

**Hillsborough County  
Florida**

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January 13, 2011

Mr. John Morris, P.G.  
Florida Department of Environmental Protection  
Waste Management Section  
13051 Telecom Parkway  
Temple Terrace, FL 33637

**RE: Southeast County Landfill  
Laboratory Analytical Sampling Results  
Phase I - Initial Assessment Monitoring Plan  
Report No. 1**

Dear Mr. Morris:

The Hillsborough County Public Utilities Department, Solid Waste Management Division (SWMD) is pleased to provide the analytical results from the sampling events conducted as part of the Phase I activities of the Initial Assessment Monitoring Plan (IAMP). The IAMP was developed to address any potential impacts from the sinkhole in Phase VI of the Southeast County Landfill (SCLF), which was discovered on December 14, 2010.

As agreed in the December 17, 2010 meeting with the Florida Department of Environmental Protection (FDEP), the SWMD implemented groundwater and surface water sampling on December 21-22, 2010 and followed up with a sampling event on December 28, 2010 to assess any potential impacts to the surficial and upper Floridan aquifers and the surface water in the tributary to Long Flat Creek, which is located west and down gradient of the sinkhole.

Parameters at the SCLF were evaluated for compliance with the FDEP Primary and Secondary Drinking Water Standards (PDWS and SDWS) provided by Chapter 62-550, Florida Administrative Code (FAC). The Florida Legislature enacted Sections 403.850 - 403.864, Florida Statutes, directing FDEP to formulate and enforce rules pertaining to drinking water. These rules adopted the national primary and secondary drinking water standards of the Federal Government and created additional rules to fulfill the State's requirements.

Mr. John Morris, P.G.  
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On December 21-22, 2010, the SWMD sampled a total of four (4) surficial aquifer groundwater monitoring wells (P-18S, TH-28A, TH-57, and TH-58) and three (3) upper Floridan aquifer groundwater monitoring wells (TH-19, TH-40, and TH-42), to evaluate any potential environmental impacts from the sinkhole. Each of these referenced monitoring locations were sampled for parameters listed in Specific Condition #E.4.c of the SCLF Operations Permit No. 35435-014-SO/01 to ensure environmental compliance with Chapter 62-550, FAC.

The SWMD also sampled six (6) private supply wells located cross and up gradient of the sinkhole site and two (2) surface water sites (3B2B and 3C2) located on site in the tributary to Long Flat Creek. The third surface water sampling location, 3A, which is the up-stream background location within the tributary, was also scheduled to be sampled. However, the sampling location at 3A was observed to be dry at the time of this sampling event. Each of these supply wells and surface water sites were also sampled for the parameters listed in Specific Condition #E.4.c of Operations Permit No. 35435-014-SO/01.

The sampling and analysis is intended to evaluate the potential impacts from leachate that could be introduced into the groundwater system at the site from the sinkhole. The parameters that are indicative of impacts from leachate are Conductivity, Total Dissolved Solids, Chloride, Ammonia, and Sodium.

#### **December 21-22, 2010 Groundwater/Surface Water Sampling Event**

The following paragraphs summarize parameter-specific results only exceeding the PDWS and SDWS from the December 21-22, 2010 sampling events. All other analyzed parameters were within the applicable drinking water standards.

#### **pH**

The surficial aquifer 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 observed range in value from 4.56 to 5.76 pH units. The surficial aquifer wells on site have historically exhibited pH values below the SDWS range. The Hydrogeologic Investigation of the Southeast County Landfill, conducted by Ardaman and Associates, Inc. in 1983 prior to the landfill being constructed documented the low pH values across the site, and their report concluded that the pH values were either naturally occurring or a result of the past mining activities. The pH values observed in the three upper Floridan aquifer wells sampled were all within the SDWS acceptable range.

