
660-31254-3	TH-69A	Water	08/26/2009 1033	08/26/2009 1530
660-31254-4	TH-70A	Water	08/26/2009 1122	08/26/2009 1530
660-31254-5	TH-71A	Water	08/26/2009 1203	08/26/2009 1530
660-31254-6	TH-36-A	Water	08/26/2009 1238	08/26/2009 1530
660-31254-7	TH-68	Water	08/26/2009 1320	08/26/2009 1530
660-31254-8	TH-64	Water	08/26/2009 1346	08/26/2009 1530
660-31254-9	61 A	Water	08/26/2009 1416	08/26/2009 1530

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31254-2

Client Sample ID: Equipment Blank
Lab Sample ID: 660-31254-1

Date Sampled: 08/26/2009 1246
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0619	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

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Tampa, FL 33601

Job Number: 660-31254-2

Client Sample ID: Not Blank-DUP
Lab Sample ID: 660-31254-2

Date Sampled: 08/26/2009 0000
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0626	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

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Mr. David S Adams
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Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31254-2

Client Sample ID: TH-69A
Lab Sample ID: 660-31254-3

Date Sampled: 08/26/2009 1033
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0633	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31254-2

Client Sample ID: TH-70A
Lab Sample ID: 660-31254-4

Date Sampled: 08/26/2009 1122
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0639	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

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Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31254-2

Client Sample ID: TH-71A
Lab Sample ID: 660-31254-5

Date Sampled: 08/26/2009 1203
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:	10/17/2009 0646		
Prep Method: 3005A			Date Prepared:	10/15/2009 1646		
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31254-2

Client Sample ID: TH-36-A
Lab Sample ID: 660-31254-6

Date Sampled: 08/26/2009 1238
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:	10/17/2009 0654		
Prep Method: 3005A			Date Prepared:	10/15/2009 1646		
Thallium	0.50	U	ug/L	0.50	1.0	1.0

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Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31254-2

Client Sample ID: TH-68
Lab Sample ID: 660-31254-7

Date Sampled: 08/26/2009 1320
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0715	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31254-2

Client Sample ID: TH-64
Lab Sample ID: 660-31254-8

Date Sampled: 08/26/2009 1346
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0722	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

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Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31254-2

Client Sample ID: 61 A
Lab Sample ID: 660-31254-9

Date Sampled: 08/26/2009 1416
Date Received: 08/26/2009 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:	10/17/2009 0728		
Prep Method: 3005A			Date Prepared:	10/15/2009 1646		
Thallium	0.50	U	ug/L	0.50	1.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-31254-2

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31254-2

Method Blank - Batch: 680-150684

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-150684/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0432
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Thallium	0.50	U	0.50	1.0

Lab Control Sample - Batch: 680-150684

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-150684/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0439
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Thallium	40.0	37.7	94	75 - 125	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-150684

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 660-31233-F-4-D MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0527
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684

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

MSD Lab Sample ID: 660-31233-F-4-E MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0533
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684

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

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Thallium	90	90	75 - 125	0	20		

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

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WO# 31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS BLANK, EQUIPMENT

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 12:00

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: BLANK, EQUIPMENT SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☑ A.Adger ☐ A.Balloon ☐ D.Pannell

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-26-09 | 12:46

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8.26.09 | 15:30
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-26-09 | 1530

COMMENT`S: WO# 0020

2.1°C & 2.3°C
CU-07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WCO-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS DUPLICATE SAMPLE

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-26-09 ____

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 1530
ACCEPTED BY: BM REP. OF CONTRACT LAB. 8-26-09 | 1530

COMMENT`S: wo # 0020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

L0L0-31754

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 12N

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-69A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☑ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 35.00 Ft.
DEPTH TO WATER: 25.45 Ft.
LENGTH OF WATER COL: 9.55 Ft.
VOLUME TO PURGE: 1.5 Gal.
4.5

	DATE	TIME
PURGE STARTED:	8-26-09	10:13
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-26-09	10:33
ACT. VOL. PURGED:	4	GAL.

