



ANALYTICAL DATA REPORT AUGUST 2010

**SOUTHEAST COUNTY LANDFILL SITE
HILLSBOROUGH COUNTY, FLORIDA
Permit No. 35435-014-SO/01**

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

October 18, 2010

Florida Department of Environmental Protection

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

DEP Form # 62-522 900(2)

Form Title Ground Water Monitoring Report

Effective Date _____

DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

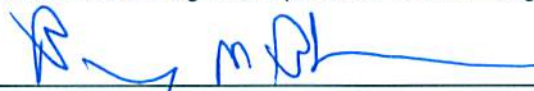
PART I GENERAL INFORMATION

- (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 35435-014-SO/01
- (4) Authorized Representative Name BARRY M. BOLDISSAR, DIVISION DIRECTOR, SOLID WASTE MANAGEMENT
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: 10/18/2010



Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization TEST AMERICA LABORATORIES, INC. Comp QAP # _____

Analytical Lab _____ Comp QAP # /HRS Certification # _____

*Comp QAP # /HRS Certification # _____

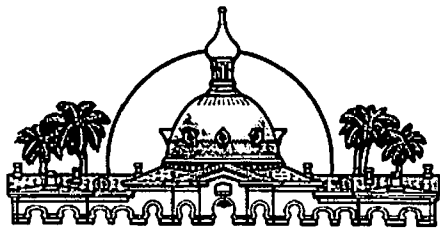
Lab Name TEST AMERICA LABORATORIES, INC.

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

Phone Number (813) 885-7427

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October 18, 2010

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

**Re: Southeast County Landfill
Permit No. 35435-014-SO/01
Analytical Data Report - August 2010**

Dear Mr. Morris:

In accordance with the above-referenced permit, the Hillsborough County Public Utilities Department (PUD), Solid Waste Management Division (SWMD), is pleased to provide the August 2010 analytical data report (ADR) for the water quality monitoring conducted at the Southeast County Landfill (SCLF). Samples were collected on August 9-12, 2010 by the SWMD Field Sampling Team and analyzed by our contracted laboratory, Test America, Inc. This report provides all the analytical results and the quality control data, and a brief discussion of the parameter specific water quality observations across the site is provided in the following text.

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 4.32 to 5.91 pH units. The pH values at the site have historically been observed to be below the acceptable range, and are consistent with the historical background water quality for the site. No unusual conditions or changes in 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 0.4 to 19.8 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 in the surface water tributary to Long Flat Creek after each significant rainfall event. During the second quarter from May to August 2010, turbidity measurements were recorded and a table of the recorded values is provided within this report. No violations of the compliance value of 29 NTU over the background upstream value were observed at our surface water discharge point, 3C2, during the quarter.

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, respectively. Results during this sampling event were 18.4 pCi/l and 15.3 pCi/l, respectively. This supply well periodically exhibits total alpha and radium 226 above the PDWS. 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, 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)

Surficial aquifer detection groundwater monitoring well, TH-71A, which is located immediately down gradient of Sections 7, 8 & 9, exhibited TDS concentrations of 560 mg/l. This value exceeds the SDWS of 500 mg/l. The concentrations of TDS in this well has consistently been observed near or above the standard. However, as previously discussed, the areas up gradient of these wells was subjected to significant earth moving and filling activities, and those activities in combination with the geology of the subsurface below Section 9 are likely the source of the elevated TDS values.

METALS

Arsenic

Arsenic was observed above the PDWS of 0.01 mg/l in two surficial aquifer detection monitoring wells during this sampling event. TH-58 and TH-65 exhibited concentrations of 0.03 and 0.011 mg/l, respectively. As discussed in previous submittals, the SWMD maintains the position that the arsenic observed in these wells 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 a potential and likely source of arsenic. The arsenic could

also be naturally occurring within the soils surrounding these wells and other localized areas at the site. The SWMD will continue to monitor and evaluate the arsenic concentrations in these wells.

Iron

Iron concentrations in twelve (12) of fourteen (14) 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 0.4 mg/l to 24 mg/l. The iron concentrations observed in the surficial aquifer wells across the site have historically been elevated in several areas. The potential sources for the elevated iron concentrations at the site have been discussed over the years, and there appears to be more than a single contributing factor. The SWMD maintains the position that the source of the elevated iron concentrations within the surficial aquifer groundwater at the Southeast County Landfill site is not the buried wastes within the lined landfills.

The private supply wells owned by Weeks and Holland exhibited concentrations of iron above the SDWS with concentrations of 0.5 mg/l and 1.7 mg/l, respectively. Concentrations of iron within these wells are consistently above the SDWS, and the SWMD maintains the position that the iron is not attributable to the landfill. In addition, the Barnes private supply well was inoperable and the homeowner indicated it should be repaired before the next sampling event in November. 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.

SITE CONDITIONS

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 prepare an elevation and contour diagram to evaluate the general directions of groundwater flow across the site. 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.

Well Abandonments

The SWMD completed the abandonment of four (4) monitoring wells that were no longer utilized for water quality or elevation data. The surficial aquifer monitoring wells, TH-56A, TH-69, TH-70, and TH-71 were properly abandoned on June 25, 2010 in accordance with SWFWMD rules and regulations. A separate letter report detailing the abandonment activities was submitted on July 21, 2010 to the Department of Environmental Protection.

Mr. John Morris, P.G.
October 18, 2010
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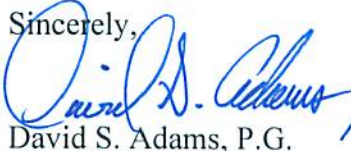
CONCLUSIONS

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 were observed in TH-58 and TH-65, but this is believed to be a result of the mobilization of naturally occurring arsenic locally or within the anaerobic environment under the lined Phases 1-6 of the landfill. No impacts to groundwater that can be attributable to the buried wastes within the lined landfills on site have been documented to date. 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 of the tributary to Long Flat Creek. This report also 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 2010.

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 adamds@hillsboroughcounty.org.

Sincerely,


David S. Adams, P.G.
Environmental Manager
Public Utilities Department
Solid Waste Management Division

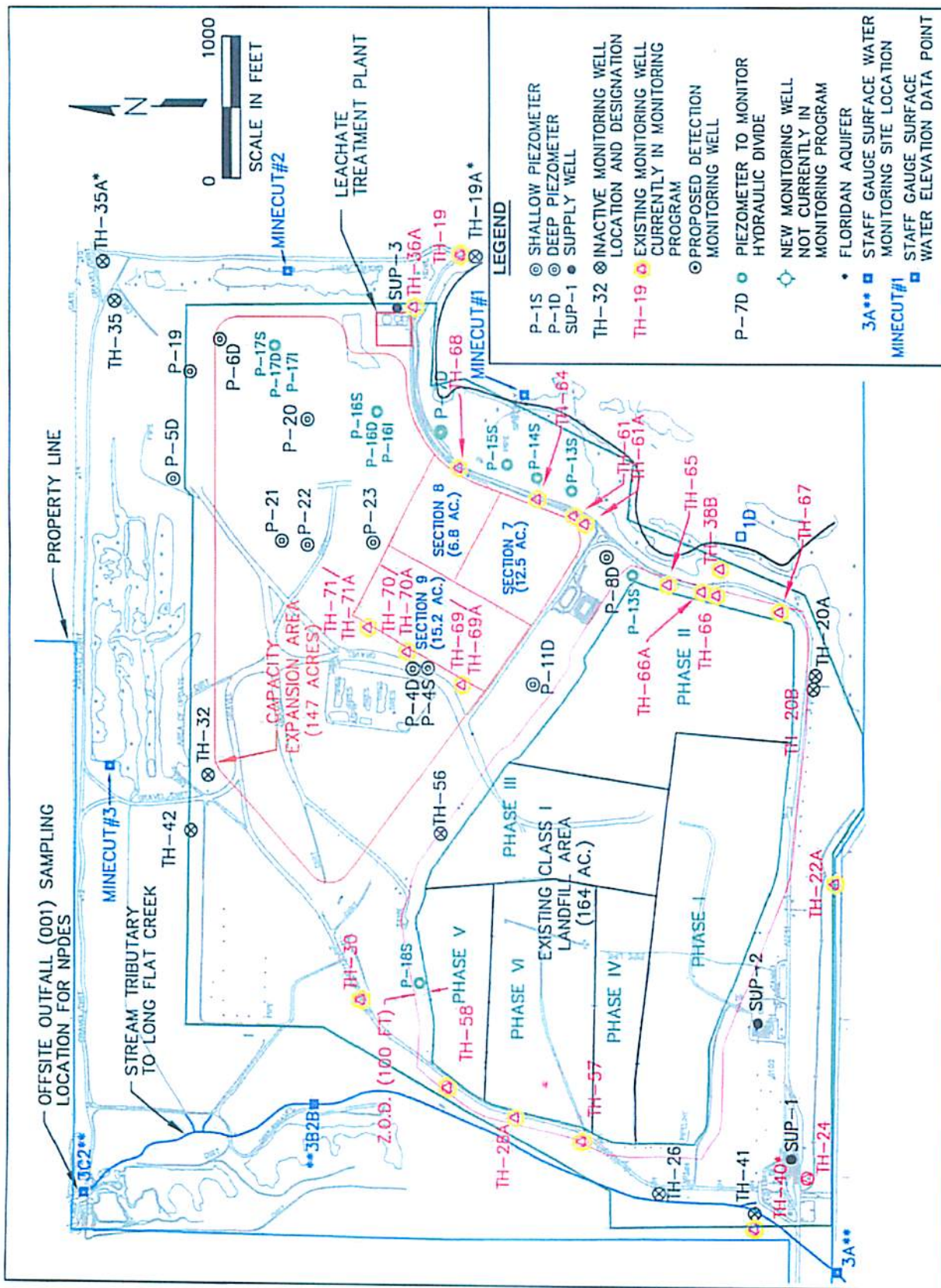
10/18/2010



DSA/mdt

xc: Barry M. Boldissar, Director, SWMD, w/o enclosures
Patricia Berry, Section Manager, SWMD, w/o enclosures
Larry Ruiz, Project Manager, SWMD
Rich Simering, HDR
Ernest Ely, Landfill Manager, WM, Southeast Landfill
Chongman Lee, Florida Department of Environmental Protection
Clark Moore, Florida Department of Environmental Protection
Andy Schipfer, HC Environmental Protection Commission
Irene Barnes, Southeast Hillsborough Civic Association

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Site Map
Southeast County Landfill Facility, Hillsborough County, Florida

HILLSBOROUGH COUNTY
SOUTHEAST COUNTY LANDFILL TURBIDITY MONITORING

Date	Sampling Location	Time	Turbidity (NTU)	Notes
6/4/2010	3A	8:21 a.m.	20	1.2" rain on 6/3/2010
	3B2B	8:31 a.m.	5.3	
	3C2	8:40 a.m.	10	
6/19/2010	3A	7:36 a.m.	7	1.9" rain on 6/18/2010
	3B2B	7:46 a.m.	6.4	
	3C2	7:53 a.m.	6	
6/22/2010	3A	7:49 a.m.	6.9	1" rain on 6/21/2010
	3B2B	8:00 a.m.	7.1	
	3C2	8:05 a.m.	9.6	
7/5/2010	3A	7:35 a.m.	4.6	1.9" rain on 7/4/2010
	3B2B	7:41 a.m.	7.1	
	3C2	7:46 a.m.	6.7	
7/7/2010	3A	7:15 a.m.	3.9	1.2" rain on 7/6/2010
	3B2B	7:30 a.m.	5.2	
	3C2	7:38 a.m.	5.2	
7/16/2010	3A	7:45 a.m.	3.7	1.4" rain on 7/15/2010
	3B2B	7:30 a.m.	4.4	
	3C2	7:38 a.m.	6.5	
7/24/2010	3A	7:33 a.m.	4	1.1" rain on 7/23/2010
	3B2B	7:45 a.m.	4.9	
	3C2	7:47 a.m.	5.8	

Analytical Results from Groundwater Monitoring Wells Located at the Southeast Landfill (Phases 1-6) August 11-12, 2010

GENERAL (mg/l)	Floridan Aquifer				Surficial Aquifer Wells								(MCL) STANDARD F.A.C. 62-560
	TH-19	TH-40	TH-22A	TH-28A	TH-57	TH-58	TH-65	TH-66	TH-67	TH-67	TH-67	TH-67	
well type	Background	Detection	Background	Detection	Detection	Detection	Detection	Background	Detection	Background	Detection	Detection	NA
conductivity (umhoal/cm) (field)	397	345	232	224	155	436	283	337	228	337	228	228	NS
dissolved oxygen (mg/l) (field)	0.39	0.22	0.41	0.5	0.32	0.40	0.32	0.24	2.35	0.24	2.35	2.35	NS
pH (field)	8.48	7.78	8.32	8.47	8.77	8.28	8.33	8.31	8.94	8.31	8.94	8.94	(8.5 - 8.5)***
temperature (°C) (field)	23.60	23.50	24.10	26.30	26.10	25.40	24.60	25.10	27.80	25.10	27.80	27.80	NS
turbidity (NTU) (field)	0.2	0.3	16.6	8.8	0.6	0.6	0.8	0.4	2.2	0.4	2.2	2.2	NS
total dissolved solids (mg/l)	260	200	150	130	94	270	180	230	130	180	230	130	500**
chloride (mg/l)	8.5	9.5	25	51	38	69	14	57	4.1	69	14	57	250**
ammonia nitrogen (mg/l as N)	0.26	0.34	0.67	1.1	0.79	0.69	1.0	0.5	0.15	0.79	0.69	1.0	NS
nitrate (mg/l as N)	BDL	BDL	BDL	BDL	BDL	0.13	BDL	BDL	0.38	BDL	0.13	BDL	10*
Metals: (mg/l)	Floridan Aquifer				Surficial Aquifer Wells								(MCL) STANDARD F.A.C. 62-560
	TH-19	TH-40	TH-22A	TH-28A	TH-57	TH-58	TH-65	TH-66	TH-67	TH-67	TH-67	TH-67	
iron	BDL	0.037	0.50	3.0	0.41	8.2	8.2	2.4	0.2	0.41	8.2	8.2	0.3**
cadmium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005*
chromium	BDL	BDL	0.0048	0.0055	BDL	BDL	0.0028	BDL	BDL	0.0055	BDL	BDL	0.2
copper	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1**
beryllium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.004*
barium	0.0056	0.0056	0.072	0.019	0.068	0.018	BDL	0.0033	0.0049	0.068	0.018	BDL	2*
cobalt	BDL	BDL	BDL	0.00056	BDL	0.00039	0.0026	BDL	0.00054	BDL	0.00039	0.0026	140***
arsenic	BDL	BDL	BDL	0.0028	BDL	0.011	BDL	0.003	0.0013	BDL	0.011	BDL	0.01*
lead	BDL	BDL	0.0015	0.0021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.016*
nickel	BDL	BDL	BDL	BDL	BDL	BDL	0.0038	BDL	0.0033	BDL	0.0038	BDL	0.1*
selenium	BDL	BDL	BDL	BDL	BDL	BDL	0.0011	BDL	BDL	BDL	0.0011	BDL	0.08*
sodium	14	17	5.1	19	11	15	13	11	8.2	19	15	13	160*
mercury	BDL	BDL	0.00044	0.00012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.002*
vanadium	BDL	BDL	0.0043	0.0052	BDL	0.0092	0.0048	BDL	0.026	0.0043	0.0052	BDL	49***
antimony	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.006*
zinc	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5**
thallium	BDL	BDL	BDL	BDL	BDL	BDL	0.0013	BDL	BDL	BDL	0.0013	BDL	0.002*
Organics: (µg/l)	Floridan Aquifer				Surficial Aquifer Wells								(MCL) STANDARD F.A.C. 62-560
	TH-19	TH-40	TH-22A	TH-28A	TH-57	TH-58	TH-65	TH-66	TH-67	TH-67	TH-67	TH-67	
Organic Parameters Detected	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2100**
trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700***
carbon disulfide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5*
methylene chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700***
1,1-dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.6***
bromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS
iodomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS
ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700*
toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000*
total xylenes	BDL	BDL	BDL	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 * DENOTES OR FLORIDA GUIDANCE CONCENTRATION MCL (shaded and bold) *** EXCEEDS STANDARDS NTU= NEPHELOMETRIC TURBIDITY UNITS µg/l= MICROGRAMS PER LITER mg/l= MILLIGRAMS PER LITER NGVD= National Geodetic Vertical Datum													

Analytical Results from Groundwater Monitoring Wells Located at the Southeast Landfill (Sections 7-9) August 11-12, 2010

Analytical Results from Surface Water Samples Collected at Southeast Landfill August 10, 2010