### **Turbidity**

The turbidity values observed in P-18S and TH-42 exhibited elevated concentrations at 853.5 and 796 NTU, respectively. The SWMD believes that the elevated turbidity values observed are due to the fact that P-18S has never been sampled before and TH-42 has not been sampled over the past ten years. The elevated turbidity values are not unexpected from wells that have not been pumped or properly developed. It is apparent that there is a need to further develop these wells to obtain representative water quality samples.

### **Iron**

Iron concentrations in five (5) of the seven (7) monitoring wells tested were observed above the SDWS of 0.3 mg/l. The concentrations of iron ranged from 0.32 mg/l to 25 mg/l. As discussed in the 1983 Ardaman and Associates Hydrogeologic Investigation Report, the elevated iron concentrations observed in the surficial aquifer wells across the site are naturally occurring or a result of past mining activities. The values observed in P-18S and TH-42 are elevated, at 4.5 and 25 mg/l, respectively. However, the values are not inconsistent with the historical data set at the site. As previously discussed, P-18S has never been sampled before and TH-42 has not been sampled over the past ten years. The turbidity and entrained sediments in the samples collected is likely the source of the high iron concentrations observed in these wells.

The SWMD will continue to evaluate the water quality in these wells, and based on these observations, will be adding iron to the list of parameters for the wells to be sampled on a weekly schedule. It should be noted that subsequent sampling at these locations has exhibited significant reductions in the turbidity, and the SWMD is confident that as we further develop these wells, the turbidity will continue to decline and the concentrations of iron will decrease significantly.

The private supply wells owned by Weeks and Holland exhibited concentrations of iron above the SDWS of 0.3 mg/l at concentrations of 0.71 mg/l and 1.9 mg/l, respectively. The concentrations of iron in these supply wells have consistently been observed above the SDWS, and the SWMD maintains the position that the iron is not attributable to the landfill. It should be noted that these wells are located greater than one-mile up-gradient of the sinkhole at the landfill.

The surface water sampling results exhibited iron exceeding the surface water standard in the mid-point sampling location 3B2B within the tributary to Long Flat Creek. The results exhibited iron at a concentration of 2.5 mg/l which exceeds the surface water standard of 1.0 mg/l as provided by Chapter 62-302, F.A.C. Turbidity and total dissolved solids were elevated at 3B2B at the time of sampling and these parameter values have the potential to drive the concentrations of iron upward. The down gradient surface water sampling point

3C2, which is the compliance monitoring discharge point, did not exhibit any constituents exceeding their respective surface water standards.

Although no unusual changes in iron concentrations have been observed within any of the groundwater monitoring wells, surface water sampling locations, or private supply wells, the SWMD will add iron to the parameter list for the weekly sampling program conducted as part of the continuation of the IAMP..

### **Arsenic**

Arsenic was observed above the PDWS of 0.01 mg/l in surficial aquifer groundwater monitoring well, TH-58, during this sampling event at a concentration of 0.027 mg/l. This well has historically exhibited arsenic values above the PDWS of 0.01 mg/l, and the past four quarterly sampling events indicate no significant change in the concentration of arsenic in this well. The February 2010 event exhibited a concentration of 0.028 mg/l, the May 2010 event exhibited 0.030 mg/l, the August 2010 event exhibited 0.030 mg/l, and the November 2010 event exhibited 0.028 mg/l. These observations support the position that the water quality observed in TH-58 does not appear to be attributable to the sinkhole, and previous submittals have discussed the potential sources of these minor impacts. The SWMD will add arsenic to the parameter list for the weekly sampling conducted as part of the continuation of the IAMP.

### **Cadmium, Chromium, and Lead**

Cadmium, chromium, and lead exceeded their respective standards in the newly sampled wells P-18S and TH-42. However, as discussed, it is readily apparent that the elevated turbidity and entrained sediments in the samples collected is the likely source of these parameters observed in these two wells. The SWMD maintains the position that the metals detected are in no way attributable to the sinkhole or the landfill. However, based on these observations, the SWMD will add cadmium, chromium, and lead to the list for the weekly sampling conducted as part of the continuation of the IAMP.