2.0

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	10:23	23.90	650	6.34	0.78	2.6
AB	10:28	23.90	649	6.33	0.79	2.1
AB	10:33	23.91	648	6.31	0.78	2.2

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-26-09 | 10:37

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 1530
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-26-09 | 1530

COMMENT`S: WO #0820
WACS # ~~22964~~ 22958

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

LCLC0-31754

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

		DATE	TIME
RELINQUISHED BY:	REP. OF CONTRACT LAB.	8/4/09	17:00
ACCEPTED BY:	REP. OF SOLID WASTE DEPT.	8-4-09	4:00

LOCATION: TH-70A SAMPLE MATRIX: WATER OTHER MATRIX: ____
PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☑ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 36.58 Ft.
DEPTH TO WATER: 25.23 Ft.
LENGTH OF WATER COL: 11.35 Ft.
VOLUME TO PURGE: 1.8 Gal.
5.4

	DATE	TIME
PURGE STARTED:	8.26-09	10:45
PURGE RATE:	.20 GPM.	
PURGE ENDED:	8-26-09	11:22
ACT. VOL. PURGED:	7.4 GAL.	

37 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	11:12	23.66	388	6.44	0.15	7.4
BM	11:17	23.66	388	6.44	0.15	7.1
AB	11:22	23.66	388	6.44	0.16	6.7

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-26-09 | 11:22

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:		DATE	TIME
RELINQUISHED BY:	REP. OF SOLID WASTE DEPT.	8-26-09	1530
ACCEPTED BY: BM	REP. OF CONTRACT LAB.	8-26-09	1530

COMMENT`S: waff0020
WACS# 22959.

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THE LEADER IN ENVIRONMENTAL TESTING

Cole0-31754

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

		DATE	TIME
RELINQUISHED BY:	REP. OF CONTRACT LAB.	8/4/09	1200
ACCEPTED BY:	REP. OF SOLID WASTE DEPT	8-4-09	4:00

LOCATION: TH-71A SAMPLE MATRIX: WATER OTHER MATRIX:
PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 37.78 Ft.
DEPTH TO WATER: 25.94 Ft.
LENGTH OF WATER COL: 11.84 Ft.
VOLUME TO PURGE: 1.8 Gal.
5.4

	DATE	TIME
PURGE STARTED:	8-26-09	11:26
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-26-09	12:03
ACT. VOL. PURGED:	7.4	GAL.

37 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AJ	11:53	24.57	749	6.37	0.21	6.6
AJ	11:58	24.55	749	6.38	0.22	5.9
AJ	12:03	24.55	750	6.38	0.24	6.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED	
DATE	TIME
8-26-09	12:03

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:		DATE	TIME
RELINQUISHED BY:	REP. OF SOLID WASTE DEPT.	8-26-09	1530
ACCEPTED BY:	REP. OF CONTRACT LAB.	8-26-09	1530

COMMENT`S: WO#00020
WACS # 22960

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

LeleO-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1705

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 1700

LOCATION: TH-36-A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☒ A.Balloon ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:

				DATE	TIME
TOTAL DEPTH OF WELL:	38.70 Ft.	PURGE STARTED:		8-26-09	12:12
DEPTH TO WATER:	29.58 Ft.	PURGE RATE:		.25	GPM.
LENGTH OF WATER COL:	9.12 Ft.			DATE	TIME
VOLUME TO PURGE:	1.4 Gal.	PURGE ENDED:		8-26-09	12:38
	4.2	ACT. VOL. PURGED:		6.5	GAL.

26 MIN

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AS	12:28	25.19	161	5.78	0.82	28.1
AS	12:33	25.19	161	5.79	0.83	26.2
AS	12:38	25.20	161	5.80	0.81	26.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED	
DATE	TIME
8-26-09	13:38

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME

RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 1530

ACCEPTED BY: BM REP. OF CONTRACT LAB. 8-26-09 | 1530

COMMENT`S: 420 #00220
WACS #20329

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Cole0-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 | 1,70

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TH-68 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☒ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 22.20 Ft.
DEPTH TO WATER: 15.15 Ft.
LENGTH OF WATER COL: ~~22.20~~ Ft. 7.05
VOLUME TO PURGE: ~~1.1~~ Gal.
3.3

	DATE	TIME
PURGE STARTED:	8-26-09	12:48
PURGE RATE:	.15	GPM.
PURGE ENDED:	8-26-09	1:20
ACT. VOL. PURGED:	4.8	GAL.