GENERAL					
PARAMETERS					(MCL) STANDARD
	Mine Cut #1	Surface Site 3A	Surface Site 3B2B	Surface Site 3C2	F.A.C. 62-302
water level NGVD	120.22	123.53	98.97	83.33	NS
conductivity (umhos/cm) (field)	853	761	850	898	1275
dissolved oxygen (mg/l) (field)	0.11	2.72	0.14	6.03	Must Be > OR=5.0
pH (field)	6.10	6.90	6.39	6.69	(6.5 - 8.5)
temperature (°C) in field	26.08	25.72	26.68	27.76	NS
turbidity (field) (NTU)	11.5	3.5	2.5	3.3	29
total dissolved solids (mg/l)	220	130	130	270	NS
total suspended solids (mg/l)	190	4.4	2.4	5.2	NS
nitrate (mg/l)	BDL	BDL	BDL	0.22	NS
total nitrogen (mg/l)	7.1	0.93	0.87	1	NS
total phosphorous (mg/l)	6	BDL	0.26	0.45	NS
biochem. oxygen demand (mg/l)	11	BDL	BDL	BDL	NS
chemical oxygen demand (mg/l)	320	38	37	33	NS
total organic carbon (mg/l as C)	44	13	15	14	NS
chlorophyll-A (mg/m3)	51.7	7.2	2.1	3.6	NS
total hardness (mg/l as CaCO ₃)	130	64	87	120	NS
unionized ammonia (mg/l)	0.00023	BDL	0.00027	0.00034	NS
fecal coliform (Col/100ml)	860	140	430	550	800
Metals: (mg/l)					(MCL) STANDARD
	Mine Cut #1	Surface Site 3A	Surface Site 3B2B	Surface Site 3C2	F.A.C. 62-302
iron	6.1	0.3	0.51	0.50	1
arsenic	0.0017	BDL	BDL	0.0014	< or = to 0.05
copper	0.0041	0.0017	0.0021	BDL	**
barium	0.027	0.020	0.014	0.012	NS
beryllium	BDL	BDL	BDL	BDL	1.3
cobalt	0.00068	BDL	0.00017	0.00017	NS
lead	0.0014	BDL	BDL	BDL	*****
vanadium	0.0046	BDL	BDL	0.0048	NS
chromium	0.0035	BDL	BDL	BDL	***
nickel	0.0029	BDL	BDL	BDL	****
zinc	0.015	0.0092	0.0083	BDL	*=105.99
thallium	BDL	BDL	BDL	BDL	<0.0063
cadmium	0.0002	BDL	BDL	BDL	*****
mercury	BDL	BDL	BDL	BDL	0.000012
Organics: (µg/l)					(MCL) STANDARD
	Mine Cut #1	Surface Site 3A	Surface Site 3B2B	Surface Site 3C2	F.A.C. 62-302
Organic Parameters Detected					
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 * = $Zn < \text{or} = e(0.8473[\ln H] + 0.7614)$, note: H=Hardness, for 3A standard is 105.99 ** = $Cu < \text{or} = e(0.8545[\ln H] - 1.465)$ *** = $Cr < \text{or} = e(0.819[\ln H] + 1.561)$ **** = $Ni < \text{or} = e(0.846[\ln H] + 1.1645)$ ***** = $Pb < \text{or} = e(1.273[\ln H] - 4.705)$ ***** = $Ca < \text{or} = e(0.7852[\ln H] - 3.49)$					
0.11 EXCEEDS CHAPTER 62-302 SURFACE WATER QUALITY STANDARDS NTU= NEPHELOMETRIC TURBIDITY UNITS µg/l= MICROGRAMS PER LITER mg/l= MILLIGRAMS PER LITER					

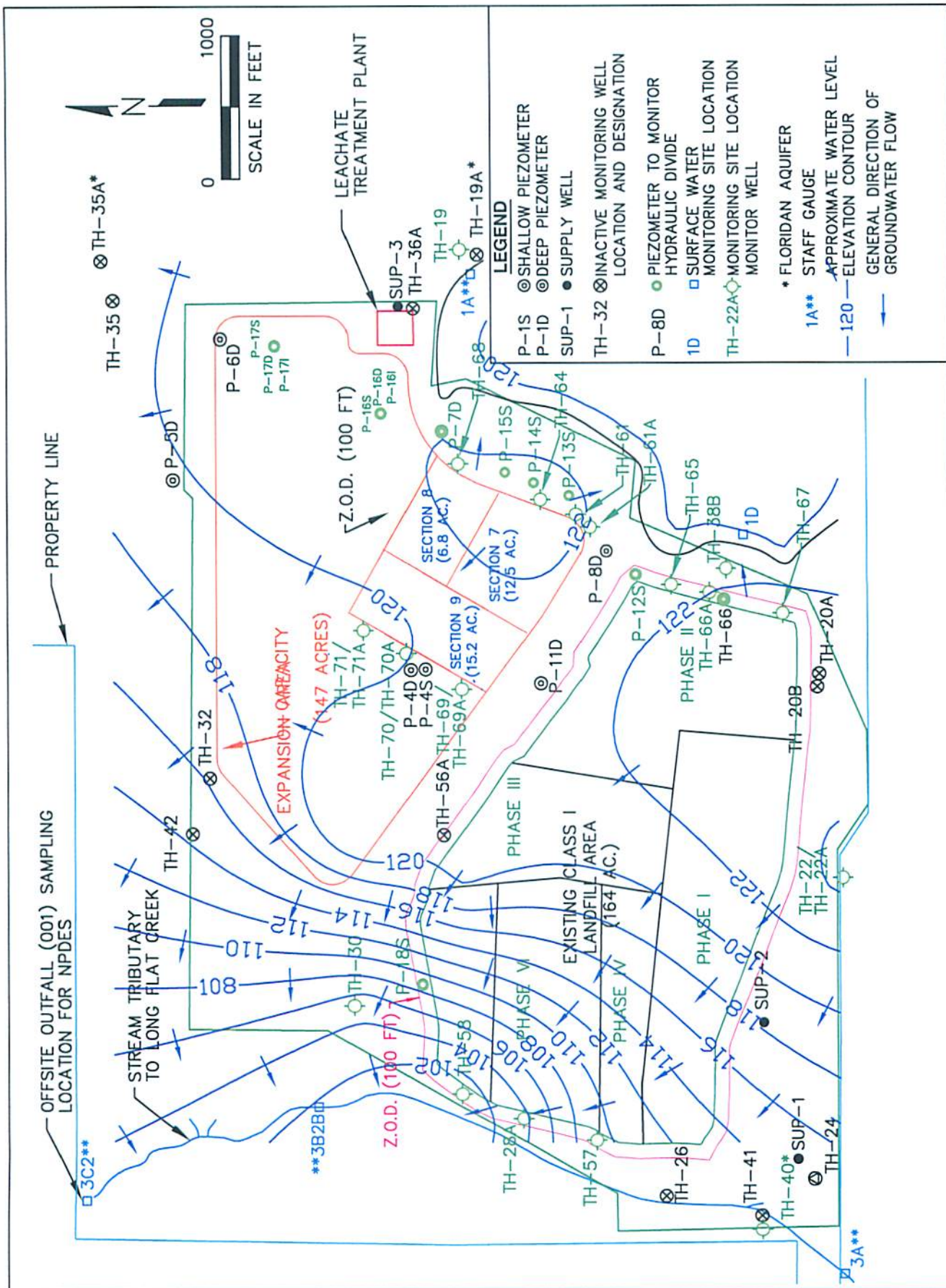
Analytical Results from Private Well Samples at the Southeast Landfill August 9, 2010

GENERAL (mg/l) PARAMETERS	Private Wells			(MCL) STANDARD F.A.C. 62-550
	Weeks	Holland	Barnes	
conductivity (umhos/cm) (field)	953	897	ND	NS
dissolved oxygen (mg/l) (field)	0.61	0.61	ND	NS
pH (field)	7.08	7.08	ND	(6.5 - 8.5)**
temperature (°C) (field)	23.95	24.53	ND	NS
turbidity (NTU) (field)	3.6	3.6	ND	NS
total dissolved solids (mg/l)	320	230	ND	500**
total suspended solids (mg/l)	4	3.6	ND	NS
total organic carbon (mg/l)	2.7	1.4	ND	NS
chloride (mg/l)	44	21	ND	250**
ammonia nitrogen (mg/l as N)	0.066	0.037	ND	NS
nitrate (mg/l as N)	BDL	BDL	ND	10*
total alpha (pCi/l)	18.4	13.6	ND	15*
radium 226 (pCi/l)	15.3	3	ND	5*
radium 228 (pCi/l)	0.8	0.5	ND	5*
Metals: (mg/l)	Private Wells			(MCL) STANDARD F.A.C. 62-550
	Weeks	Holland	Barnes	
iron	1.2	1.9	ND	0.3**
chromium	BDL	BDL	ND	0.2
cadmium	0.00017	BDL	ND	0.005*
cobalt	BDL	BDL	ND	140***
copper	0.002	BDL	ND	1**
barium	0.0053	0.0046	ND	2*
arsenic	0.0068	BDL	ND	0.01*
lead	0.0025	0.00052	ND	0.015*
sodium	8.5	5.2	ND	160*
mercury	BDL	BDL	ND	0.002
zinc	0.12	0.033	ND	5**
antimony	BDL	BDL	ND	0.006*
nickel	BDL	0.0057	ND	0.1*
Organics: (µg/l) Organic Parameters Detected	Private Wells			(MCL) STANDARD F.A.C. 62-550
	Weeks	Holland	Barnes	
iodomethane	BDL	BDL	ND	NS
methylene chloride	BDL	BDL	ND	5*
1,1-dichloroethene	BDL	BDL	ND	7*
Notes: Reference Groundwater Guidance Concentrations, FDEP June 1994				
NS=NO STANDARD				
ND=NO DATA				
MCL=MAXIMUM CONTAMINANT LEVEL				
BDL=BELOW DETECTION LIMIT				
*=DENOTES PRIMARY DRINKING WATER STANDARD				
**=DENOTES SECONDARY DRINKING WATER STANDARD				
18.4 : EXCEEDS STANDARDS				
NTU=NEPHELOMETRIC TURBIDITY UNITS				
pCi/l=PICOCURIES PER LITER				
ug/l=MICROGRAMS PER LITER				
mg/l=MILLIGRAMS PER LITER				

Groundwater and Surface Water Elevation For Southeast County Landfill

August 10, 2010

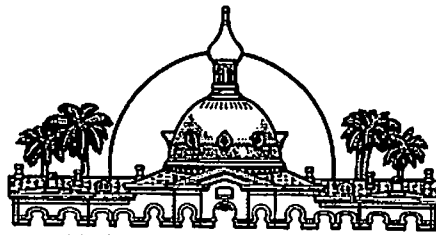
Measuring Point I.D.	T.O.C. Elevations (NGVD)	8/10/2010 W.L. B.T.O.C.	W.L. (NGVD)
P-4D	140.78	21.80	118.98
P-4S	140.95	9.28	131.69
P-5D	151.94	Dry	Dry
P-6D-A	148.01	25.24	122.77
P-7D	138.92	16.96	121.96
P-8D	138.34	17.63	120.71
P-11D	138.02	16.96	121.06
P-12S	134.97	13.71	121.26
P-13S	140.21	17.39	122.82
P-14S	138.56	15.45	123.11
P-15S	139.19	16.84	122.35
P-16S	143.38	16.10	127.28
P-16I	144.15	23.33	120.82
P-16D	143.84	23.05	120.79
P-17S	137.35	12.45	124.90
P-17I	137.32	15.06	122.26
P-17D	137.22	15.28	121.94
P-18S	129.86	18.19	111.67
P-19	133.36	11.27	122.09
P-20	132.38	11.58	120.80
P-21	122.79	1.56	121.23
P-22	128.35	7.46	120.89
P-23	143.13	22.60	120.53
TH-19*	130.27	93.35	36.92
TH-20A	131.86	8.71	123.15
TH-20B	132.57	9.60	122.97
TH-22	128.82	4.34	124.48
TH-22A	129.27	4.95	124.32
TH-24A	128.23	3.95	124.28
TH-26	125.65	Dry	Dry
TH-28A	131.10	27.75	103.35
TH-30	128.88	23.88	105.00
TH-32	129.90	13.76	116.14
TH-35	145.98	27.60	118.38
TH-36A	152.70	32.49	120.21
TH-38A	130.68	10.16	120.52
TH-38B	131.81	11.16	120.65
TH-40*	124.99	88.78	36.21
TH-41*	125.00	92.44	32.56
TH-42*	116.74	65.82	50.92
TH-57	128.36	19.30	109.06
TH-58	127.88	27.52	100.36
TH-61	138.73	16.48	122.25
TH-61A	139.45	15.38	124.07
TH-64	139.64	15.92	123.72
TH-65	135.40	14.25	121.15
TH-66	130.58	8.49	122.09
TH-66A	130.66	8.85	121.81
TH-67	129.51	4.81	124.70
TH-68	140.01	14.55	125.46
TH-69A	144.97	25.30	119.67
TH-70A	146.63	26.98	119.65
TH-71A	146.95	23.25	123.70
SW-3A	3.0'=125.53'	1.00	123.53
SW-3B2B	3.0'=97.97'	2.00	96.97
SW-3C2	6.0'=82.33'	1.84	88.17
Mino Cut #1	4.0'=122.14'	2.08	120.22
Mino Cut #2	6.0'=123.47'	3.04	120.51
Mino Cut #3	4.0'=112.27'	2.02	110.29
Mino 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			
W.L. = Water Level			



Southeast County Landfill
 Groundwater Elevation Contour Diagram — August 2010

BOARD OF COUNTY COMMISSIONERS

Kevin Beckner
Rose V. Ferlita
Ken Hagan
Al Higginbotham
Jim Norman
Mark Sharpe
Kevin White



Hillsborough County
Florida

Office of the Interim County Administrator
Michael S. Merrill

ADMINISTRATORS

Lucia E. Garsys
Carl S. Harness
Eric R. Johnson
Manus J. O'Donnell
Edith M. Stewart

October 18, 2010

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

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

Dear Mr. & Mrs. Weeks:

The Hillsborough County Public Utilities Department, Solid Waste Management Division (SWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on August 9, 2010. Iron was observed at a concentration of 1.2 mg/l. This value exceeds the Florida Secondary Drinking Water Standard (FAC Ch 62-550.320) of 0.3 mg/l. Gross alpha and Radium 226 were observed at concentrations of 18.4 pCi/l and 15.3 pCi/l, which exceed the Florida Primary Drinking Water Standards (FAC Ch 62-550.310) of 15 pCi/l and 5 pCi/l, respectively. 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,

A handwritten signature in black ink, appearing to read "Michael D. Townsel", is written over a horizontal line.

10/18/2010

Michael D. Townsel
Senior Hydrologist
Public Utilities Department
Solid Waste Management Division

mdt

Enclosures

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

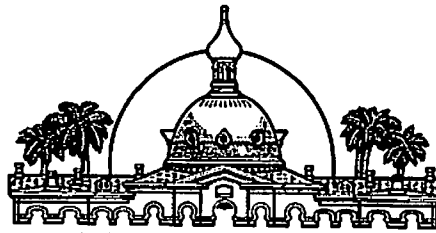
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October 18, 2010

Mr. Tom Holland
121 Carter Road
Lithia, FL 33547

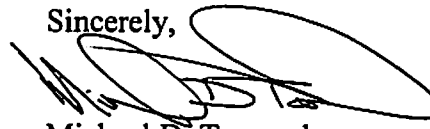
**Subject: Analytical Data Report
Domestic Supply Well
121 Carter Road**

Dear Mr. Holland:

The Hillsborough County Public Utilities Department, Solid Waste Management Division (SWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on August 9, 2010. Iron was observed at a concentration of 1.9 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,

A handwritten signature in black ink, appearing to read "Michael D. Townsel", is written over a large, stylized oval shape.

Michael D. Townsel
Senior Hydrologist
Public Utilities Department
Solid Waste Management Department

mdt

Enclosures

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

ANALYTICAL REPORT

Job Number: 660-36644-1

Job Description: Southeast Landfill

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
8/27/2010 4:50 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
08/27/2010

cc: Mr. Jim Clayton
Mr. Michael Townsel

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

TestAmerica Laboratories, Inc.

TestAmerica Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634
Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



Job Narrative
660-36644-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: The matrix spike (MS) recoveries for batch 98558 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC Semi VOA

Method 8011: The matrix spike (MS) recoveries for batch 98415 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Metals

Method 6020A: The matrix spike duplicate (MSD) recovery for Sodium in batch 177295 was outside control limits. The associated laboratory control sample recoveries met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

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

Job Number: 660-36644-1

Client Sample ID: Holland
Lab Sample ID: 660-36644-1

Date Sampled: 08/09/2010 1110
Date Received: 08/09/2010 1423
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: 900.0 Gross Alpha	13.6+-3.3	Date Analyzed: 08/12/2010 1525 pCi/L	3.1	1.0
Method: 903.0 Radium-226	3.0+-0.9	Date Analyzed: 08/17/2010 1200 pCi/L	0.7	1.0
Total Alpha Emitting Radium Isotopes	3.5+-0.9	pCi/L	1.0	1.0
Method: Ra-05 Radium-228	0.5+-0.9	Date Analyzed: 08/18/2010 0953 pCi/L	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: 660-36644-1

Client Sample ID: Holland
Lab Sample ID: 660-36644-1

Date Sampled: 08/09/2010 1110
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/12/2010 1834		
Prep Method: 5030B			Date Prepared: 08/12/2010 1834		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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: 660-36644-1

Client Sample ID: Holland
Lab Sample ID: 660-36644-1

Date Sampled: 08/09/2010 1110
Date Received: 08/09/2010 1423
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	93		%		70 - 130	
Dibromofluoromethane	97		%		70 - 130	
Toluene-d8 (Surr)	96		%		70 - 130	
Method: 8011			Date Analyzed: 08/10/2010 2117			
Prep Method: 8011			Date Prepared: 08/10/2010 1319			
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.020	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	97		%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 08/22/2010 0313			
Prep Method: 3005A			Date Prepared: 08/16/2010 1201			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	4.6	I	ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	1900		ug/L	33	100	1.0
Lead	0.52	I	ug/L	0.20	1.5	1.0
Nickel	5.7		ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	5.2		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	33		ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/12/2010 1627			
Prep Method: 7470A			Date Prepared: 08/10/2010 1606			
Mercury	0.091	U	ug/L	0.091	0.20	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: 660-36644-1

Client Sample ID: Holland
Lab Sample ID: 660-36644-1

Date Sampled: 08/09/2010 1110
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	21	mg/L	0.36	10	10
Method: 350.1 Ammonia (as N)	0.037	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0
Method: SM 5310C Total Organic Carbon	1.4	mg/L	0.35	1.0	1.0

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24th Floor County Center
Tampa, FL 33601

Job Number: 660-36644-1

Client Sample ID: Holland
Lab Sample ID: 660-36644-1

Date Sampled: 08/09/2010 1110
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed: 08/09/2010 1110		
Field pH	7.08	SU			1.0
Field Temperature	24.53	Degrees C			1.0
Oxygen, Dissolved	0.61	mg/L			1.0
Specific Conductance	897	umhos/cm			1.0
Turbidity	3.6	NTU			1.0