### **December 28-29, 2010 Groundwater Sampling Event**

During the December 28-29, 2010 sampling event, the SWMD sampled the four (4) surficial aquifer groundwater monitoring wells, P-18S, TH-28A, TH-57, and TH-58, three (3) upper Floridan aquifer groundwater monitoring wells, TH-19, TH-40, and TH-42, and two (2) existing on-site supply wells, SUP-1 and SUP-2. Each of these referenced monitoring locations were sampled and monitored for the indicator parameters including Specific Conductivity, TDS, Chloride, Ammonia, and Sodium.

It should be noted that other metals, such as iron, arsenic, cadmium, chromium, and lead were not analyzed during this round of sampling. However, future sampling at these locations will

include these metals to further evaluate water quality and support the position that the metals observed are attributable to the elevated turbidity values and the dissolution of metals from the entrained sediments in the samples collected from the wells that have not been sampled prior to this work. The dissolution of metals is facilitated by the acidic preservative added to the samples collected for metals analysis.

The following paragraphs summarize parameter-specific results exceeding the PDWS and SDWS from the December 28-29, 2010 sampling events. All other analyzed parameters were within applicable drinking water standards.

### **pH**

The surficial aquifer 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 4.47 to 5.66 pH units. As previously discussed, the pH values at the site have historically been observed to be below the acceptable range, and the observed values are consistent with the historical and background water quality. The pH values observed in the three (3) upper Floridan wells were all observed within the SDWS for this sampling event.

### **Turbidity**

The turbidity values observed in P-18S and TH-42 continue to be elevated at 394.2 and 156.1 NTU, respectfully. However, these values are significantly reduced from the first week of sampling when they were 853.5 and 796 NTU, respectively. This significant reduction supports the position that these wells, having not been previously sampled, will improve and exhibit representative water quality when they are further developed as we move forward with the continuation of the IAMP.

### **Conclusions**

Overall, the water quality samples collected as part of the IAMP at the Southeast County Landfill remain consistent with the historical data set for the site. The groundwater within the surficial aquifer continues to exhibit concentrations of pH and a number of metals that are not within their applicable standards. Iron and pH have been documented to be naturally occurring or a result of the past mining activities in the soils and groundwater before construction of the landfill and are not attributable to the buried waste or the sinkhole activity. None of the indicator parameters were observed above their applicable standards in these first two sampling events.

Cadmium, chromium, and lead exceeded their respective standards in the newly sampled wells P-18S and TH-42. It is apparent that the elevated turbidity and entrained sediments in the collected samples is likely the source of these parameters observed in these two wells and

Mr. John Morris, P.G.  
January 13, 2011  
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the SWMD believes that the metals detected are not likely attributable to the sinkhole or the landfill. The data indicates that the sinkhole has not impacted water quality at the site in any way, and no threat to the underground supply of drinking water has been identified in these first two sampling events. As we have presented, the two new groundwater monitoring wells being installed this week, TH-72 and TH-73, will be the most likely locations for impact, if any, and the data from sampling these wells will provide a sound scientific basis for future assessment work.

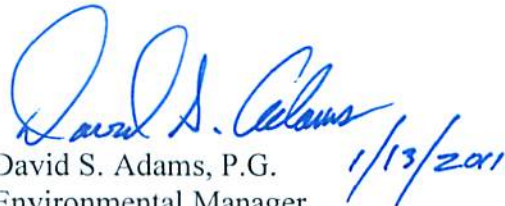
Enclosed for your review is a detailed site location map, data summary tables for the groundwater monitoring wells, surface water sites, and private supply wells, two groundwater elevation data tables and the associated contour diagrams. The SWMD continues to work on all the activities associated with the Initial Assessment Monitoring Plan. The analytical results from each week's sampling events shall be submitted within seven days of our receipt of the laboratory data reports, as requested by FDEP.