32 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	1:10	27.17	273	5.78	1.20	15.6
AB	1:15	27.17	273	5.78	1.24	15.0
AB	1:20	27.17	273	5.78	1.23	14.8

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED	
DATE	TIME
8-26-09	1:20

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 1530
ACCEPTED BY: BM REP. OF CONTRACT LAB. 8-26-09 1530

COMMENT`S: 420#0020
WACS# 32039

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THE LEADER IN ENVIRONMENTAL TESTING

Lab ID-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 | 1200

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 4:00

LOCATION: TH-64 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☐ A.Balloon ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:

			DATE	TIME
TOTAL DEPTH OF WELL:	19.20 Ft.	PURGE STARTED:	8-26-09	1:26
DEPTH TO WATER:	15.48 Ft.	PURGE RATE:	1.5	GPM.
LENGTH OF WATER COL:	3.72 Ft.		DATE	TIME
VOLUME TO PURGE:	.5 Gal.	PURGE ENDED:	8-26-09	1:46
	1.5	ACT. VOL. PURGED:	3	GAL.

20 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	1:36	25.81	377	5.07	0.31	4.6
AB	1:41	25.81	378	5.09	0.37	4.2
AB	1:46	25.82	378	5.10	0.48	4.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
8-26-09 | 1:46

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 Yes SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: | DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8.26.09 | 1530
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8.26.09 | 1530

COMMENT`S: WO# 00020
WACS 20494

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Celeb-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/26/09 | 17:00

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT 8-26-09 | 4:00

LOCATION: 61A SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☐ A.Balloon ☐ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 23.35 Ft.
DEPTH TO WATER: 15.00 Ft.
LENGTH OF WATER COL: 8.35 Ft.
VOLUME TO PURGE: 1.3 Gal.
3.9

PURGE STARTED: DATE 8-26-09 | TIME 1:51
PURGE RATE: .25 GPM.
PURGE ENDED: DATE 8-26-09 | TIME 2:16
ACT. VOL. PURGED: 6.25 GAL.
25 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AA	2:06	26.63	161	5.95	2.43	24.8
AA	2:11	26.62	162	5.92	2.33	25.7
AA	2:16	26.62	162	5.91	2.30	26.3

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED DATE | TIME
8-26-09 | 2:16

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 Yes SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. DATE 8-26-09 | TIME 1530
ACCEPTED BY: BM REP. OF CONTRACT LAB. DATE 8-26-09 | TIME 1530

COMMENTS: WP# 00020
WACS # 22595

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

610-31254

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
BLANK, TRAVEL

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: **BLANK, TRAVEL** SAMPLE MATRIX: **WATER** OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION: ☑ **A.Adger** ☐ **A.Balloon** ☐ **D.Pannell**

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	8-26-09	10:20

2 **TOTAL No. OF SAMPLES COLLECTED:**

ANALYSIS REQUESTED:

EPA 8260

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-26-09 | 1530
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-26-09 | 1530

COMMENT`S: w040020

2.1°C | 2.3°C
EW-07

BM

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 160-31254 Logged in TALS By: Amanda Hanson

Cooler Received on (date) 8/26/09 And Opened By (full name): Charles E Volz

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

2. Tracking #_____

3. Temperature of rep. sample or temp blank when opened: 2.1 & 2.3 Degrees Celsius CU-07

4. Number of H2SO4 (sulfuric acid) preserved containers: 9

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

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

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

6. Number of HNO3 (nitric acid) preserved containers: 9

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

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

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

8. Number of Unpreserved containers: 18

   All containers pH between 6 and 8? NO If not please comment below:

   TH-64 pH=5

   EQB pH=5 (AFDI water)

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

   If yes, which samples? _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31254-2

Login Number: 31254
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	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1 and 2.3 degrees C CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31254-2

Login Number: 31254
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 10/15/09 09:05 AM

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #:
WACS Testsite Name: Equipment Blank
Water Classification:
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N):

Sample Date/Time: 8/26/2009 12:46:00PM
Sampling Method:
Permitted Well Type:

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 6:19:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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10/30/2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Not Blank-DUP
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 12:00:00AM
Sampling Method: Unknown
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 6:26:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 22958

WACS Testsite Name: TH-69A

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 10:33:00AM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 6:33:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 22959

WACS Testsite Name: TH-70A

Water Classification: G-II
(I.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 11:22:00AM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 6:39:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 22960

WACS Testsite Name: TH-71A

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 12:03:00PM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 6:46:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 20329