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Solid Waste Management Department
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24th Floor County Center
Tampa, FL 33601

Job Number: 660-36644-1

Client Sample ID: Holland
Lab Sample ID: 660-36644-1

Date Sampled: 08/09/2010 1110
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/10/2010 1012	
Total Dissolved Solids	230	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	08/12/2010 1232	
Total Suspended Solids	3.6	mg/L	1.0	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: 660-36644-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36644-2

Date Sampled: 08/09/2010 1005
Date Received: 08/09/2010 1423
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: 900.0 Gross Alpha	0.3+-0.3	pCi/L	0.5	1.0
Method: 903.0 Radium-226	0.3+-0.4	pCi/L	0.6	1.0
Total Alpha Emitting Radium Isotopes	0.9+-0.8	pCi/L	1.0	1.0
Method: Ra-05 Radium-228	0.6+-0.8	pCi/L	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: 660-36644-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36644-2

Date Sampled: 08/09/2010 1005
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/12/2010 1856		
Prep Method: 5030B			Date Prepared:	08/12/2010 1856		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	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	1.0	U	ug/L	1.0	2.0	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: 660-36644-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36644-2

Date Sampled: 08/09/2010 1005
Date Received: 08/09/2010 1423
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	91		%		70 - 130	
Dibromofluoromethane	100		%		70 - 130	
Toluene-d8 (Surr)	95		%		70 - 130	
Method: 8011				Date Analyzed:	08/10/2010 2152	
Prep Method: 8011				Date Prepared:	08/10/2010 1319	
1,2-Dibromo-3-Chloropropane	0.0099	U	ug/L	0.0099	0.020	1.0
Ethylene Dibromide	0.0099	U	ug/L	0.0099	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	92		%		60 - 140	
Method: Total Recoverable-6020A				Date Analyzed:	08/22/2010 0320	
Prep Method: 3005A				Date Prepared:	08/16/2010 1201	
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	1.3	U	ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	33	U	ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	0.25	U	mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A				Date Analyzed:	08/12/2010 1630	
Prep Method: 7470A				Date Prepared:	08/10/2010 1606	
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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

Job Number: 660-36644-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36644-2

Date Sampled: 08/09/2010 1005
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	0.30 I	mg/L	Date Analyzed: 08/16/2010 2201 0.036	1.0	1.0
Method: 350.1 Ammonia (as N)	0.12	mg/L	Date Analyzed: 08/10/2010 1142 0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	Date Analyzed: 08/10/2010 1500 0.10	0.50	1.0
Method: SM 5310C Total Organic Carbon	0.35 U	mg/L	Date Analyzed: 08/10/2010 1049 0.35	1.0	1.0

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Job Number: 660-36644-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36644-2

Date Sampled: 08/09/2010 1005
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/10/2010 1012	
Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	08/12/2010 1232	
Total Suspended Solids	1.0 U	mg/L	1.0	1.0	1.0

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

Job Number: 660-36644-1

Client Sample ID: Weeks
Lab Sample ID: 660-36644-3

Date Sampled: 08/09/2010 1035
Date Received: 08/09/2010 1423
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: 900.0		Date Analyzed:	08/16/2010 0800	
Gross Alpha	18.4+-2.2	pCi/L	1.1	1.0
Method: 903.0		Date Analyzed:	08/17/2010 1200	
Radium-226	15.3+-1.8	pCi/L	0.6	1.0
Total Alpha Emitting Radium Isotopes	16.1+-1.8	pCi/L	1.0	1.0
Method: Ra-05		Date Analyzed:	08/18/2010 0953	
Radium-228	0.8+-0.8	pCi/L	1.0	1.0

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Solid Waste Management Department
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Tampa, FL 33601

Job Number: 660-36644-1

Client Sample ID: Weeks
Lab Sample ID: 660-36644-3

Date Sampled: 08/09/2010 1035
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/13/2010 1052		
Prep Method: 5030B			Date Prepared: 08/13/2010 1052		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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
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Tampa, FL 33601

Job Number: 660-36644-1

Client Sample ID: Weeks
Lab Sample ID: 660-36644-3

Date Sampled: 08/09/2010 1035
Date Received: 08/09/2010 1423
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	93		%		70 - 130	
Dibromofluoromethane	97		%		70 - 130	
Toluene-d8 (Surr)	94		%		70 - 130	
Method: 8011			Date Analyzed: 08/10/2010 2210			
Prep Method: 8011			Date Prepared: 08/10/2010 1319			
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.020	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	91		%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 08/22/2010 0328			
Prep Method: 3005A			Date Prepared: 08/16/2010 1201			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	6.8		ug/L	1.3	2.5	1.0
Barium	5.3		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.17	I	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	2.0	I	ug/L	1.1	5.0	1.0
Iron	1200		ug/L	33	100	1.0
Lead	2.5		ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	8.5		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	120		ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/12/2010 1639			
Prep Method: 7470A			Date Prepared: 08/10/2010 1606			
Mercury	0.091	U	ug/L	0.091	0.20	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: 660-36644-1

Client Sample ID: Weeks
Lab Sample ID: 660-36644-3

Date Sampled: 08/09/2010 1035
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	44	mg/L	0.36	10	10
Method: 350.1 Ammonia (as N)	0.066	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0
Method: SM 5310C Total Organic Carbon	2.7	mg/L	0.35	1.0	1.0

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

Job Number: 660-36644-1

Client Sample ID: Weeks
Lab Sample ID: 660-36644-3

Date Sampled: 08/09/2010 1035
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed: 08/09/2010 1035		
Field pH	7.08	SU			1.0
Field Temperature	23.95	Degrees C			1.0
Oxygen, Dissolved	0.61	mg/L			1.0
Specific Conductance	953	umhos/cm			1.0
Turbidity	3.6	NTU			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: 660-36644-1

Client Sample ID: Weeks
Lab Sample ID: 660-36644-3

Date Sampled: 08/09/2010 1035
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/10/2010 1013	
Total Dissolved Solids	320	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	08/12/2010 1232	
Total Suspended Solids	4.0	mg/L	1.0	1.0	1.0

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

Job Number: 660-36644-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-36644-4

Date Sampled: 08/09/2010 1000
Date Received: 08/09/2010 1423
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/12/2010 1704		
Prep Method: 5030B			Date Prepared: 08/12/2010 1704		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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: 660-36644-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-36644-4

Date Sampled: 08/09/2010 1000
Date Received: 08/09/2010 1423
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	92		%		70 - 130	
Dibromofluoromethane	107		%		70 - 130	
Toluene-d8 (Surr)	97		%		70 - 130	

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-36644-1

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		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
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		
	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.

DOH Certification #E84025
DEP COMPQAP # 870251



2742 N. Florida Ave.
P.O. Box 1833
Tampa, Florida 33601
(813) 229-2879
Fax (813) 229-0002

Report Date: August 26, 2010

TestAmerica Tampa
6712 Benjamin Road
Tampa, FL 33634

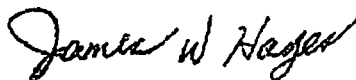
Attn: Nancy Robertson

Field Custody: Client
Client/Field ID: 660-36644-1
Holland

Sample Collection: 8-9-10/1110
Lab ID No: 10.5242
Lab Custody Date: 8-10-10/0910
Sample description: Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	13.6 ± 3.3	08-12-10/1525	EPA 900.0	3.1
Combined Radium (Radium-226 + Radium 228)	pCi/l	3.5 ± 0.9	Calc	Calc	1.0
Radium-226	pCi/l	3.0 ± 0.9	08-17-10/1200	EPA 903.0	0.7
Radium-228	pCi/l	0.5 ± 0.9	8-18-10/0953	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.

Page 1 of 1

DOH Certification #E84025
DEP COMPQAP # 870251



LABORATORY SERVICES

2742 N. Florida Ave.
P.O. Box 1833
Tampa, Florida 33601
(813) 229-2879
Fax (813) 229-0002

Report Date: August 26, 2010

TestAmerica Tampa
6712 Benjamin Road
Tampa, FL 33634

Field Custody: Client
Client/Field ID: 660-36644-2
Equip. Blank

Attn: Nancy Robertson

Sample Collection: 8-9-10/1005
Lab ID No: 10.5243
Lab Custody Date: 8-10-10/0910
Sample description: Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	0.3 ± 0.3	08-16-10/0800	EPA 900.0	0.5
Combined Radium (Radium-226 + Radium 228)	pCi/l	0.9 ± 0.8	Calc	Calc	1.0
Radium-226	pCi/l	0.3 ± 0.4	08-17-10/1200	EPA 903.0	0.6
Radium-228	pCi/l	0.6 ± 0.8	8-18-10/0953	EPA Ra-05	1.0

A handwritten signature in cursive script that reads "James W. Hayes".

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.

DOH Certification #E84025
DEP COMPQAP # 870251



LABORATORY SERVICES

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P.O. Box 1833
Tampa, Florida 33601
(813) 229-2879
Fax (813) 229-0002

Report Date: August 26, 2010

TestAmerica Tampa
6712 Benjamin Road
Tampa, FL 33634

Attn: Nancy Robertson

Field Custody: Client
Client/Field ID: 660-36644-3
Weeks

Sample Collection: 8-9-10/1035
Lab ID No: 10.5244
Lab Custody Date: 8-10-10/0910
Sample description: Water

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	18.4 ± 2.2	08-16-10/0800	EPA 900.0	1.1
Combined Radium (Radium-226 + Radium 228)	pCi/l	16.1 ± 1.8	Calc	Calc	1.0
Radium-226	pCi/l	15.3 ± 1.8	08-17-10/1200	EPA 903.0	0.6
Radium-228	pCi/l	0.8 ± 0.8	8-18-10/0953	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.

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

THE LEADER IN ENVIRONMENTAL TESTING

08/27/2010

660-36644

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.

8-5-10 1:20

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT.

8-5-10 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 8-9-10 TIME 10:45

ACTUAL PURGE TIME: 25 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	COND	PH	DO	TURB
AB	11:00	24.54	897		7.08	0.63	3.0 =
AB	11:05	24.54	898		7.07	0.60	3.3
AB	11:10	24.53	897		7.08	0.61	3.6

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	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	2	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	

17 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

8-9-10 11:10

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:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

8-9-10 7:23

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

8-9-10 7:23

COMMENTS: NO#0025

4.2, 4.6°C Cu07

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. 8/5/10 170

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 1

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
<u>6</u>	40 ml VIAL	<u>3</u>	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
<u>2</u>	LITER PLASTIC	<u>3</u>	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

17 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

8-9-10 10:05

ANALYSIS REQUESTED:

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

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:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT.

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB.

DATE | TIME

8-9-10 7:27
8-9-10 7:23

COMMENT'S: W040025

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT.

8-5-10 | 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 8-9-10 TIME 10:10

ACTUAL PURGE TIME: 25 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>A2</u>	<u>10:25</u>	<u>23.97</u>	<u>956</u>	<u>7.08</u>	<u>0.63</u>	<u>3.0</u>
<u>A2</u>	<u>10:30</u>	<u>23.97</u>	<u>955</u>	<u>7.07</u>	<u>0.60</u>	<u>3.3</u>
<u>A2</u>	<u>10:35</u>	<u>23.95</u>	<u>953</u>	<u>7.08</u>	<u>0.61</u>	<u>3.6</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL	<u>3</u>	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
<u>2</u>	LITER PLASTIC	<u>3</u>	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

17 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

8-9-10 | 10:35

ANALYSIS REQUESTED:

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

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:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

8-9-10 | 2:23

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

8-9-10 | 2:23

COMMENT'S: NO#0025

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.

8-5-10 | 12:00

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT.

8-5-10 | 12:00

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

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

CONTAINER CODE:

NO. COL.
2

TYPE
VOC

PRESERVATIVE
1:1 HCL

CONTAINER TYPE
2-40 ml. SEPTUM VIAL

COLLECTED
DATE | TIME

8-9-10 | 10:00

2 TOTAL No. OF SAMPLES COLLECTED:

ANALYSIS REQUESTED:

EPA 8260

PRESERVED SAMPLES PH < 2.0 2/25 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT.

DATE | TIME

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB.

8-9-10 | 2:23

COMMENTS: 60 # 0025

Job Narrative
660-36660-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: The matrix spike (MS) recoveries for batch 98558 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

Method 6020A: The matrix spike (MS) recovery for batch 177539 was outside control limits for Calcium. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 177001 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry

Method 365.4: Analyst failed to spike the matrix spike (MS) for batch 98542. The matrix spike duplicate (MSD) recovery for batch was outside control limits. The associated laboratory control sample (LCS) recovery met criteria. The sample is flagged with J3.

Method SM 9222D: Standard Methods 9222D requires a weighted average to be performed if multiple dilutions are analyzed with no dilution falling within the ideal range of 20-60 colonies. Two dilutions were performed for sample Mine Cut #1D WACS#834 coliform (660-36660-7), Surface Site 3A WACS# 836 coliform (660-36660-8). No dilution fell within the ideal range; therefore, the final result was obtained using the weighted average. Samples are flagged with B.

No other analytical or quality issues were noted.

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

Job Number: 660-36660-1

Client Sample ID: Mine Cut #1D WAC#834
Lab Sample ID: 660-36660-1

Date Sampled: 08/10/2010 1000
Date Received: 08/10/2010 1435
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: SM 10200H				
Chlorophyll a	51.7	ug/L	2.00	1.0

Date Analyzed: 08/13/2010 0926

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

Job Number: 660-36660-1

Client Sample ID: Mine Cut #1D WAC#834
Lab Sample ID: 660-36660-1

Date Sampled: 08/10/2010 1000
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/12/2010 0941		
Prep Method: 5030B			Date Prepared: 08/12/2010 0941		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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: 660-36660-1

Client Sample ID: Mine Cut #1D WAC#834
Lab Sample ID: 660-36660-1

Date Sampled: 08/10/2010 1000
Date Received: 08/10/2010 1435
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	91		%		70 - 130	
Dibromofluoromethane	94		%		70 - 130	
Toluene-d8 (Surr)	97		%		70 - 130	
Method: 8011			Date Analyzed: 08/16/2010 1946			
Prep Method: 8011			Date Prepared: 08/16/2010 1419			
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.020	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	75		%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 08/21/2010 1811			
Prep Method: 3005A			Date Prepared: 08/18/2010 1216			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.7	I	ug/L	1.3	2.5	1.0
Barium	27		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.20	I	ug/L	0.095	0.50	1.0
Chromium	3.5	I	ug/L	2.5	5.0	1.0
Cobalt	0.68		ug/L	0.15	0.50	1.0
Copper	4.1	I	ug/L	1.1	5.0	1.0
Iron	5100		ug/L	33	100	1.0
Lead	1.4	I	ug/L	0.20	1.5	1.0
Nickel	2.9	I	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	4.6	I	ug/L	3.8	10	1.0
Zinc	15	I	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/13/2010 1832			
Prep Method: 7470A			Date Prepared: 08/12/2010 1057			
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 353.2			Date Analyzed: 08/11/2010 0846			

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

Job Number: 660-36660-1

Client Sample ID: Mine Cut #1D WAC#834
Lab Sample ID: 660-36660-1

Date Sampled: 08/10/2010 1000
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
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: 08/13/2010 0848		
Prep Method: 365.2/365.3/365				Date Prepared: 08/12/2010 1000		
Phosphorus, Total	6.0	J3	mg/L	0.20	0.60	2.0
Method: 5220 D				Date Analyzed: 08/17/2010 0900		
Prep Method: SM 5220				Date Prepared: 08/16/2010 1900		
Chemical Oxygen Demand	320		mg/L	10	20	1.0
Method: SM 5310C				Date Analyzed: 08/11/2010 2106		
Total Organic Carbon	44		mg/L	3.5	10	10
Method: Total Nitrogen				Date Analyzed: 08/11/2010 0917		
Nitrogen, Total	7.1		mg/L	0.010	0.050	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: 660-36660-1

Client Sample ID: Mine Cut #1D WAC#834
Lab Sample ID: 660-36660-1

Date Sampled: 08/10/2010 1000
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/10/2010 1000		
Field pH	6.10	SU			1.0
Field Temperature	26.08	Degrees C			1.0
Oxygen, Dissolved	0.11	mg/L			1.0
Specific Conductance	853	umhos/cm			1.0
Turbidity	11.5	NTU			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: 660-36660-1

Client Sample ID: Mine Cut #1D WAC#834
Lab Sample ID: 660-36660-1

Date Sampled: 08/10/2010 1000
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2340B Hardness as calcium carbonate	130	mg/L	3.3	3.3	1.0
Method: 5210B Biochemical Oxygen Demand	11	mg/L	2.0	2.0	1.0
Method: SM 2540C Total Dissolved Solids	220	mg/L	5.0	5.0	1.0
Method: SM 2540D Total Suspended Solids	190	mg/L	2.4	2.4	1.0
Method: UnionizedNH3 Unionized Ammonia	0.00023	mg/L	0.00014	0.00014	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: 660-36660-1

Client Sample ID: Surface Site 3B2B WACS# 837
Lab Sample ID: 660-36660-2

Date Sampled: 08/10/2010 1250
Date Received: 08/10/2010 1435
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: SM 10200H		Date Analyzed: 08/13/2010 0927		
Chlorophyll a	2.10	ug/L 2.00	2.00	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: 660-36660-1

Client Sample ID: Surface Site 3B2B WACS# 837
Lab Sample ID: 660-36660-2

Date Sampled: 08/10/2010 1250
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/12/2010 1035		
Prep Method: 5030B			Date Prepared: 08/12/2010 1035		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U J3	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 J3	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 J3	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 J3	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 J3	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U J3	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: 660-36660-1