Should you have any questions or require any additional information, please call us at (813) 276-2955 or (813) 276-2944.

Respectfully submitted,



Michael D. Townsel 1/13/2011  
Senior Hydrologist  
Public Utilities Department  
Solid Waste Management Division

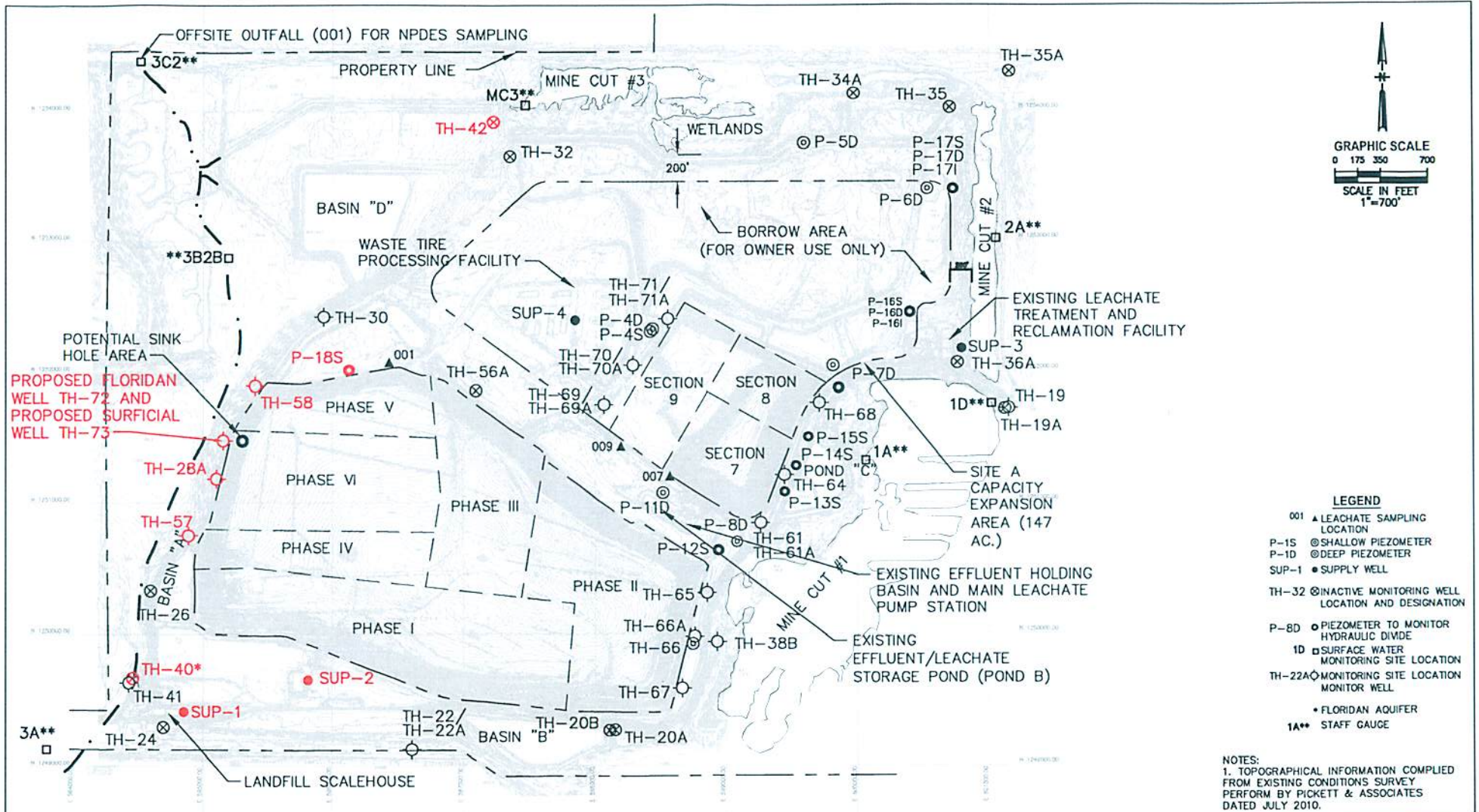


David S. Adams, P.G. 1/13/2011  
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Brian Miller, DOH