WACS Testsite Name: TH-36-A

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 12:38:00PM

Sampling Method: Unknown

Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 6:54:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 22039
WACS Testsite Name: TH-68
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 1:20:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 7:15:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 20494

WACS Testsite Name: TH-64

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 1:46:00PM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 7:22:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/30/2009

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 22595
WACS Testsite Name: 61 A
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/26/2009 2:16:00PM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 7:28:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/30/2009
Page 1 of 1

Form Produced by FDEP Validator software 10/30/2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 660-31288-2

Job Description: SELF Monitoring Program

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Attention: Mr. David S Adams

Approved for release.
Nancy Robertson
Project Manager II
10/30/2009 1:02 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
10/30/2009

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Savannah E87052

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

Job Narrative
660-31288-2

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

Metals
Thallium was originally analyzed by method 6010B ICP. The GCTL was not meet and therefore the samples were re analyzed within hold time by method 6020 ICPMS.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-31288-2

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-31288-2

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Metals (ICP/MS)	TAL SAV	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD / ANALYST SUMMARY

Client: Hillsborough County

Job Number: 660-31288-2

Method	Analyst	Analyst ID
SW846 6020	Robertson, Bryn	BR

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-31288-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-31288-1	TH-66	Water	08/27/2009 1055	08/27/2009 1450
660-31288-2	TH-67	Water	08/27/2009 1142	08/27/2009 1450
660-31288-3	TH-65	Water	08/27/2009 1104	08/27/2009 1450

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31288-2

Client Sample ID: TH-66
Lab Sample ID: 660-31288-1

Date Sampled: 08/27/2009 1055
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0735	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31288-2

Client Sample ID: TH-67
Lab Sample ID: 660-31288-2

Date Sampled: 08/27/2009 1142
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0747	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-31288-2

Client Sample ID: TH-65
Lab Sample ID: 660-31288-3

Date Sampled: 08/27/2009 1104
Date Received: 08/27/2009 1450
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6020			Date Analyzed:		10/17/2009 0742	
Prep Method: 3005A			Date Prepared:		10/15/2009 1646	
Thallium	0.50	U	ug/L	0.50	1.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-31288-2

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-31288-2

Method Blank - Batch: 680-150684

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-150684/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0432
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Thallium	0.50	U	0.50	1.0

Lab Control Sample - Batch: 680-150684

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-150684/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0439
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Thallium	40.0	37.7	94	75 - 125	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-150684

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 660-31233-F-4-D MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0527
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684

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

MSD Lab Sample ID: 660-31233-F-4-E MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/17/2009 0533
Date Prepared: 10/15/2009 1646

Analysis Batch: 680-150922
Prep Batch: 680-150684

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

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Thallium	90	90	75 - 125	0	20		

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6060-31288

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: | DATE | TIME

RELINQUISHED BY: _____ ~~REP.~~ OF CONTRACT LAB. 8/4/09 | 1720

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT 8-4-09 | 4:00

LOCATION: TH-66 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ ~~A.Adger~~ ☒ ~~A.Balloon~~ ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 21.30 Ft.
DEPTH TO WATER: 7.73 Ft. 7.58
LENGTH OF WATER COL: 13.77 Ft.
VOLUME TO PURGE: 2.2 Gal.
6.6

PURGE STARTED: DATE 8-27-09 | TIME 10:12
PURGE RATE: .20 GPM.
PURGE ENDED: DATE 8-27-09 | TIME 10:55
ACT. VOL. PURGED: 8.6 GAL.
43 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	10:45	25.86	276	6.05	0.15	2.0
AB	10:50	25.87	274	6.07	0.15	2.2
AB	10:55	25.87	273	6.08	0.12	2.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

16 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED DATE | TIME
8-27-09 | 10:55

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 _____ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-27-09 | 2:50
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-27-09 | 2:50

COMMENT`S: WO#0027
WAC# 20531

3.4°C WO7

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6060-31288

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

		DATE	TIME
RELINQUISHED BY:	REP. OF CONTRACT LAB.	8/4/9	1706
ACCEPTED BY:	REP. OF SOLID WASTE DEPT.	8-4-09	4:00

LOCATION: TH-67 SAMPLE MATRIX: WATER OTHER MATRIX: ____
PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A.Adger ☒ A.Balloon ☒ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 15.25 Ft.
DEPTH TO WATER: 3.87 Ft.
LENGTH OF WATER COL: 11.38 Ft.
VOLUME TO PURGE: 1.8 Gal.
5.4

	DATE	TIME
PURGE STARTED:	8-27-09	11:05
PURGE RATE:	.20	GPM.
PURGE ENDED:	8-27-09	11:42
ACT. VOL. PURGED:	7.4	GAL.