Client Sample ID: Surface Site 3B2B WACS# 837
Lab Sample ID: 660-36660-2

Date Sampled: 08/10/2010 1250
Date Received: 08/10/2010 1435
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	93		%		70 - 130	
Dibromofluoromethane	96		%		70 - 130	
Toluene-d8 (Surr)	96		%		70 - 130	
Method: 8011			Date Analyzed: 08/16/2010 2028			
Prep Method: 8011			Date Prepared: 08/16/2010 1419			
1,2-Dibromo-3-Chloropropane	0.0097	U	ug/L	0.0097	0.019	1.0
Ethylene Dibromide	0.0097	U	ug/L	0.0097	0.019	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	71		%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 08/21/2010 1818			
Prep Method: 3005A			Date Prepared: 08/18/2010 1216			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	14		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.17	I	ug/L	0.15	0.50	1.0
Copper	2.1	I	ug/L	1.1	5.0	1.0
Iron	510		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	I	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/13/2010 1841			
Prep Method: 7470A			Date Prepared: 08/12/2010 1057			
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 353.2			Date Analyzed: 08/11/2010 0846			

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3B2B WACS# 837
Lab Sample ID: 660-36660-2

Date Sampled: 08/10/2010 1250
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
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: 08/13/2010 0848		
Prep Method: 365.2/365.3/365				Date Prepared: 08/12/2010 1000		
Phosphorus, Total	0.26	I	mg/L	0.10	0.30	1.0
Method: 5220 D				Date Analyzed: 08/18/2010 1700		
Prep Method: SM 5220				Date Prepared: 08/18/2010 1400		
Chemical Oxygen Demand	37		mg/L	10	20	1.0
Method: SM 5310C				Date Analyzed: 08/11/2010 1646		
Total Organic Carbon	15		mg/L	0.35	1.0	1.0
Method: Total Nitrogen				Date Analyzed: 08/11/2010 0917		
Nitrogen, Total	0.87		mg/L	0.010	0.050	1.0

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3B2B WACS# 837
Lab Sample ID: 660-36660-2

Date Sampled: 08/10/2010 1250
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/10/2010 1250		
Field pH	6.39	SU			1.0
Field Temperature	26.68	Degrees C			1.0
Oxygen, Dissolved	0.14	mg/L			1.0
Specific Conductance	850	umhos/cm			1.0
Turbidity	2.5	NTU			1.0

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3B2B WACS# 837
Lab Sample ID: 660-36660-2

Date Sampled: 08/10/2010 1250
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2340B					
Hardness as calcium carbonate	67	mg/L	3.3	3.3	1.0
Method: 5210B					
Biochemical Oxygen Demand	2.0 U	mg/L	2.0	2.0	1.0
Method: SM 2540C					
Total Dissolved Solids	130	mg/L	5.0	5.0	1.0
Method: SM 2540D					
Total Suspended Solids	2.4	mg/L	1.0	1.0	1.0
Method: UnionizedNH3					
Unionized Ammonia	0.00027	mg/L	0.00014	0.00014	1.0
Method: SM 9222D					
Coliform, Fecal	430	MPN/100mL	10	10	10

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Job Number: 660-36660-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36660-3

Date Sampled: 08/10/2010 0900

Date Received: 08/10/2010 1435

Client Matrix: Water

Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: SM 10200H				
Chlorophyll a	2.00 U	ug/L	2.00	1.0

Date Analyzed: 08/13/2010 0929

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Job Number: 660-36660-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36660-3

Date Sampled: 08/10/2010 0900
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/12/2010 1727		
Prep Method: 5030B			Date Prepared: 08/12/2010 1727		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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: 660-36660-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36660-3

Date Sampled: 08/10/2010 0900
Date Received: 08/10/2010 1435
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	95		%		70 - 130	
Dibromofluoromethane	101		%		70 - 130	
Toluene-d8 (Surr)	98		%		70 - 130	
Method: 8011			Date Analyzed: 08/16/2010 2048			
Prep Method: 8011			Date Prepared: 08/16/2010 1419			
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.020	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	107		%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 08/21/2010 1854			
Prep Method: 3005A			Date Prepared: 08/18/2010 1216			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	1.3	U	ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	33	U	ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/13/2010 1844			
Prep Method: 7470A			Date Prepared: 08/12/2010 1057			
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 353.2			Date Analyzed: 08/11/2010 0846			

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Job Number: 660-36660-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36660-3

Date Sampled: 08/10/2010 0900
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
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: 08/13/2010 0848		
Prep Method: 365.2/365.3/365				Date Prepared: 08/12/2010 1000		
Phosphorus, Total	0.10	U	mg/L	0.10	0.30	1.0
Method: 5220 D				Date Analyzed: 08/18/2010 1700		
Prep Method: SM 5220				Date Prepared: 08/18/2010 1400		
Chemical Oxygen Demand	10	U	mg/L	10	20	1.0
Method: SM 5310C				Date Analyzed: 08/11/2010 1658		
Total Organic Carbon	0.35	U	mg/L	0.35	1.0	1.0
Method: Total Nitrogen				Date Analyzed: 08/11/2010 0917		
Nitrogen, Total	0.074		mg/L	0.010	0.050	1.0

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Job Number: 660-36660-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36660-3

Date Sampled: 08/10/2010 0900
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: SM 2340B Hardness as calcium carbonate	3.3	U	mg/L	3.3	3.3	1.0
Date Analyzed: 08/21/2010 1854						
Method: 5210B Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Date Analyzed: 08/12/2010 0853						
Method: SM 2540C Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0
Date Analyzed: 08/12/2010 1510						
Method: SM 2540D Total Suspended Solids	1.2		mg/L	1.0	1.0	1.0
Date Analyzed: 08/12/2010 1232						

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3A WACS# 836
Lab Sample ID: 660-36660-4

Date Sampled: 08/10/2010 0910
Date Received: 08/10/2010 1435
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: SM 10200H				
Chlorophyll a	7.20	ug/L	2.00	1.0

Date Analyzed: 08/13/2010 0930

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3A WACS# 836
Lab Sample ID: 660-36660-4

Date Sampled: 08/10/2010 0910
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/12/2010 1749			
Prep Method: 5030B			Date Prepared: 08/12/2010 1749			
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	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	1.0	U	ug/L	1.0	2.0	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: 660-36660-1

Client Sample ID: Surface Site 3A WACS# 836
Lab Sample ID: 660-36660-4

Date Sampled: 08/10/2010 0910
Date Received: 08/10/2010 1435
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	92		%		70 - 130	
Dibromofluoromethane	96		%		70 - 130	
Toluene-d8 (Surr)	95		%		70 - 130	
Method: 8011	Date Analyzed: 08/16/2010 2109					
Prep Method: 8011	Date Prepared: 08/16/2010 1419					
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.020	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	86		%		60 - 140	
Method: Total Recoverable-6020A	Date Analyzed: 08/21/2010 1901					
Prep Method: 3005A	Date Prepared: 08/18/2010 1216					
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	20		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.7	I	ug/L	1.1	5.0	1.0
Iron	300		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	9.2	I	ug/L	8.3	20	1.0
Method: 7470A	Date Analyzed: 08/13/2010 1847					
Prep Method: 7470A	Date Prepared: 08/12/2010 1057					
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 353.2	Date Analyzed: 08/11/2010 0846					

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3A WACS# 836
Lab Sample ID: 660-36660-4

Date Sampled: 08/10/2010 0910
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
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: 08/13/2010 0848			
Prep Method: 365.2/365.3/365			Date Prepared: 08/12/2010 1000			
Phosphorus, Total	0.10	U	mg/L	0.10	0.30	1.0
Method: 5220 D			Date Analyzed: 08/18/2010 1700			
Prep Method: SM 5220			Date Prepared: 08/18/2010 1400			
Chemical Oxygen Demand	38		mg/L	10	20	1.0
Method: SM 5310C			Date Analyzed: 08/11/2010 1714			
Total Organic Carbon	13		mg/L	0.35	1.0	1.0
Method: Total Nitrogen			Date Analyzed: 08/11/2010 0917			
Nitrogen, Total	0.93		mg/L	0.010	0.050	1.0

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3A WACS# 836
Lab Sample ID: 660-36660-4

Date Sampled: 08/10/2010 0910
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 08/10/2010 0910			
Field pH	5.90	SU			1.0
Field Temperature	25.72	Degrees C			1.0
Oxygen, Dissolved	2.72	mg/L			1.0
Specific Conductance	761	umhos/cm			1.0
Turbidity	3.50	NTU			1.0

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3A WACS# 836
Lab Sample ID: 660-36660-4

Date Sampled: 08/10/2010 0910
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2340B					
Hardness as calcium carbonate	64	mg/L	3.3	3.3	1.0
Method: 5210B					
Biochemical Oxygen Demand	2.0 U	mg/L	2.0	2.0	1.0
Method: SM 2540C					
Total Dissolved Solids	130	mg/L	5.0	5.0	1.0
Method: SM 2540D					
Total Suspended Solids	4.4	mg/L	1.0	1.0	1.0
Method: UnionizedNH3					
Unionized Ammonia	0.00014 U	mg/L	0.00014	0.00014	1.0

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3C2 WACS# 838
Lab Sample ID: 660-36660-5

Date Sampled: 08/10/2010 1305
Date Received: 08/10/2010 1435
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: SM 10200H				
Chlorophyll a	3.60	ug/L	2.00	1.0

Date Analyzed: 08/13/2010 0931

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3C2 WACS# 838
Lab Sample ID: 660-36660-5

Date Sampled: 08/10/2010 1305
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/12/2010 1811		
Prep Method: 5030B			Date Prepared:	08/12/2010 1811		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	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	1.0	U	ug/L	1.0	2.0	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: 660-36660-1

Client Sample ID: Surface Site 3C2 WACS# 838
Lab Sample ID: 660-36660-5

Date Sampled: 08/10/2010 1305
Date Received: 08/10/2010 1435
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	89		%		70 - 130	
Dibromofluoromethane	99		%		70 - 130	
Toluene-d8 (Surr)	97		%		70 - 130	
Method: 8011	Date Analyzed: 08/16/2010 2129					
Prep Method: 8011	Date Prepared: 08/16/2010 1419					
1,2-Dibromo-3-Chloropropane	0.0098	U	ug/L	0.0098	0.020	1.0
Ethylene Dibromide	0.0098	U	ug/L	0.0098	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	84		%		60 - 140	
Method: Total Recoverable-6020A	Date Analyzed: 08/21/2010 1923					
Prep Method: 3005A	Date Prepared: 08/18/2010 1216					
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.4	I	ug/L	1.3	2.5	1.0
Barium	12		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.17	I	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	500		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	4.8	I	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A	Date Analyzed: 08/13/2010 1850					
Prep Method: 7470A	Date Prepared: 08/12/2010 1057					
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 353.2	Date Analyzed: 08/11/2010 0846					

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3C2 WACS# 838
Lab Sample ID: 660-36660-5

Date Sampled: 08/10/2010 1305
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Nitrate Nitrite as N	0.22 I	mg/L	0.10	0.50	1.0
Nitrite Nitrogen	0.10 U	mg/L	0.10	0.50	1.0
Nitrate as N	0.22 I	mg/L	0.10	0.50	1.0
Method: 365.4					
Prep Method: 365.2/365.3/365					
Phosphorus, Total	0.45	mg/L	0.10	0.30	1.0
Method: 5220 D					
Prep Method: SM 5220					
Chemical Oxygen Demand	33	mg/L	10	20	1.0
Method: SM 5310C					
Total Organic Carbon	14	mg/L	0.35	1.0	1.0
Method: Total Nitrogen					
Nitrogen, Total	1.0	mg/L	0.010	0.050	1.0

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3C2 WACS# 838
Lab Sample ID: 660-36660-5

Date Sampled: 08/10/2010 1305
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	08/10/2010 1305	
Field pH	6.69	SU			1.0
Field Temperature	27.76	Degrees C			1.0
Oxygen, Dissolved	6.03	mg/L			1.0
Specific Conductance	898	umhos/cm			1.0
Turbidity	3.3	NTU			1.0

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Job Number: 660-36660-1

Client Sample ID: Surface Site 3C2 WACS# 838
Lab Sample ID: 660-36660-5

Date Sampled: 08/10/2010 1305
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2340B Hardness as calcium carbonate	120				
		Date Analyzed:	08/21/2010 1923		
		mg/L	3.3	3.3	1.0
Method: 5210B Biochemical Oxygen Demand	2.0	U			
		Date Analyzed:	08/12/2010 0853		
		mg/L	2.0	2.0	1.0
Method: SM 2540C Total Dissolved Solids	270				
		Date Analyzed:	08/12/2010 1511		
		mg/L	5.0	5.0	1.0
Method: SM 2540D Total Suspended Solids	5.2				
		Date Analyzed:	08/12/2010 1232		
		mg/L	1.0	1.0	1.0
Method: UnionizedNH3 Unionized Ammonia	0.00034				
		Date Analyzed:	08/11/2010 0916		
		mg/L	0.00014	0.00014	1.0
Method: SM 9222D Coliform, Fecal	550				
		Date Analyzed:	08/10/2010 1742		
		MPN/100mL	10	10	10

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Job Number: 660-36660-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-36660-6

Date Sampled: 08/10/2010 0855
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/12/2010 0918		
Prep Method: 5030B			Date Prepared: 08/12/2010 0918		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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: 660-36660-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-36660-6

Date Sampled: 08/10/2010 0855
Date Received: 08/10/2010 1435
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	92		%		70 - 130	
Dibromofluoromethane	105		%		70 - 130	
Toluene-d8 (Surr)	97		%		70 - 130	

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Job Number: 660-36660-1

Client Sample ID: Mine Cut #1D WACS#834 coliform
Lab Sample ID: 660-36660-7

Date Sampled: 08/10/2010 1325
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 9222D					
Coliform, Fecal	850 B	MPN/100mL	1.0	1.0	1.0

Date Analyzed: 08/10/2010 1742

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Tampa, FL 33601

Job Number: 660-36660-1

Client Sample ID: Surface Site 3A WACS# 836 coliform
Lab Sample ID: 660-36660-8

Date Sampled: 08/10/2010 1335
Date Received: 08/10/2010 1435
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 9222D					
Coliform, Fecal	140 B	MPN/100mL	1.0	1.0	1.0

Date Analyzed: 08/10/2010 1742

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-36660-1

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		
	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.
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.

8/17/2010 10:27:22AM

Client: TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Work Order: NTH0913
Project Name: Hillsborough County Solid Waste
Project Number: 660-36660-1
Date Received: 08/11/10

Attn: Nancy Robertson

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Mine Cut # 1D WACS# 834	NTH0913-01	08/10/10 10:00
Surface Site 3B2B WACS# 837	NTH0913-02	08/10/10 12:50
Equipment Blank	NTH0913-03	08/10/10 09:00
Surface Site 3A WACS# 836	NTH0913-04	08/10/10 09:10
Surface Site 3C2 WACS# 838	NTH0913-05	08/10/10 13:05

Samples were received into laboratory at a temperature of 1.00 °C.

Comments:

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately.

Results are reported on a wet weight basis unless otherwise noted

The reported results were obtained in compliance with 2003 NELAC standards unless otherwise noted.

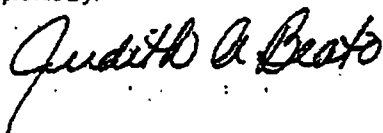
These results relate only to the items tested

Estimated uncertainty is available upon request.

Florida Certification Number: E87358

This report has been electronically signed.

Approved By:



TestAmerica Nashville
Judith A Beato
Project Manager

Client: TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Attn: Nancy Robertson

Work Order: NTH0913
Project: Hillsborough County Solid Waste
Project Number: 660-36660-1

Sampled: 08/10/10
Received: 08/11/10

LABORATORY REPORT

Sample ID: Mine Cut # 1D WACS# 834 - Lab Number: NTH0913-01 - Matrix: Water

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	Chlorophyll-a Uncorrected	51.7		ug/L	2.00	2.00	1	08/13/10 09:26	MXN	SM 10200H	10H2606
Filtered Date: 8-11-10 11:46											

LABORATORY REPORT

Sample ID: Surface Site 3B2B WACS# 837 - Lab Number: NTH0913-02 - Matrix: Water

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	Chlorophyll-a Uncorrected	2.10		ug/L	2.00	2.00	1	08/13/10 09:27	MXN	SM 10200H	10H2606
Filtered Date: 8-11-10 11:25											

LABORATORY REPORT

Sample ID: Equipment Blank - Lab Number: NTH0913-03 - Matrix: Water

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	Chlorophyll-a Uncorrected	2.00	U	ug/L	2.00	2.00	1	08/13/10 09:29	MXN	SM 10200H	10H2606
Filtered Date: 8-11-10 11:15											

LABORATORY REPORT

Sample ID: Surface Site 3A WACS# 836 - Lab Number: NTH0913-04 - Matrix: Water

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	Chlorophyll-a Uncorrected	7.20		ug/L	2.00	2.00	1	08/13/10 09:30	MXN	SM 10200H	10H2606
Filtered Date: 8-11-10 11:35											

LABORATORY REPORT

Sample ID: Surface Site 3C2 WACS# 838 - Lab Number: NTH0913-05 - Matrix: Water

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	Chlorophyll-a Uncorrected	3.60		ug/L	2.00	2.00	1	08/13/10 09:31	MXN	SM 10200H	10H2606
Filtered Date: 8-11-10 11:42											

Client: TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Attn: Nancy Robertson

Work Order: NTH0913
Project: Hillsborough County Solid Waste
Project Number: 660-36660-1

Sampled: 08/10/10
Received: 08/11/10

SAMPLE EXTRACTION DATA

Parameter	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Method
General Chemistry Parameters	NTH0913-01	1.0 filter	1.0 filter	08/11/2010	MXN	Filtering
General Chemistry Parameters	NTH0913-02	1.0 filter	1.0 filter	08/11/2010	MXN	Filtering
General Chemistry Parameters	NTH0913-03	1.0 filter	1.0 filter	08/11/2010	MXN	Filtering
General Chemistry Parameters	NTH0913-04	1.0 filter	1.0 filter	08/11/2010	MXN	Filtering
General Chemistry Parameters	NTH0913-05	1.0 filter	1.0 filter	08/11/2010	MXN	Filtering

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
General Chemistry Parameters					
Chlorophyll-a Uncorrected	2.00	U	ug/L	10H2606	10H2606-BLK1

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
General Chemistry Parameters								
Chlorophyll-a Uncorrected	3.60	3.60		ug/L	0	50	10H2606	NTH0913-05

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
General Chemistry Parameters							
Chlorophyll-a Uncorrected	200	168		ug/L	84	80 - 120	10H2606

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
General Chemistry Parameters										
Chlorophyll-a Uncorrected		179		ug/L	200	89	6	50	10H2606	

Client: TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Attn: Nancy Robertson

Work Order: NTH0913
Project: Hillsborough County Solid Waste
Project Number: 660-36660-1

Sampled: 08/10/10
Received: 08/11/10

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	A2LA	AIHA	Nelac	Florida
SM 10200H	Water			X	X

Subcontracted Laboratories

TestAmerica - Orlando, FL Florida Cert #E83012

8010 Sunport Drive Suite 116 - Orlando, FL 32809

Analysis Performed: Chlorophyll-a Uncorrected SM10200H

Samples: NTH0913-01, NTH0913-02, NTH0913-03, NTH0913-04, NTH0913-05

DATA QUALIFIERS AND DEFINITIONS

U The compound was analyzed for but not detected

ADDITIONAL COMMENTS

When insufficient sample volume is received for Matrix Spike and Matrix Spike Duplicate, Laboratory Control Spike and Laboratory Control Spike Duplicate data is used for batch QC.