C:\working\hsp\c0260713\Well Location Map - Revised 12-22-10.dwg, Plot: 12/22/2010 1:20:51 PM, BradJohn



SHEET TITLE  
**MONITORING WELLS, PIEZOMETERS, AND SURFACE WATER MONITORING LOCATIONS  
 HILLSBOROUGH COUNTY, FLORIDA**

PROJECT NUMBER  
 SCALE  
 DATE  
 DEC. 2010

REFERENCE SHEET  
 DRAWING NAME  
 EXHIBIT NUMBER  
 1

# Hillsborough County Southeast Landfill

## Laboratory Analytical Results from Groundwater Monitoring and Private Supply Wells

### December 21-22, 2010

GENERAL (mg/l)															(MCL) STANDARD
PARAMETERS	P-18S	TH-19	TH-28A	TH-40	TH-42	TH-57	TH-58	Barnes	Holland	Holdren	Weeks	Sheriff 1	Sheriff 2	F.A.C. 62-550	
conductivity (umhos/cm) (field)	94	392	209	348	496	144	970	318	344	245	465	335	386	NS	
dissolved oxygen (mg/l) (field)	0.44	1.34	1.71	1.06	0.77	1.6	1.2	3.78	0.74	0.45	1.88	0.57	1.09	NS	
pH (field)	4.66	7.37	5.22	7.61	7.29	6.05	6.78	7.46	7.21	7.51	7.05	7.64	7.40	(6.5 - 8.5)**	
temperature (°C) (field)	26.40	23.20	25.30	23.30	23.70	26.10	26.00	23.00	24.00	23.90	22.80	25.20	24.30	NS	
turbidity (NTU) (field)	853.5	0.2	25.9	0.3	796	0.6	0.9	0.4	0.2	0.2	1.02	0.1	0.1	NS	
total dissolved solids (mg/l)	110	250	110	210	320	76	490	220	230	160	300	240	260	500**	
chloride (mg/l)	12	7.8	43	8.3	17	35	190	7.7	19	5	36	12	6	250**	
ammonia nitrogen (mg/l as N)	0.58	0.25	1.4	0.31	0.36	0.79	0.66	0.12	0.076	0.13	0.12	0.15	0.26	2.8***	
nitrate (mg/l as N)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.17	BDL	BDL	BDL	BDL	BDL	10*	
(MCL) STANDARD															
Metals: (mg/l)	P-18S	TH-19	TH-28A	TH-40	TH-42	TH-57	TH-58	Barnes	Holland	Holdren	Weeks	Sheriff 1	Sheriff 2	F.A.C. 62-550	
iron	4.5	BDL	2.5	0.041	25	0.32	4.7	BDL	1.9	0.092	0.71	0.12	BDL	0.3**	
cadmium	0.021	BDL	BDL	BDL	0.01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005*	
chromium	0.1	BDL	0.0046	BDL	0.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.2	
copper	0.025	BDL	BDL	BDL	0.03	BDL	BDL	BDL	0.0022	0.0021	BDL	BDL	BDL	1**	
beryllium	0.0029	BDL	BDL	BDL	0.0038	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.004*	
barium	0.4	0.0052	0.015	0.0078	0.63	0.0075	0.033	0.0052	0.0049	0.004	0.0049	0.037	0.015	2*	
cobalt	0.0014	BDL	0.00054	BDL	0.028	BDL	0.00054	BDL	BDL	BDL	BDL	BDL	BDL	140***	
arsenic	0.007	BDL	0.0023	BDL	0.0085	BDL	0.027	BDL	BDL	BDL	0.0052	BDL	BDL	0.01*	
lead	0.034	BDL	0.0017	BDL	0.074	BDL	BDL	0.0012	BDL	BDL	0.0076	BDL	BDL	0.015*	
nickel	0.02	BDL	0.0036	BDL	0.045	BDL	BDL	BDL	0.0074	BDL	BDL	BDL	BDL	0.1*	
selenium	0.011	BDL	BDL	BDL	0.0035	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.05*	
silver	0.001	BDL	BDL	BDL	0.00061	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.1**	
sodium	9.4	14	17	20	18	13	38	16	6.5	4.8	8.6	9.5	10	160*	
mercury	0.00013	BDL	BDL	BDL	0.00014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.002*	
vanadium	0.31	BDL	0.0041	BDL	0.17	BDL	0.0066	BDL	BDL	BDL	BDL	BDL	BDL	49***	
antimony	0.0041	BDL	BDL	BDL	0.0027	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.006*	
zinc	0.083	BDL	BDL	BDL	0.19	BDL	BDL	0.17	0.022	BDL	0.16	BDL	BDL	5**	
thallium	0.0012	BDL	BDL	BDL	0.002	BDL	0.00066	BDL	BDL	BDL	BDL	BDL	BDL	0.002*	
(MCL) STANDARD															
Organics: (µg/l)															(MCL) STANDARD
Organic Parameters Detected	P-18S	TH-19	TH-28A	TH-40	TH-42	TH-57	TH-58	Barnes	Holland	Holdren	Weeks	Sheriff 1	Sheriff 2	F.A.C. 62-550	
benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1*	
toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000*	
ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700*	
total xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10000**	
1,1-dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700***	
1,2-dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3*	
vinyl chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1*	
Note: Ref. Groundwater Guidance Concentrations, FDEP 2007															
MCL=MAXIMUM CONTAMINANT LEVEL															
BDL=BELOW DETECTION LIMIT															
NTU=NEPHELOMETRIC TURBIDITY UNITS															
*DENOTES PRIMARY DRINKING WATER STANDARD															
**=DENOTES SECONDARY DRINKING WATER STANDARD															
***=DENOTES FLORIDA GUIDANCE CONCENTRATION															
4.56	: EXCEEDS PRIMARY OR SECONDARY DRINKING WATER														
ug/l=MICROGRAMS PER LITER															
mg/l=MILLIGRAMS PER LITER															
NS=NO STANDARD															
(-) indicates that the sample was not analyzed for this parameter															