37 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
A	11:32	27.13	278	6.36	4.77	4.0
A	11:37	27.13	279	6.36	4.71	4.2
A	11:42	27.13	277	6.38	4.70	3.7

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED	
DATE	TIME
8-27-09	11:42

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

			DATE	TIME
ABOVE LISTED SAMPLES:				
RELINQUISHED BY:		REP. OF SOLID WASTE DEPT.	8-27-09	2:50
ACCEPTED BY:	Amanda Lam	REP. OF CONTRACT LAB.	8-27-09	2:50

COMMENT`S: 4907#00720.
WAC# 20532

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6660-31288

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/9 1200

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 4:00

LOCATION: TH-65 SAMPLE MATRIX: WATER OTHER MATRIX: ____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A.Adger ☑ A.Balloon ☑ D.Pannell

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 23.00 Ft.
DEPTH TO WATER: 13.88 Ft.
LENGTH OF WATER COL: 9.12 Ft.
VOLUME TO PURGE: 1.4 Gal.
4.2

PURGE STARTED: DATE 8-27-09 | TIME 10:33
PURGE RATE: .20 GPM.
PURGE ENDED: DATE 8-27-09 | TIME 11:04
ACT. VOL. PURGED: 6.2 GAL.

3.1 mw

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AJ	10:54	24.87	277	5.81	0.86	4.2
AJ	10:59	24.84	277	5.80	0.82	4.0
AJ	11:04	24.84	277	5.80	0.81	3.7

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
2	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

10 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED DATE | TIME 8-27-09 | 11:04

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN SODIUM TDS PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME
RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-27-09 2:50
ACCEPTED BY: _____ REP. OF CONTRACT LAB. 8-27-09 2:50

COMMENT'S: WO#40220
WAC # 20530

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6600-31788

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. 8/4/09 | 1700

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. 8-4-09 | 4:00

LOCATION: TRAVEL BLANK SAMPLE MATRIX: WATER OTHER MATRIX: /

PERSONAL ENGAGED IN SAMPLE COLLECTION: ☐ A.Adger ☐ A.Balloon ☐ D.Pannell

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	8-27-09	10:40

2 **TOTAL No. OF SAMPLES COLLECTED:**

ANALYSIS REQUESTED:

EPA 8260

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: DATE | TIME

RELINQUISHED BY: _____ REP. OF SOLID WASTE DEPT. 8-27-09 | 2:50

ACCEPTED BY: Amanda Adams REP. OF CONTRACT LAB. 8-27-09 | 2:50

COMMENT`S: WO#0020

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PRESERVATION CONFIRMATION FORM

Tampa, FL

JOB NUMBER: 660-31288 Logged in TALS By: Amanda Hanson

Cooler Received on (date) 8/27/09 And Opened By (full name): Amanda Hanson

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

2. Tracking # _____

3. Temperature of rep. sample or temp blank when opened: 3.4 Degrees Celsius CH07

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

   All containers pH < 2 ? Y/A If not please comment below:

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

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

6. Number of HNO3 (nitric acid) preserved containers: 3

   All containers pH < 2 ? Y/A If not please comment below:

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

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

8. Number of Unpreserved containers: 6

   All containers pH between 6 and 8? Y/A If not please comment below:

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

   If yes, which samples? _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31288-2

Login Number: 31288
List Source: TestAmerica Tampa
Creator: Harrison, Amanda
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4 degrees C CU-07
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-31288-2

Login Number: 31288
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 10/15/09 09:05 AM

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 20531
WACS Testsite Name: TH-66
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/27/2009 10:55:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 7:35:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 10/30/2009
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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 20532
WACS Testsite Name: TH-67
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/27/2009 11:42:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 7:47:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Facility Name: Southeast County SLF (Picnic LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

WACS Testsite ID #: 20530

WACS Testsite Name: TH-65

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 8/27/2009 11:04:00AM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020	10/17/2009 7:42:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 1

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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