TestAmerica Nashville
Judith A Beato
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

4310 East Anderson Road • Orlando, FL 32812 • 407-851-2560 • Fax: 407-856-0866 • 800-851-

Client: TestAmerica Tampa

Project: NTH0913

Shipped By: Fed Ex

Tracking Number: 873870062986

Cooler Received On: 08/11/10 09:58

And Opened On (Date/time): 8-11-10 9:58

Received By: Mariana Nicula

Logged in by: Jennifer Batura

Were custody seals on the outside of cooler? YES ☐ NO ☒ If Yes # ☐ Location ☐

Were custody seals intact? YES ☐ NO ☐ N/A ☒ (no seals present)

Chain of Custody Complete? YES ☒ NO ☐

Discrepancy Comments:

Cooler Temperature When Opened: 1.00 Degrees Celsius

Temperature Blank Included: YES ☐ NO ☒

Packing Material: Bubblewrap ☐ NONE ☐ Other: Plastic bag

Received on Ice: YES ☒ NO ☐ Other: ☐ Total # Of Containers: 5 # Vials ☐

Any Bottles Broken? YES ☐ NO ☒ If Yes Which One(s)? ☐

Any Missing Samples? YES ☐ NO ☒ If Yes Which One(s)? ☐

pH Levels: H2SO4 <=2? ☐ HNO3 <=2? ☐ HCL <=2? ☐ NaOH >=10? ☐

Of Containers Unpreserved between 6 and 8? 5

Any Air Bubbles in VOA Vials? YES ☐ NO ☐ N/A ☒ (no VOA vials received)

Was there enough sample shipped in each container? YES ☒ NO ☒ 8/11/10

Correct Preservatives Used? YES ☒ NO ☐ If No, see comments:

Project Manager: Judith A Beato

Corrective Actions Taken

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

THE LOADS IN ENVIRONMENTAL TESTING

[illegible]

660-36660

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY:

REP. OF CONTRACT LAB.

DATE | TIME

ACCEPTED BY:

REP. OF SOLID WASTE DEPT.

LOCATION: MINE CUT #1D WACS# 834SAMPLE MATRIX: WATER OTHER MATRIX: _____ PERSONAL ENGAGED IN SAMPLECOLLECTION ☐ A. Adger ☒ A. Balloon ☐ D. PannellFIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
sc	10:00 AM	26.06	853	6.10	0.11	26.9 = 11.5 sc

COLORS & SHEENS: YES light yellow, no sheens NO _____SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
1	250 ml. PLASTIC	3	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
	500 ml. PLASTIC	1	500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
4	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL	3	BACTERIAL	

21

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

8-10-10 | 10:00 AMANALYSIS 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 IPRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

REP. OF SOLID WASTE DEPT.

DATE | TIME

ACCEPTED BY:

REP. OF CONTRACT LAB.

8-10-10 | 2:35 PMCOMMENT'S: Bar-T 1:25 PM3.3 3.8, 3.9°C0407

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME

8-5-10 1:20

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT.

8-5-10 2:00

LOCATION: SURFACE SITE 3B2B WACS# 837

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 JL	12:50	26.68	850	6.39	0.14	2.5

COLORS & SHEENS: YES

LITE YELLOW

(NO) SHEENS

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
1	250 ml. PLASTIC	3	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
	500 ml. PLASTIC	1	500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
4	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL	3	BACTERIAL	

2/ TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

8-10-10 12:50

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:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

8-10-10 2:35 PM

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

COMMENT'S: 2070025

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

DATE | TIME

8/5/10 | 1700

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT.

8-5-10 | 2:00

LOCATION: **SURFACE SITE 3A WACS# 836**

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
JC	9:10A	25.72	761	5.90	2.72	3.50

COLORS & SHEENS: YES yellow no sheens NO _____

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
1	250 ml. PLASTIC	3	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
	500 ml. PLASTIC	1	500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
4	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL	3	BACTERIAL	

21 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

8-10-10 | 9:10 AM

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:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT.

DATE | TIME

8-10-10 | 2:35 PM

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB.

COMMENT'S: 5th Gage 1.00', Flowing, yellow

Bac - T 1:35 PM

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT.

8-5-10 | 2:00

LOCATION: SURFACE SITE 3C2 WACS# 838

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
JC AB	1:05P	22.74	898	6.69	6.03	3.3

COLORS & SHEENS: YES

light yellow NO sheens

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL	3	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
1	250 ml. PLASTIC	3	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
	500 ml. PLASTIC	1	500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
4	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL	3	BACTERIAL	

21

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

8-10-10 | 1:05PM

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:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

8-10-10 | 2:55PM

COMMENT'S: Staff Gage 1.84'

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
BLANK, EQUIPMENT SURFACE SITES

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB. 8/5/10 11:20

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 1

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
<u>6</u>	40 ml VIAL	<u>3</u>	40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>3</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
	500 ml. PLASTIC	<u>1</u>	500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
<u>4</u>	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL	<u>3</u>	BACTERIAL	

21 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

8-10-10 9:00A

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:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-10-10 2:35PM
 ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 8-10-10 2:35PM

COMMENT'S: _____

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

PRECLEANED SAMPLE CONTAINERS: _____

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB. 8/5/10 1:20 DATE | TIME

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-5-10 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
<u>2</u>	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	<u>8-10-10 8:55AM</u>

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: _____

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-10-10 2:35PM DATE | TIME

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 8-10-10 2:35PM

COMMENT'S: _____

Job Narrative
660-36693-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260: The equipment blank had a positive result for Trichloromethane due to possible laboratory contamination.

No other analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

Method 7470A: The matrix spike duplicate (MSD) recovery for batch 177442 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry

Method 300.0: The method blank for batch 72103 had an estimated result between the MDL and PQL for Chloride. The associated samples with a positive result are flagged with V.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 98761 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

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

Job Number: 660-36693-1

Client Sample ID: TH-58 WACS#1571
Lab Sample ID: 660-36693-1

Date Sampled: 08/11/2010 1500
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/13/2010 1114		
Prep Method: 5030B			Date Prepared: 08/13/2010 1114		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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: 660-36693-1

Client Sample ID: TH-58 WACS#1571
Lab Sample ID: 660-36693-1

Date Sampled: 08/11/2010 1500
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	69	mg/L	Date Analyzed: 08/18/2010 0417 0.36	10	10
Method: 350.1 Ammonia (as N)	0.69	mg/L	Date Analyzed: 08/16/2010 1325 0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.13 I	mg/L	Date Analyzed: 08/12/2010 1245 0.10	0.50	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-58 WACS#1571
Lab Sample ID: 660-36693-1

Date Sampled: 08/11/2010 1500
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/11/2010	1500	
Field pH	5.26	SU			1.0
Field Temperature	25.4	Degrees C			1.0
Oxygen, Dissolved	0.40	mg/L			1.0
Specific Conductance	436	umhos/cm			1.0
Turbidity	0.60	NTU			1.0

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Job Number: 660-36693-1

Client Sample ID: TH-58 WACS#1571
Lab Sample ID: 660-36693-1

Date Sampled: 08/11/2010 1500
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 0806	
Total Dissolved Solids	270	mg/L	5.0	5.0	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-40 WACS#822
Lab Sample ID: 660-36693-2

Date Sampled: 08/11/2010 0939
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/13/2010 1137		
Prep Method: 5030B			Date Prepared:	08/13/2010 1137		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	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	1.0	U	ug/L	1.0	2.0	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: 660-36693-1

Client Sample ID: TH-40 WACS#822
Lab Sample ID: 660-36693-2

Date Sampled: 08/11/2010 0939
Date Received: 08/11/2010 1630
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	95		%		70 - 130	
Dibromofluoromethane	103		%		70 - 130	
Toluene-d8 (Surr)	97		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1510			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	107		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/21/2010 1937			
Prep Method: 3005A			Date Prepared: 08/18/2010 1216			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	5.6		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	37	I	ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	17		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/21/2010 1043			
Prep Method: 7470A			Date Prepared: 08/17/2010 1452			
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-40 WACS#822
Lab Sample ID: 660-36693-2

Date Sampled: 08/11/2010 0939
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	9.5 V	mg/L	Date Analyzed: 08/18/2010 1641 0.036	1.0	1.0
Method: 350.1 Ammonia (as N)	0.34 J3	mg/L	Date Analyzed: 08/16/2010 1412 0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	Date Analyzed: 08/12/2010 1245 0.10	0.50	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-40 WACS#822
Lab Sample ID: 660-36693-2

Date Sampled: 08/11/2010 0939
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/11/2010 0939		
Field pH	7.78	SU			1.0
Field Temperature	23.5	Degrees C			1.0
Oxygen, Dissolved	0.22	mg/L			1.0
Specific Conductance	345	umhos/cm			1.0
Turbidity	0.30	NTU			1.0

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Job Number: 660-36693-1

Client Sample ID: TH-40 WACS#822
Lab Sample ID: 660-36693-2

Date Sampled: 08/11/2010 0939
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 0807	
Total Dissolved Solids	200	mg/L	5.0	5.0	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-28A WACS#19862
Lab Sample ID: 660-36693-3

Date Sampled: 08/11/2010 0728
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/13/2010 1445		
Prep Method: 5030B			Date Prepared: 08/13/2010 1445		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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: 660-36693-1

Client Sample ID: TH-28A WACS#19862
Lab Sample ID: 660-36693-3

Date Sampled: 08/11/2010 0728
Date Received: 08/11/2010 1630
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	94		%		70 - 130	
Dibromofluoromethane	102		%		70 - 130	
Toluene-d8 (Surr)	95		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1522			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	108		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/21/2010 1944			
Prep Method: 3005A			Date Prepared: 08/18/2010 1216			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	2.6		ug/L	1.3	2.5	1.0
Barium	19		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	5.5		ug/L	2.5	5.0	1.0
Cobalt	0.56		ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	3000		ug/L	33	100	1.0
Lead	2.1		ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	19		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	5.2	I	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/21/2010 1046			
Prep Method: 7470A			Date Prepared: 08/17/2010 1452			
Mercury	0.12	I	ug/L	0.091	0.20	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-28A WACS#19862
Lab Sample ID: 660-36693-3

Date Sampled: 08/11/2010 0728
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/11/2010 0728		
Field pH	4.77	SU			1.0
Field Temperature	26.3	Degrees C			1.0
Oxygen, Dissolved	0.50	mg/L			1.0
Specific Conductance	224	umhos/cm			1.0
Turbidity	8.80	NTU			1.0

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Job Number: 660-36693-1

Client Sample ID: TH-28A WACS#19862
Lab Sample ID: 660-36693-3

Date Sampled: 08/11/2010 0728
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 0807	
Total Dissolved Solids	130	mg/L	5.0	5.0	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-57 WACS#1570
Lab Sample ID: 660-36693-4

Date Sampled: 08/11/2010 1335
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/13/2010 1508		
Prep Method: 5030B			Date Prepared: 08/13/2010 1508		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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: 660-36693-1

Client Sample ID: TH-57 WACS#1570
Lab Sample ID: 660-36693-4

Date Sampled: 08/11/2010 1335
Date Received: 08/11/2010 1630
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	92		%		70 - 130	
Dibromofluoromethane	96		%		70 - 130	
Toluene-d8 (Surr)	97		%		70 - 130	
Method: 8011	Date Analyzed: 08/25/2010 1535					
Prep Method: 8011	Date Prepared: 08/24/2010 1330					
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	106		%		56 - 144	
Method: Total Recoverable-6020A	Date Analyzed: 08/21/2010 1952					
Prep Method: 3005A	Date Prepared: 08/18/2010 1216					
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	6.8		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	410		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	11		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A	Date Analyzed: 08/21/2010 1049					
Prep Method: 7470A	Date Prepared: 08/17/2010 1452					
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-57 WACS#1570
Lab Sample ID: 660-36693-4

Date Sampled: 08/11/2010 1335
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	38	mg/L	Date Analyzed: 08/18/2010 0607 0.36	10	10
Method: 350.1 Ammonia (as N)	0.79	mg/L	Date Analyzed: 08/16/2010 1416 0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	Date Analyzed: 08/12/2010 1245 0.10	0.50	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-57 WACS#1570
Lab Sample ID: 660-36693-4

Date Sampled: 08/11/2010 1335
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	08/11/2010 1335	
Field pH	4.77	SU			1.0
Field Temperature	26.1	Degrees C			1.0
Oxygen, Dissolved	0.32	mg/L			1.0
Specific Conductance	155	umhos/cm			1.0
Turbidity	0.50	NTU			1.0

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Job Number: 660-36693-1

Client Sample ID: TH-57 WACS#1570
Lab Sample ID: 660-36693-4

Date Sampled: 08/11/2010 1335
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1058	
Total Dissolved Solids	94	mg/L	5.0	5.0	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-22A WACS#19861
Lab Sample ID: 660-36693-5

Date Sampled: 08/11/2010 1320
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/13/2010 1530		
Prep Method: 5030B			Date Prepared: 08/13/2010 1530		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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: 660-36693-1

Client Sample ID: TH-22A WACS#19861
Lab Sample ID: 660-36693-5

Date Sampled: 08/11/2010 1320
Date Received: 08/11/2010 1630
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	94		%		70 - 130	
Dibromofluoromethane	101		%		70 - 130	
Toluene-d8 (Surr)	99		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1547			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	112		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/21/2010 1959			
Prep Method: 3005A			Date Prepared: 08/18/2010 1216			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	72		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	4.6	I	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	500		ug/L	33	100	1.0
Lead	1.5		ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	5.1		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	4.3	I	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/21/2010 1052			
Prep Method: 7470A			Date Prepared: 08/17/2010 1452			
Mercury	0.44		ug/L	0.091	0.20	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-22A WACS#19861
Lab Sample ID: 660-36693-5

Date Sampled: 08/11/2010 1320
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	25	mg/L	0.36	10	10
Method: 350.1 Ammonia (as N)	0.67	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0

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Job Number: 660-36693-1

Client Sample ID: TH-22A WACS#19861
Lab Sample ID: 660-36693-5

Date Sampled: 08/11/2010 1320
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/11/2010	1320	
Field pH	4.32	SU			1.0
Field Temperature	24.1	Degrees C			1.0
Oxygen, Dissolved	0.41	mg/L			1.0
Specific Conductance	232	umhos/cm			1.0
Turbidity	16.6	NTU			1.0

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Job Number: 660-36693-1

Client Sample ID: TH-22A WACS#19861
Lab Sample ID: 660-36693-5

Date Sampled: 08/11/2010 1320
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C		Date Analyzed:	08/16/2010	1059	
Total Dissolved Solids	150	mg/L	5.0	5.0	1.0

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Job Number: 660-36693-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36693-6

Date Sampled: 08/11/2010 0000
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/13/2010 1553		
Prep Method: 5030B			Date Prepared: 08/13/2010 1553		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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: 660-36693-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36693-6

Date Sampled: 08/11/2010 0000
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	1.9		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	88		%		70 - 130	
Dibromofluoromethane	101		%		70 - 130	
Toluene-d8 (Surr)	96		%		70 - 130	
Method: 8011	Date Analyzed: 08/25/2010 1600					
Prep Method: 8011	Date Prepared: 08/24/2010 1330					
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	108		%		56 - 144	
Method: Total Recoverable-6020A	Date Analyzed: 08/21/2010 2006					
Prep Method: 3005A	Date Prepared: 08/18/2010 1216					
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	1.3	U	ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	33	U	ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	0.31	I	mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A	Date Analyzed: 08/21/2010 1055					
Prep Method: 7470A	Date Prepared: 08/17/2010 1452					
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-36693-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36693-6

Date Sampled: 08/11/2010 0000
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	0.036 U	mg/L	Date Analyzed: 08/18/2010 0638 0.036	1.0	1.0
Method: 350.1 Ammonia (as N)	0.29	mg/L	Date Analyzed: 08/16/2010 1419 0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	Date Analyzed: 08/12/2010 1245 0.10	0.50	1.0

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Job Number: 660-36693-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-36693-6

Date Sampled: 08/11/2010 0000
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 08/16/2010 1100		
Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0

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Job Number: 660-36693-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-36693-7

Date Sampled: 08/11/2010 0903
Date Received: 08/11/2010 1630
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/13/2010 1615		
Prep Method: 5030B			Date Prepared:	08/13/2010 1615		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	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	1.0	U	ug/L	1.0	2.0	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: 660-36693-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-36693-7

Date Sampled: 08/11/2010 0903
Date Received: 08/11/2010 1630
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	93		%		70 - 130	
Dibromofluoromethane	95		%		70 - 130	
Toluene-d8 (Surr)	97		%		70 - 130	

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-36693-1

Lab Section	Qualifier	Description
GC/MS VOA		
	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		
	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.
	V	Indicates the analyte was detected in both the sample and the associated method blank.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

660-36693

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-11-10 | 8:00LOCATION: TH-58 WACS# 1571SAMPLE MATRIX: WATER OTHER MATRIX: _____PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A. Adger ☒ A. Balloon ☐ D. PannellWELL DIAMETER: 2.0 INCH:TOTAL DEPTH OF WELL: 32.92 Ft.DEPTH TO WATER: 27.51 Ft.LENGTH OF WATER COL: 5.41 Ft.VOLUME TO PURGE: .8 Gal.PURGE STARTED: 8-11-10 | 2:45PURGE RATE: 110 GPM.PURGE ENDED: 8-11-10 | 3:00ACT. VOL. PURGED: 1.5 GAL.

15

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>A</u>	<u>2:54</u>	<u>25.4</u>	<u>438</u>	<u>5.30</u>	<u>.48</u>	<u>2.70 =</u>
<u>B</u>	<u>2:57</u>	<u>25.4</u>	<u>437</u>	<u>5.28</u>	<u>.46</u>	<u>.90</u>
<u>B</u>	<u>3:00</u>	<u>25.4</u>	<u>436</u>	<u>5.26</u>	<u>.40</u>	<u>.60</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	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
8-11-10 | 3:00ANALYSIS REQUESTED:AMMONIA-NITROGEN
SODIUM TDSCHLORIDE
PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX IIRONMERCURYNITRATE-NITROGENPRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-11-10 | 3:11ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 8-11-10 | 3:11COMMENT'S: water 25

rel [Signature] 1030 8/11/10 94 feed land the hilly 8/11/10
 08/27/2010

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.

8/10/10 | 1:00

ACCEPTED BY:

[Signature] REP. OF SOLID WASTE DEPT.

8-11-10 | 8:00 A

LOCATION: TH-40 WACS# 822

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☐ A. Adger ☒ A. Balloon ☐ D. Pannell

JF

WELL DIAMETER: 2.0 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 165.90 Ft.

PURGE STARTED:

8-11-10 | 9:18

DEPTH TO WATER: 88.50 Ft.

PURGE RATE:

1.0 GPM.

LENGTH OF WATER COL: 76.50 Ft.

DATE | TIME

VOLUME TO PURGE: 12.24 Gal.

PURGE ENDED:

8-11-10 | 9:39

ACT. VOL. PURGED:

21 GAL.

20.

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AJ</u>	<u>9:31</u>	<u>23.5</u>	<u>351</u>	<u>7.73</u>	<u>.23</u>	<u>0.20</u>
<u>AJ</u>	<u>9:35</u>	<u>23.5</u>	<u>348</u>	<u>7.78</u>	<u>.22</u>	<u>0.30</u>
<u>AJ</u>	<u>9:39</u>	<u>23.5</u>	<u>345</u>	<u>7.78</u>	<u>.22</u>	<u>0.30</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	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

8-11-10 | 9:39

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

[Signature] REP. OF SOLID WASTE DEPT.

DATE | TIME

8-11-10 | 1530

ACCEPTED BY:

[Signature] REP. OF CONTRACT LAB.

8-11-10 | 1530

COMMENT'S: W0# 0025

rel. Phil 1630 Page 60/60 94

led Carl McHarty
8/11/10 12:10

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME
8/11/10 | 15:30

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT. 8-11-10 | 8:00

LOCATION: TH-28A WACS# 19862

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☐ A. Adger ☒ A. Balloon ☐ D. Pannell

JF

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 34.30 Ft.

DEPTH TO WATER: 27.77 Ft.

LENGTH OF WATER COL: 12.53 Ft.

VOLUME TO PURGE: 2.8 Gal.

PURGE STARTED:

DATE | TIME
8-11-10 | 2:12

PURGE RATE:

.16 GPM.

PURGE ENDED:

DATE | TIME
8-11-10 | 2:29

ACT. VOL. PURGED:

GAL.

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>A</u>	<u>2:23</u>	<u>26.3</u>	<u>225</u>	<u>4.84</u>	<u>.58</u>	<u>29.6</u>
<u>A</u>	<u>2:26</u>	<u>26.3</u>	<u>222</u>	<u>4.82</u>	<u>.57</u>	<u>19.36</u>
<u>A</u>	<u>2:29</u>	<u>26.3</u>	<u>224</u>	<u>4.77</u>	<u>.58</u>	<u>8.80</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	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
8-11-10 | 2:29

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

8-11-10 | 15:30

COMMENT'S: W004-0025

NI JENK 1630 8/11/10
Page 68 of 94

Recd Carl McHarty
8/11/10 08:43:10

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT.

DATE | TIME

8/11/10 | 12:05

LOCATION: **TH-57 WACS# 1570**

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: 9:32 Ft.

LENGTH OF WATER COL: 7.51 Ft.

VOLUME TO PURGE: 1.2 Gal.

PURGE STARTED:

DATE | TIME
8-11-10 | 1:37

PURGE RATE:

.16 GPM.

PURGE ENDED:

DATE | TIME
8-11-10 | 1:55

ACT. VOL. PURGED:

2 GAL.

20

FIELD PARAMETERS:

	BY	TIME	TEMP	COND	PH	DO	TURB
1:55	<u>AB</u>	<u>1:49</u>	<u>26.1</u>	<u>178</u>	<u>4.75</u>	<u>.39</u>	<u>0.50</u>
1:58	<u>AB</u>	<u>1:52</u>	<u>26.1</u>	<u>151</u>	<u>4.76</u>	<u>.37</u>	<u>0.70</u>
2:01	<u>AB</u>	<u>1:55</u>	<u>26.1</u>	<u>155</u>	<u>4.77</u>	<u>.32</u>	<u>0.50</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	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

8-11-10 | 1:55

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

PRESERVED SAMPLES PH < 2.0 YES

SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

8-11-10 | 1:30

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

8-11-10 | 1:30

COMMENT'S: W0# 0225

rel, [Signature] 1630 Page 89 of 19/10

Recd Carl McNulty
8/11/10 08:24/2010

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME

8/12/10 | 1700

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT. 8-11-10 | 8:00 A

LOCATION: TH-22A WACS# 19861

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☐ A. Adger ☒ K. Balloon ☐ D. Pannell

3F

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 27.90 Ft.

DEPTH TO WATER: 5.10 Ft.

LENGTH OF WATER COL: 22.8 Ft.

VOLUME TO PURGE: 3.6 Gal.

PURGE STARTED:

DATE | TIME
8-11-10 | 12:57

PURGE RATE:

.25 GPM.

PURGE ENDED:

DATE | TIME
8-11-10 | 1:20

ACT. VOL. PURGED:

5.75 GAL.

37 min
25

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>A2</u>	<u>1:12</u>	<u>24.1</u>	<u>232</u>	<u>4.40</u>	<u>.50</u>	<u>20.0 =</u>
<u>A3</u>	<u>1:16</u>	<u>24.1</u>	<u>232</u>	<u>4.32</u>	<u>.44</u>	<u>19.1</u>
<u>A3</u>	<u>1:20</u>	<u>24.1</u>	<u>232</u>	<u>4.32</u>	<u>.41</u>	<u>16.6</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	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

8-11-10 | 1:20

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT. 8-11-10 | 1530

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB. 8-11-10 | 1530

COMMENT'S: NO #20025

rel. JPR 1630 Page 8 of 12

Rec'd Carol Me Vally
8/11/10 27/200250

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS BLANK, EQUIPMENT

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-11-10 1:20

LOCATION: BLANK, EQUIPMENT SAMPLE MATRIX: WATER OTHER MATRIX:
 PERSONAL ENGAGED IN SAMPLE COLLECTION : ☐ A. Adger ☒ A. Balloon ☐ D. Pannell

TF

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL		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		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
8-11-10 |

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE IRON MERCURY NITRATE-NITROGEN
 PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 4.85 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: [Signature] DATE | TIME
 RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-11-10 1:50
 ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 8-11-10 1:50

COMMENT'S: W2#0025

W. J. Fine 1630 8/11/10

Red Carol Mcmulty
 8/11/10 1630

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

BLANK, TRAVEL

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-11-10 18:00

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

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

JF

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	8-11-10 9:03

2 TOTAL No. OF SAMPLES COLLECTED:

ANALYSIS REQUESTED:

EPA 8260

PRESERVED SAMPLES PH < 2.0 4/25 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:
RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-11-10 1530
ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 8-11-10 1530

COMMENTS: W040025

rel, free 1630 8/11/10
Recd Carol McHarty 8/11/10 1630

3.5^{0L} C107

DATE: 8/11/16

08/27/2010

08/27/2010

GROUNDWATER SAMPLING LOG SET B

COC#: _____

Waters: HACH 041000542557 QED QD01747-
 AE: HCSW SITE LOCATION: SELF
 DATE: 8/11/10
 SAMPLE ID: TH 57

PURGING DATA
 WELL SCREEN INTERVAL: 2" TUBING DIAMETER (inches): 1/2" STATIC DEPTH TO WATER (feet): 19.32
 PURGE PUMP TYPE OR BAILER: BSP
 MEASURING POINT ELEVATION (ft/msl): _____ WATER LEVEL ELEVATION: _____

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 = (26.83 - 19.32) X 0.16 = 1.22 gallons
 EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
 = 25.83 + (0.16 X 140) + 0.16 = 48.13 gallons

TOTAL PUMP OR TUBING DEPTH IN WELL (feet): 25.83
 FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.83
 PURGING INITIATED AT: 1337
 PURGING ENDED AT: 1401
 TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR describe	ODOR
3:49	1.2	1.2	.10	19.45	4.73	26.8	131	.149	1.0	clear	yes
3:52	.30	1.5	.10	19.45	4.74	26.2	142	.149	0.60	clear	yes
3:55	.30	1.8	.10	19.45	4.75	26.1	148	.39	0.50	clear	yes
3:58	.30	2.10	.10	19.45	4.76	26.1	151	.37	0.50	clear	yes
4:01	.30	2.40	.10	19.45	4.77	26.1	155	.32	0.50	clear	yes

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA
 SAMPLED BY (PRINT) / AFFILIATION: Jackson, John In Langer
 SAMPLER(S) SIGNATURE(S): [Signature]
 SAMPLING INITIATED AT: 1334
 SAMPLING ENDED AT: 1408
 PUMP OR TUBING DEPTH IN WELL (feet): 25.83
 TUBING MATERIAL CODE: T
 FIELD-FILTERED: Y
 FILTER SIZE: _____ μm
 FIELD DECONTAMINATION: PUMP Y
 TUBING Y (replaced)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPL E ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

REMARKS: clients meters used
 MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; JS = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

$$8 \mid 11 \mid 10$$

08/27/2010

FS 2200 Groundwater Sampling

GROUNDWATER SAMPLING LOG SET B

COC#: _____

Meters: ~~HACH 04100034256 / QED QD01747~~

WELL NO.		SAMPLE ID:	DATE:
		TH 58	8/11/10

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 27.51	PURGE PUMP TYPE OR BAILER: BP
Measuring Point Elevation (ft/msl) MP Elevation =		- Water Level = Water Level Elevation		

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY

(only fill out if applicable)

$$= 32.92 \text{ feet} - 27.51(5.41 \text{ feet}) \times .14 \text{ gallons/foot} = .96 \text{ gallons}$$
$$\text{EQUIPMENT VOLUME PURGE} = 1 \text{ EQUIPMENT VOL} = \text{PUMP VOLUME} + (\text{TUBING CAPACITY} \times \text{TUBING LENGTH}) + \text{FLOW CELL VOLUME}$$

(only fill out if applicable)

$$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	21.92	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	31.92	PURGING INITIATED AT:	1445	PURGING ENDED AT:	1500	TOTAL VOLUME PURGED (gallons):	1.50
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Johnson, J. A. Tampa		SAMPLER(S) SIGNATURE(S): [Signature]		SAMPLING INITIATED AT: 1440	SAMPLING ENDED AT: 1510
PUMP OR TUBING DEPTH IN WELL (feet): 31.92		TUBING MATERIAL CODE: J		FIELD-FILTERED: Y ☒ Filtration Equipment Type:	FILTER SIZE: _____ µm

FIELD DECONTAMINATION: PUMP Y ☒ TUBING Y ☒ (Replaced)

DUPLICATE: Y

7

[illegible]

REMARKS:

clock metres used

dedicated pump + TVS

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Job Narrative
660-36724-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria. The LCS associated with batch 98710 had cis-1,3-Dichloropropene outside control limits. The associated samples are flagged with J3.

Method 8260B: The matrix spike (MS) recovery for Bromoform in batch 98710 was outside control limits. The associated laboratory control sample recoveries met acceptance criteria.

No other analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method 300.0: The method blank for batch 640-72103 had an estimated result for Chloride between the MDL and PQL. The associated samples are flagged with V.

Method 300.0: The matrix spike duplicate (MSD) recovery for batch 640-72103 was outside control limits. The associated laboratory control sample and laboratory control sample duplicate (LCS/LCSD) and the matrix spike (MS) recoveries met acceptance criteria.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 98855 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

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

Job Number: 660-36724-1

Client Sample ID: TH-67 WACS#20532
Lab Sample ID: 660-36724-1

Date Sampled: 08/12/2010 1018
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/16/2010 1340		
Prep Method: 5030B			Date Prepared: 08/16/2010 1340		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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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Solid Waste Management Department
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Job Number: 660-36724-1

Client Sample ID: TH-67 WACS#20532
Lab Sample ID: 660-36724-1

Date Sampled: 08/12/2010 1018
Date Received: 08/12/2010 1720
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	92		%		70 - 130	
Dibromofluoromethane	95		%		70 - 130	
Toluene-d8 (Surr)	96		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1729			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	123		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0352			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1821			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	I	ug/L	1.3	2.5	1.0
Barium	4.9	I	ug/L	1.3	5.0	1.0
Cadmium	0.55		ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.54		ug/L	0.15	0.50	1.0
Copper	2.8	I	ug/L	1.1	5.0	1.0
Iron	200		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	3.3	I	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	8.2		mg/L	0.25	0.50	1.0
Thallium	0.68	I	ug/L	0.50	1.0	1.0
Vanadium	26		ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0

Method: 7470A

Date Analyzed: 08/25/2010 1558

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Job Number: 660-36724-1

Client Sample ID: TH-67 WACS#20532
Lab Sample ID: 660-36724-1

Date Sampled: 08/12/2010 1018
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Prep Method: 7470A					
Mercury	0.091 U	ug/L	0.091	0.20	1.0
Method: 300.0					
Chloride	4.1	mg/L	0.036	1.0	1.0
Method: 350.1					
Ammonia (as N)	0.15	mg/L	0.010	0.020	1.0
Method: 353.2					
Nitrate as N	0.38 I	mg/L	0.10	0.50	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-67 WACS#20532
Lab Sample ID: 660-36724-1

Date Sampled: 08/12/2010 1018
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/12/2010 1018		
Field pH	5.91	SU			1.0
Field Temperature	27.8	Degrees C			1.0
Oxygen, Dissolved	2.35	mg/L			1.0
Specific Conductance	228	umhos/cm			1.0
Turbidity	2.20	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-67 WACS#20532
Lab Sample ID: 660-36724-1

Date Sampled: 08/12/2010 1018
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1104	
Total Dissolved Solids	130	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-64 WACS#20494
Lab Sample ID: 660-36724-2

Date Sampled: 08/12/2010 1154
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/16/2010 1402	
Prep Method: 5030B			Date Prepared:	08/16/2010 1402	
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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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Tampa, FL 33601

Job Number: 660-36724-1

Client Sample ID: TH-64 WACS#20494
Lab Sample ID: 660-36724-2

Date Sampled: 08/12/2010 1154
Date Received: 08/12/2010 1720
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	95		%		70 - 130	
Dibromofluoromethane	98		%		70 - 130	
Toluene-d8 (Surr)	97		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1742			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	123		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0359			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1828			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.4	I	ug/L	1.3	2.5	1.0
Barium	41		ug/L	1.3	5.0	1.0
Cadmium	0.14	I	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.26	I	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	1300		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	15		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	4.8	I	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0

Method: 7470A

Date Analyzed: 08/25/2010 1602

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: 660-36724-1

Client Sample ID: TH-64 WACS#20494
Lab Sample ID: 660-36724-2

Date Sampled: 08/12/2010 1154
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Prep Method: 7470A			Date Prepared: 08/24/2010 1240		
Mercury	0.091 U	ug/L	0.091	0.20	1.0
Method: 300.0			Date Analyzed: 08/18/2010 1744		
Chloride	61 V	mg/L	0.36	10	10
Method: 350.1			Date Analyzed: 08/18/2010 1108		
Ammonia (as N)	0.24	mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed: 08/13/2010 1146		
Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-64 WACS#20494
Lab Sample ID: 660-36724-2

Date Sampled: 08/12/2010 1154
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	08/12/2010 1154	
Field pH	4.37	SU			1.0
Field Temperature	26.0	Degrees C			1.0
Oxygen, Dissolved	0.44	mg/L			1.0
Specific Conductance	377	umhos/cm			1.0
Turbidity	0.80	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-64 WACS#20494
Lab Sample ID: 660-36724-2

Date Sampled: 08/12/2010 1154
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1105	
Total Dissolved Solids	230	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-61A WACS#22595
Lab Sample ID: 660-36724-3

Date Sampled: 08/12/2010 1125
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/16/2010 1425		
Prep Method: 5030B			Date Prepared: 08/16/2010 1425		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: TH-61A WACS#22595
Lab Sample ID: 660-36724-3

Date Sampled: 08/12/2010 1125
Date Received: 08/12/2010 1720
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	96		%		70 - 130	
Dibromofluoromethane	102		%		70 - 130	
Toluene-d8 (Surr)	96		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1755			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	123		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0407			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1836			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	3.5	I	ug/L	2.3	5.0	1.0
Arsenic	1.7	I	ug/L	1.3	2.5	1.0
Barium	6.5		ug/L	1.3	5.0	1.0
Cadmium	0.82		ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	3.0	I	ug/L	1.1	5.0	1.0
Iron	33	U	ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.7	I	ug/L	2.0	5.0	1.0
Selenium	2.9		ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	3.3		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	110		ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/25/2010 1605			

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Job Number: 660-36724-1

Client Sample ID: TH-61A WACS#22595
Lab Sample ID: 660-36724-3

Date Sampled: 08/12/2010 1125
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Prep Method: 7470A			Date Prepared: 08/24/2010 1240		
Mercury	0.091 U	ug/L	0.091	0.20	1.0
Method: 300.0			Date Analyzed: 08/20/2010 1323		
Chloride	4.2	mg/L	0.036	1.0	1.0
Method: 350.1			Date Analyzed: 08/18/2010 1109		
Ammonia (as N)	0.20	mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed: 08/13/2010 1146		
Nitrate as N	0.69	mg/L	0.10	0.50	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-61A WACS#22595
Lab Sample ID: 660-36724-3

Date Sampled: 08/12/2010 1125
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/12/2010	1125	
Field pH	5.48	SU			1.0
Field Temperature	26.3	Degrees C			1.0
Oxygen, Dissolved	2.44	mg/L			1.0
Specific Conductance	142	umhos/cm			1.0
Turbidity	4.60	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-61A WACS#22595
Lab Sample ID: 660-36724-3

Date Sampled: 08/12/2010 1125
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1106	
Total Dissolved Solids	80	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-66 WACS#20531
Lab Sample ID: 660-36724-4

Date Sampled: 08/12/2010 1042
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/16/2010 1447		
Prep Method: 5030B			Date Prepared:	08/16/2010 1447		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	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	1.0	U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: TH-66 WACS#20531
Lab Sample ID: 660-36724-4

Date Sampled: 08/12/2010 1042
Date Received: 08/12/2010 1720
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	92		%		70 - 130	
Dibromofluoromethane	97		%		70 - 130	
Toluene-d8 (Surr)	98		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1808			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	122		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0414			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1843			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	3.0		ug/L	1.3	2.5	1.0
Barium	3.3	I	ug/L	1.3	5.0	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	2400		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	11		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/25/2010 1608			

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Job Number: 660-36724-1

Client Sample ID: TH-66 WACS#20531
Lab Sample ID: 660-36724-4

Date Sampled: 08/12/2010 1042
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A						
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Date Prepared: 08/24/2010 1240						
Method: 300.0						
Chloride	57	V	mg/L	0.36	10	10
Date Analyzed: 08/18/2010 1815						
Method: 350.1						
Ammonia (as N)	0.50		mg/L	0.010	0.020	1.0
Date Analyzed: 08/18/2010 1110						
Method: 353.2						
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Date Analyzed: 08/13/2010 1146						

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Job Number: 660-36724-1

Client Sample ID: TH-66 WACS#20531
Lab Sample ID: 660-36724-4

Date Sampled: 08/12/2010 1042
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/12/2010	1042	
Field pH	5.31	SU			1.0
Field Temperature	25.1	Degrees C			1.0
Oxygen, Dissolved	0.24	mg/L			1.0
Specific Conductance	337	umhos/cm			1.0
Turbidity	0.40	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-66 WACS#20531
Lab Sample ID: 660-36724-4

Date Sampled: 08/12/2010 1042
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1106	
Total Dissolved Solids	230	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-65 WACS#20530
Lab Sample ID: 660-36724-5

Date Sampled: 08/12/2010 1105
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/16/2010 1510		
Prep Method: 5030B			Date Prepared: 08/16/2010 1510		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: TH-65 WACS#20530
Lab Sample ID: 660-36724-5

Date Sampled: 08/12/2010 1105
Date Received: 08/12/2010 1720
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	91		%		70 - 130	
Dibromofluoromethane	101		%		70 - 130	
Toluene-d8 (Surr)	96		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1820			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	124		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0421			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1850			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	11		ug/L	1.3	2.5	1.0
Barium	1.3	U	ug/L	1.3	5.0	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.8	I	ug/L	2.5	5.0	1.0
Cobalt	2.6		ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	5200		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	3.8	I	ug/L	2.0	5.0	1.0
Selenium	1.1	I	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	13		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	4.9	I	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0

Method: 7470A

Date Analyzed: 08/25/2010 1611

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Job Number: 660-36724-1

Client Sample ID: TH-65 WACS#20530
Lab Sample ID: 660-36724-5

Date Sampled: 08/12/2010 1105
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A			Date Prepared:	08/24/2010	1240	
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 300.0			Date Analyzed:	08/20/2010	1339	
Chloride	14		mg/L	0.036	1.0	1.0
Method: 350.1			Date Analyzed:	08/18/2010	1111	
Ammonia (as N)	1.0		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/13/2010	1146	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-65 WACS#20530
Lab Sample ID: 660-36724-5

Date Sampled: 08/12/2010 1105
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/12/2010 1105		
Field pH	4.83	SU			1.0
Field Temperature	24.6	Degrees C			1.0
Oxygen, Dissolved	0.32	mg/L			1.0
Specific Conductance	283	umhos/cm			1.0
Turbidity	0.80	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-65 WACS#20530
Lab Sample ID: 660-36724-5

Date Sampled: 08/12/2010 1105
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1107	
Total Dissolved Solids	180	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-69A WACS#22958
Lab Sample ID: 660-36724-6

Date Sampled: 08/12/2010 1309
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	08/16/2010 1532		
Prep Method: 5030B			Date Prepared:	08/16/2010 1532		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	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	1.0	U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: TH-69A WACS#22958
Lab Sample ID: 660-36724-6

Date Sampled: 08/12/2010 1309
Date Received: 08/12/2010 1720
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	93		%		70 - 130	
Dibromofluoromethane	102		%		70 - 130	
Toluene-d8 (Surr)	97		%		70 - 130	
Method: 8011	Date Analyzed: 08/25/2010 1833					
Prep Method: 8011	Date Prepared: 08/24/2010 1330					
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	129		%		56 - 144	
Method: Total Recoverable-6020A	Date Analyzed: 08/26/2010 0429					
Prep Method: 3005A	Date Prepared: 08/24/2010 1446					
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A	Date Analyzed: 08/26/2010 1858					
Prep Method: 3005A	Date Prepared: 08/24/2010 1446					
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	6.2		ug/L	1.3	5.0	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.16	I	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	6600		ug/L	33	100	1.0
Lead	0.52	I	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	13		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A	Date Analyzed: 08/25/2010 1613					

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Job Number: 660-36724-1

Client Sample ID: TH-69A WACS#22958
Lab Sample ID: 660-36724-6

Date Sampled: 08/12/2010 1309
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A						
Mercury	0.091	U	ug/L	0.091	0.20	1.0
				Date Prepared:	08/24/2010 1240	
Method: 300.0						
Chloride	60	V	mg/L	0.36	10	10
				Date Analyzed:	08/18/2010 1847	
Method: 350.1						
Ammonia (as N)	0.77		mg/L	0.010	0.020	1.0
				Date Analyzed:	08/18/2010 1113	
Method: 353.2						
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
				Date Analyzed:	08/13/2010 1146	

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Job Number: 660-36724-1

Client Sample ID: TH-69A WACS#22958
Lab Sample ID: 660-36724-6

Date Sampled: 08/12/2010 1309
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/12/2010 1309		
Field pH	5.30	SU			1.0
Field Temperature	23.7	Degrees C			1.0
Oxygen, Dissolved	0.68	mg/L			1.0
Specific Conductance	649	umhos/cm			1.0
Turbidity	5.70	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-69A WACS#22958
Lab Sample ID: 660-36724-6

Date Sampled: 08/12/2010 1309
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1108	
Total Dissolved Solids	380	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-70A WACS#22959
Lab Sample ID: 660-36724-7

Date Sampled: 08/12/2010 1343
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/16/2010 1555		
Prep Method: 5030B			Date Prepared: 08/16/2010 1555		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: TH-70A WACS#22959
Lab Sample ID: 660-36724-7

Date Sampled: 08/12/2010 1343
Date Received: 08/12/2010 1720
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	88		%		70 - 130	
Dibromofluoromethane	97		%		70 - 130	
Toluene-d8 (Surr)	96		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1846			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	121		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0436			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1905			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	7.9		ug/L	1.3	2.5	1.0
Barium	50		ug/L	1.3	5.0	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	5.8		ug/L	2.5	5.0	1.0
Cobalt	0.31	I	ug/L	0.15	0.50	1.0
Copper	1.6	I	ug/L	1.1	5.0	1.0
Iron	32000		ug/L	33	100	1.0
Lead	11		ug/L	0.20	1.5	1.0
Nickel	2.1	I	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	7.0		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	7.6	I	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0

Method: 7470A

Date Analyzed: 08/25/2010 1617

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Job Number: 660-36724-1

Client Sample ID: TH-70A WACS#22959
Lab Sample ID: 660-36724-7

Date Sampled: 08/12/2010 1343
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Prep Method: 7470A					
Mercury	0.091 U	ug/L	0.091	0.20	1.0
Method: 300.0					
Chloride	22	mg/L	0.036	1.0	1.0
Method: 350.1					
Ammonia (as N)	0.88	mg/L	0.010	0.020	1.0
Method: 353.2					
Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-70A WACS#22959
Lab Sample ID: 660-36724-7

Date Sampled: 08/12/2010 1343
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/12/2010	1343	
Field pH	5.77	SU			1.0
Field Temperature	23.8	Degrees C			1.0
Oxygen, Dissolved	0.25	mg/L			1.0
Specific Conductance	426	umhos/cm			1.0
Turbidity	19.8	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-70A WACS#22959
Lab Sample ID: 660-36724-7

Date Sampled: 08/12/2010 1343
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1108	
Total Dissolved Solids	200	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-68 WACS#22039
Lab Sample ID: 660-36724-8

Date Sampled: 08/12/2010 1231
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/16/2010 1617		
Prep Method: 5030B			Date Prepared: 08/16/2010 1617		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: TH-68 WACS#22039
Lab Sample ID: 660-36724-8

Date Sampled: 08/12/2010 1231
Date Received: 08/12/2010 1720
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	92		%		70 - 130	
Dibromofluoromethane	96		%		70 - 130	
Toluene-d8 (Surr)	95		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1859			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	126		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0458			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1927			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	2.1	I	ug/L	1.3	2.5	1.0
Barium	9.4		ug/L	1.3	5.0	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.8	I	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	I	ug/L	1.1	5.0	1.0
Iron	460		ug/L	33	100	1.0
Lead	0.48	I	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	8.2		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0

Method: 7470A

Date Analyzed: 08/25/2010 1620

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Job Number: 660-36724-1

Client Sample ID: TH-68 WACS#22039
Lab Sample ID: 660-36724-8

Date Sampled: 08/12/2010 1231
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A			Date Prepared: 08/24/2010 1240			
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 300.0			Date Analyzed: 08/18/2010 2021			
Chloride	37	V	mg/L	0.36	10	10
Method: 350.1			Date Analyzed: 08/18/2010 1115			
Ammonia (as N)	0.22		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed: 08/13/2010 1146			
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-68 WACS#22039
Lab Sample ID: 660-36724-8

Date Sampled: 08/12/2010 1231
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed: 08/12/2010 1231		
Field pH	5.26	SU			1.0
Field Temperature	27.6	Degrees C			1.0
Oxygen, Dissolved	1.91	mg/L			1.0
Specific Conductance	306	umhos/cm			1.0
Turbidity	11.5	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-68 WACS#22039
Lab Sample ID: 660-36724-8

Date Sampled: 08/12/2010 1231
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1109	
Total Dissolved Solids	240	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-71A WACS#22960
Lab Sample ID: 660-36724-9

Date Sampled: 08/12/2010 1441
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/16/2010 1639		
Prep Method: 5030B			Date Prepared: 08/16/2010 1639		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: TH-71A WACS#22960
Lab Sample ID: 660-36724-9

Date Sampled: 08/12/2010 1441
Date Received: 08/12/2010 1720
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	92		%		70 - 130	
Dibromofluoromethane	99		%		70 - 130	
Toluene-d8 (Surr)	95		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1911			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	124		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0505			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1934			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	3.3		ug/L	1.3	2.5	1.0
Barium	15		ug/L	1.3	5.0	1.0
Cadmium	0.12	I	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.59		ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	24000		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	4.9	I	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	5.0		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0

Method: 7470A

Date Analyzed: 08/25/2010 1623

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Job Number: 660-36724-1

Client Sample ID: TH-71A WACS#22960
Lab Sample ID: 660-36724-9

Date Sampled: 08/12/2010 1441
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A						
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Date Prepared: 08/24/2010 1240						
Method: 300.0						
Chloride	24	V	mg/L	0.36	10	10
Date Analyzed: 08/18/2010 2036						
Method: 350.1						
Ammonia (as N)	1.5		mg/L	0.010	0.020	1.0
Date Analyzed: 08/18/2010 1116						
Method: 353.2						
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Date Analyzed: 08/13/2010 1146						

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Job Number: 660-36724-1

Client Sample ID: TH-71A WACS#22960
Lab Sample ID: 660-36724-9

Date Sampled: 08/12/2010 1441
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed: 08/12/2010 1441		
Field pH	5.61	SU			1.0
Field Temperature	23.9	Degrees C			1.0
Oxygen, Dissolved	0.58	mg/L			1.0
Specific Conductance	798	umhos/cm			1.0
Turbidity	18.4	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-71A WACS#22960
Lab Sample ID: 660-36724-9

Date Sampled: 08/12/2010 1441
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1109	
Total Dissolved Solids	560	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-36A WACS#20329
Lab Sample ID: 660-36724-10

Date Sampled: 08/12/2010 1510
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/16/2010 1702		
Prep Method: 5030B			Date Prepared: 08/16/2010 1702		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: TH-36A WACS#20329
Lab Sample ID: 660-36724-10

Date Sampled: 08/12/2010 1510
Date Received: 08/12/2010 1720
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	95		%		70 - 130	
Dibromofluoromethane	106		%		70 - 130	
Toluene-d8 (Surr)	98		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1923			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	119		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0512			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1942			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	I	ug/L	1.3	2.5	1.0
Barium	7.7		ug/L	1.3	5.0	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	150		ug/L	33	100	1.0
Lead	0.48	I	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	4.5		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	6.8	I	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0

Method: 7470A

Date Analyzed: 08/25/2010 1626

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Job Number: 660-36724-1

Client Sample ID: TH-36A WACS#20329
Lab Sample ID: 660-36724-10

Date Sampled: 08/12/2010 1510
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A			Date Prepared:	08/24/2010	1240	
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 300.0			Date Analyzed:	08/19/2010	1752	
Chloride	5.5		mg/L	0.036	1.0	1.0
Method: 350.1			Date Analyzed:	08/18/2010	1117	
Ammonia (as N)	0.070		mg/L	0.010	0.020	1.0
Method: 353.2			Date Analyzed:	08/13/2010	1146	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-36A WACS#20329
Lab Sample ID: 660-36724-10

Date Sampled: 08/12/2010 1510
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/12/2010	1510	
Field pH	5.20	SU			1.0
Field Temperature	25.0	Degrees C			1.0
Oxygen, Dissolved	0.67	mg/L			1.0
Specific Conductance	175	umhos/cm			1.0
Turbidity	6.80	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-36A WACS#20329
Lab Sample ID: 660-36724-10

Date Sampled: 08/12/2010 1510
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1110	
Total Dissolved Solids	100	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-19 WACS#821
Lab Sample ID: 660-36724-11

Date Sampled: 08/12/2010 1540
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/16/2010 1724		
Prep Method: 5030B			Date Prepared: 08/16/2010 1724		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: TH-19 WACS#821
Lab Sample ID: 660-36724-11

Date Sampled: 08/12/2010 1540
Date Received: 08/12/2010 1720
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	94		%		70 - 130	
Dibromofluoromethane	98		%		70 - 130	
Toluene-d8 (Surr)	95		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1936			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	120		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0519			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1949			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	5.6		ug/L	1.3	5.0	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	33	U	ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	14		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 08/25/2010 1819			

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Job Number: 660-36724-1

Client Sample ID: TH-19 WACS#821
Lab Sample ID: 660-36724-11

Date Sampled: 08/12/2010 1540
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A						
Mercury	0.091	U	ug/L	Date Prepared: 08/24/2010 1240 0.091	0.20	1.0
Method: 300.0						
Chloride	8.5		mg/L	Date Analyzed: 08/19/2010 1941 0.036	1.0	1.0
Method: 350.1						
Ammonia (as N)	0.26	J3	mg/L	Date Analyzed: 08/18/2010 1121 0.010	0.020	1.0
Method: 353.2						
Nitrate as N	0.10	U	mg/L	Date Analyzed: 08/13/2010 1146 0.10	0.50	1.0

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Job Number: 660-36724-1

Client Sample ID: TH-19 WACS#821
Lab Sample ID: 660-36724-11

Date Sampled: 08/12/2010 1540
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	08/12/2010 1540		
Field pH	6.45	SU			1.0
Field Temperature	23.6	Degrees C			1.0
Oxygen, Dissolved	0.39	mg/L			1.0
Specific Conductance	397	umhos/cm			1.0
Turbidity	0.20	NTU			1.0

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Job Number: 660-36724-1

Client Sample ID: TH-19 WACS#821
Lab Sample ID: 660-36724-11

Date Sampled: 08/12/2010 1540
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1114	
Total Dissolved Solids	260	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: Duplicate
Lab Sample ID: 660-36724-12

Date Sampled: 08/12/2010 0000
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/16/2010 1746		
Prep Method: 5030B			Date Prepared: 08/16/2010 1746		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: Duplicate
Lab Sample ID: 660-36724-12

Date Sampled: 08/12/2010 0000
Date Received: 08/12/2010 1720
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	93		%		70 - 130	
Dibromofluoromethane	100		%		70 - 130	
Toluene-d8 (Surr)	98		%		70 - 130	
Method: 8011			Date Analyzed: 08/25/2010 1949			
Prep Method: 8011			Date Prepared: 08/24/2010 1330			
DBCP	0.0061	U	ug/L	0.0061	0.020	1.0
EDB	0.0065	U	ug/L	0.0065	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	130		%		56 - 144	
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 0527			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Method: Total Recoverable-6020A			Date Analyzed: 08/26/2010 1956			
Prep Method: 3005A			Date Prepared: 08/24/2010 1446			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	6.6		ug/L	1.3	5.0	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.17	I	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	6700		ug/L	33	100	1.0
Lead	0.59	I	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	14		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0

Method: 7470A

Date Analyzed: 08/25/2010 1822

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Job Number: 660-36724-1

Client Sample ID: Duplicate
Lab Sample ID: 660-36724-12

Date Sampled: 08/12/2010 0000
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A						
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 300.0						
Chloride	60	V	mg/L	0.36	10	10
Method: 350.1						
Ammonia (as N)	0.65		mg/L	0.010	0.020	1.0
Method: 353.2						
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0

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Job Number: 660-36724-1

Client Sample ID: Duplicate
Lab Sample ID: 660-36724-12

Date Sampled: 08/12/2010 0000
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	08/16/2010 1250	
Total Dissolved Solids	410	mg/L	5.0	5.0	1.0

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Job Number: 660-36724-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-36724-13

Date Sampled: 08/12/2010 0910
Date Received: 08/12/2010 1720
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 08/16/2010 1318		
Prep Method: 5030B			Date Prepared: 08/16/2010 1318		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	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	1.0 U	ug/L	1.0	2.0	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 J3	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: 660-36724-1

Client Sample ID: Travel Blank
Lab Sample ID: 660-36724-13

Date Sampled: 08/12/2010 0910
Date Received: 08/12/2010 1720
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	94		%		70 - 130	
Dibromofluoromethane	98		%		70 - 130	
Toluene-d8 (Surr)	96		%		70 - 130	

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-36724-1

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.
	V	Indicates the analyte was detected in both the sample and the associated method blank.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

660-36724

**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.

8/10/10 | 1:20

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT.

8-11-10 | 8:00

LOCATION: TH-67 WACS# 20532SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☐ A. Adger ☒ A. Balloon ☐ D. Pannell

JP

WELL DIAMETER: 2.0 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 15.25 Ft.PURGE STARTED: 8-12-10 9:18DEPTH TO WATER: 4.88 Ft.PURGE RATE: .05 GPM.LENGTH OF WATER COL: 10.37 Ft.

DATE | TIME

VOLUME TO PURGE: 1.66 Gal.PURGE ENDED: 8-12-10 10:18ACT. VOL. PURGED: 3.00 GAL.

60

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AB</u>	<u>10:00</u>	<u>27.7</u>	<u>226</u>	<u>5.92</u>	<u>2.51</u>	<u>2.40</u>
<u>JP</u>	<u>10:09</u>	<u>27.8</u>	<u>228</u>	<u>5.93</u>	<u>2.40</u>	<u>2.30</u>
<u>JP</u>	<u>10:18</u>	<u>27.8</u>	<u>228</u>	<u>5.91</u>	<u>2.35</u>	<u>2.20</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	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

8-12-10 | 10:18

ANALYSIS REQUESTED:AMMONIA-NITROGEN
SODIUM TDSCHLORIDEIRONMERCURYNITRATE-NITROGENPARAMETERS LISTED IN 40 CFR PART 258, APPENDIX IPRESERVED SAMPLES PH < 2.0 4.95 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

8-12-10 | 10:05

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

8-12-10 | 10:05

COMMENT'S:

W2#0025ref. JP 1720 8/12/10
Red. Gual. M. Halty 8/12/10 17203.9, 4.2°C C407

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT.

DATE | TIME

8/10/10 1720

8-11-10 8:00A

LOCATION: **TH-64 WACS# 20494**

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: **15.78** Ft.

LENGTH OF WATER COL: **7.22** Ft.

VOLUME TO PURGE: **1.16** Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

DATE | TIME

8-12-10 11:45

1.5 GPM.

DATE | TIME

8-12-10 11:54

1.35 GAL.

9 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	11:50	26.0	366	4.38	.56	2.0
AB	11:52	26.0	372	4.37	.49	.80
AB	11:54	26.0	377	4.37	.44	.80

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL		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		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

8-12-10 11:54

ANALYSIS REQUESTED:

**AMMONIA-NITROGEN
SODIUM TDS**

**CHLORIDE
PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I**

IRON

MERCURY

NITRATE-NITROGEN

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

ACCEPTED BY:

REP. OF SOLID WASTE DEPT.

REP. OF CONTRACT LAB.

DATE | TIME

8-12-10 11:55

8-12-10 11:55

COMMENT'S: W04 0025

del. JPR 8/12/10 1720
Red Carol Mc Nulty 8/12/10 1720

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

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME 8/10/10 | 1720

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-11-10 | 8:00

LOCATION: TH-61A WACS# 22595 SAMPLE MATRIX: WATER OTHER MATRIX: _____

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

WELL DIAMETER: <u>2.0</u> INCH:			DATE TIME
TOTAL DEPTH OF WELL: <u>20.00</u> Ft.	PURGE STARTED:	<u>8-12-10</u>	<u>11:25</u> 13
DEPTH TO WATER: <u>15.68</u> Ft.	PURGE RATE:	<u>.20</u>	GPM.
LENGTH OF WATER COL: <u>4.32</u> Ft.		DATE TIME	
VOLUME TO PURGE: <u>0.69</u> Gal.	PURGE ENDED:	<u>8-12-10</u>	<u>11:25</u>
	ACT. VOL. PURGED:	<u>2.40</u>	GAL.

12 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AB</u>	<u>11:21</u>	<u>26.3</u>	<u>148</u>	<u>5.50</u>	<u>2.63</u>	<u>7.20</u> =
<u>AB</u>	<u>11:23</u>	<u>26.3</u>	<u>145</u>	<u>5.49</u>	<u>2.57</u>	<u>5.10</u>
<u>AB</u>	<u>11:28</u>	<u>26.3</u>	<u>142</u>	<u>5.48</u>	<u>2.44</u>	<u>4.60</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>7</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

12 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
8-12-10 | 11:25

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE IRON MERCURY NITRATE-NITROGEN
SODIUM TDS PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 2/25 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: _____ DATE | TIME
RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-12-10 | 1600
ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 8-12-10 | 1600

COMMENT'S: NO#0025 Rel. Jone 1720 8/10/10
Recd. Carl McNulty 8/12/10 1720

**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.

8/11/10 | 12:20

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT.

8-11-10 | 8:00

LOCATION: **TH-66 WACS# 20531**

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☐ A. Adger ☒ A. Balloon ☐ D. Pannell

JF

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 21.30 Ft.

DEPTH TO WATER: 8.45 Ft.

LENGTH OF WATER COL: 12.85 Ft.

VOLUME TO PURGE: 2.06 Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

DATE | TIME

8-12-10 | 10:27

.25 GPM.

DATE | TIME

8-12-10 | 10:42

3.75 GAL.

15 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AJ</u>	<u>10:36</u>	<u>25.2</u>	<u>334</u>	<u>5.37</u>	<u>0.39</u>	<u>.60</u>
<u>AJ</u>	<u>10:39</u>	<u>25.2</u>	<u>336</u>	<u>5.34</u>	<u>0.36</u>	<u>.50</u>
<u>AJ</u>	<u>10:42</u>	<u>25.1</u>	<u>337</u>	<u>5.31</u>	<u>0.24</u>	<u>.40</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	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

8-12-10 | 10:42

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME

8-12-10 | 10:42

8-12-10 | 10:42

COMMENT'S:

ref. from 1700 8/12/10
Lead Carol McMillen 8/12/10 1720

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT.

DATE | TIME

8/16/10 11:20
8-16-10 8:00

LOCATION: **TH-65 WACS# 20530**

SAMPLE MATRIX: **WATER** OTHER MATRIX: _____

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

JF

WELL DIAMETER: **2.0** INCH:

TOTAL DEPTH OF WELL: **23.00** Ft.

DEPTH TO WATER: **14.16** Ft.

LENGTH OF WATER COL: **8.84** Ft.

VOLUME TO PURGE: **1.41** Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

DATE | TIME

8-12-10 11:01

.28 GPM.

DATE | TIME

8-12-10 11:05

1 GAL.

4

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
8/16	11:01	24.7	281	4.87	.37	.80
8/16	11:03	24.6	283	4.84	.33	.90
8/16	11:05	24.6	283	4.83	.32	.80

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL		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		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

12 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

8-12-10 11:05

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

PRESERVED SAMPLES PH < 2.0 24/125 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT.

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB.

DATE | TIME

8-12-10 16:05

8-12-10 16:05

COMMENT'S: W05#0025

res. Time 1720 8/12/10
Red Label the Nulty 8/12/10 1720

**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. 8/10/10 12:20

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT 8-11-10 8:01

LOCATION: TH-69A WACS# 22958

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: 25.24 Ft.

LENGTH OF WATER COL: 9.76 Ft.

VOLUME TO PURGE: 1.56 Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

DATE | TIME

8-10-10 12:52

.15 GPM.

DATE | TIME

8-12-10 1:09

2.55 GAL.

17

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>A1</u>	<u>1:03</u>	<u>23.7</u>	<u>649</u>	<u>5.43</u>	<u>.74</u>	<u>5.70</u>
<u>A2</u>	<u>1:06</u>	<u>23.7</u>	<u>649</u>	<u>5.34</u>	<u>.70</u>	<u>5.70</u>
<u>A3</u>	<u>1:09</u>	<u>23.7</u>	<u>649</u>	<u>5.30</u>	<u>.68</u>	<u>5.70</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

17

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

8-12-10 1:09

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

PRESERVED SAMPLES PH < 2.0 2/25 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT. 8-12-10 1:00

REP. OF CONTRACT LAB. 8-12-10 1:00

COMMENT'S: 0025

Net J Proe 1720 8/12/10
Reed Carol Mc Nulty 8/12/10 1720

**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.

8/11/10 | 1:20

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT. 8-11-10 | 8:00

LOCATION: TH-70A WACS# 22959

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: 38.58 Ft.

DEPTH TO WATER: 24.38 Ft.

LENGTH OF WATER COL: 14.20 Ft.

VOLUME TO PURGE: 2.27 Gal.

PURGE STARTED:

8-12-10 | 1:25

PURGE RATE:

.20 GPM.

PURGE ENDED:

8-12-10 | 1:43

ACT. VOL. PURGED:

3.60 GAL.

184W

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AJ</u>	<u>1:37</u>	<u>23.8</u>	<u>422</u>	<u>5.89</u>	<u>.50</u>	<u>19.8</u>
<u>AB</u>	<u>1:40</u>	<u>23.8</u>	<u>422</u>	<u>5.82</u>	<u>.25</u>	<u>20.0</u>
<u>AD</u>	<u>1:43</u>	<u>23.8</u>	<u>426</u>	<u>5.77</u>	<u>.25</u>	<u>19.8</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	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

8-12-10 | 1:43

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT. 8-12-10 | 1:40

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB. 8-12-10 | 1:40

COMMENT'S: W04#0025

Ref. Free 1720 8/12/10
Red Carl McNulty 8/12/10 1720

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-11-10 8:00

LOCATION: TH-68 WACS# 22039

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: 14.34 Ft.

LENGTH OF WATER COL: 7.86 Ft.

VOLUME TO PURGE: 1.26 Gal.

PURGE STARTED: 8-12-10 12:10

PURGE RATE: .16 GPM.

PURGE ENDED: 8-12-10 12:31

ACT. VOL. PURGED: 2.10 GAL.

FIELD PARAMETERS:

BY	TIME	TIME	TEMP	COND	PH	DO	TURB
BY	12:23		27.6	306	5.26	1.79	11.7
BY	12:27		27.6	306	5.26	1.83	11.8
BY	12:31		27.6	306	5.26	1.91	11.5

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL		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		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
8-12-10 12:31

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-12-10 16:05

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 8-12-10 16:05

COMMENT'S: NO 22039

rel. 8-12-10 1720
[Signature] 8-12-10 1720

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-11-10 8:00

LOCATION: **TH-71A WACS# 22960**

SAMPLE MATRIX: WATER OTHER MATRIX: _____

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

WELL DIAMETER: 2.0 INCH: 37.78
TOTAL DEPTH OF WELL: 37.78 Ft.
DEPTH TO WATER: 23.18 Ft.
LENGTH OF WATER COL: 14.60 Ft.
VOLUME TO PURGE: 2.24 Gal.

PURGE STARTED:
PURGE RATE:

DATE | TIME
8-12-10 | 2:33
2.0 GPM.

PURGE ENDED:
ACT. VOL. PURGED:

DATE | TIME
8-12-10 | 2:41
3.6 GAL.

18

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AJ</u>	<u>2:35</u>	<u>23.9</u>	<u>786</u>	<u>5.68</u>	<u>.68</u>	<u>16.2</u>
<u>AJ</u>	<u>2:38</u>	<u>23.9</u>	<u>788</u>	<u>5.63</u>	<u>.62</u>	<u>17.9</u>
<u>AJ</u>	<u>2:41</u>	<u>23.9</u>	<u>798</u>	<u>5.61</u>	<u>.58</u>	<u>18.4</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	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
8-12-10 | 2:41

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME
8-12-10 | 4:05
8-12-10 | 1:05

COMMENT'S: W07#0025

al [Signature] 1720 8/12/10
led [Signature] 8/12/10 1720

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

DATE | TIME

8/10/10 | 12:00

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT. 8-11-10 8:00

LOCATION: TH-36-A WACS# 20329

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: 32.33 Ft.

LENGTH OF WATER COL: 6.37 Ft.

VOLUME TO PURGE: 1.02 Gal.

PURGE STARTED:

DATE | TIME

8-12-10 | 3:00

PURGE RATE:

120 GPM.

DATE | TIME

PURGE ENDED:

8-12-10 | 3:10

ACT. VOL. PURGED:

2 GAL.

10 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AB</u>	<u>3:06</u>	<u>25.0</u>	<u>177</u>	<u>5.22</u>	<u>.87</u>	<u>12.10</u>
<u>AB</u>	<u>3:08</u>	<u>25.0</u>	<u>176</u>	<u>5.21</u>	<u>.73</u>	<u>6.20</u>
<u>AB</u>	<u>3:10</u>	<u>25.0</u>	<u>175</u>	<u>5.20</u>	<u>.67</u>	<u>6.80</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
<u>1</u>	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	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

8-12-10 | 3:10

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE

IRON

MERCURY

NITRATE-NITROGEN

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: [Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

8-12-10 | 16:05

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

8-2-10 | 11:05

COMMENT'S: NOA 0.25

rel. free 120 8/12/10
Feed Canal the valley

8/12/10 17:00

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT.

DATE | TIME

8/10/10 12:00
8-11-10 8:00

LOCATION: **TH-19 WACS# 821**

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: 92.90 Ft.
LENGTH OF WATER COL: 60.70 Ft.
VOLUME TO PURGE: 3.6 Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

DATE | TIME

8-12-10 3:25

1.0 GPM.

DATE | TIME

8-12-10 3:40

14 GAL.

14

FIELD PARAMETERS:

BX	TIME	TEMP	COND	PH	DO	TURB
AB	3:34	23.6	397	6.49	.41	.20
AB	3:37	23.6	397	6.47	.41	.20
AB	3:40	23.6	397	6.45	.39	.20

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL		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		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

8-12-10 3:40

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE
PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I

IRON

MERCURY

NITRATE-NITROGEN

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT.

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB.

DATE | TIME

8-12-10 1605

8-12-10 1605

COMMENT'S: W00#0035

rel. JF 1720 8/12/10
Kend Carl McNulty 8/12/10 1720

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

DATE | TIME

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT.

8/10/10 11:20
 8-11-10 8:00

LOCATION: DUPLICATE

SAMPLE MATRIX: WATER OTHER MATRIX: _____

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

JK

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL		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		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

8-12-10 |

ANALYSIS REQUESTED:

AMMONIA-NITROGEN
SODIUM TDS

CHLORIDE IRON MERCURY NITRATE-NITROGEN
PARAMETERS LISTED IN 40 CFR PART258, APPENDIX I

PRESERVED SAMPLES PH < 2.0 3/25 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME

8-12-10 11:00

8-12-10 11:00

rel. JBR 1120 8/12/10

COMMENT'S:

W070025

Red Landfill Nully

8/12/10 1720

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

BLANK, TRAVEL

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB. 8/10/10 | 1:20
ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-11-10 | 8:00

LOCATION: BLANK, TRAVEL SAMPLE MATRIX: WATER OTHER MATRIX: _____
PERSONAL ENGAGED IN SAMPLE COLLECTION: ☐ A.Adger ☒ A.Balloon ☐ D.Pannell

OF

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE TIME
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	8-12-10 8:10
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: _____
RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 8-12-10 | 1:05
ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 8-12-10 | 1:05

COMMENT'S: NO #0025 MS. 1712 1720 8/12/10
Feed Canal the Valley 8/12/10 1720

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08/27/2010

08/27/2010

08/27/2010

PURGING DATA

REMARKS

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

PURGING DATA

08/27/2010

08/27/2010

Meters: ~~HACH 04100034256 / QED QD04747~~

PURGING DATA				
WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1 1/2"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 32.33	PURGE PUMP TYPE OR BAILER: BP
Measuring Point Elevation (ft/msl)		- Water Level = Water Level Elevation		

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY) X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 6.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLED BY (PRINT) / AFFILIATION: <i>Jonathan T. Moore</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: <i>145</i>	SAMPLING ENDED AT: <i>15A</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>37.70</i>		TUBING MATERIAL CODE: <i>7</i>		FIELD-FILTERED: Y <i>0</i>	FILTER SIZE: _____ μ m
FIELD DECONTAMINATION: PUMP Y <i>0</i>		TUBING Y <i>0</i> (replaced)		DUPLICATE: Y <i>0</i>	

REMARKS:									
clients metals used									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