# Hillsborough County Southeast Landfill

## Laboratory Analytical Results from Surface Water Sites

### December 21, 2010

GENERAL PARAMETERS	Surface Site 3B2B	Surface Site 3C2	(MCL) STANDARD F.A.C. 62-302
conductivity (umhos/cm) (field)	229	233	1275
dissolved oxygen (mg/l) (field)	7.32	10.21	Must Be > OR=5.0
pH (field)	7.21	6.95	(6.5 - 8.5)
temperature (°C) In field	12.10	12.77	NS
turbidity (field) (NTU)	25.9	1.8	29
total dissolved solids (mg/l)	130	150	NS
total suspended solids (mg/l)	77	1.2	NS
nitrate (mg/l)	0.17	BDL	NS
total nitrogen (mg/l)	1.3	0.43	NS
total phosphorous (mg/l)	1.7	0.55	NS
biochem. oxygen demand (mg/l)	BDL	BDL	NS
chemical oxygen demand (mg/l)	63	36	NS
total organic carbon (mg/l as C)	12	14	NS
chlorophyll-A (mg/m3)	11.1	BDL	NS
total hardness (mg/l as CaCO)	100	110	NS
unionized ammonia (mg/l)	0.00043	0.0004	NS
fecal coliform (Col/100ml)	790	340	800
(MCL) STANDARD F.A.C. 62-302			
Metals: (mg/l)	Surface Site 3B2B	Surface Site 3C2	(MCL) STANDARD F.A.C. 62-302
iron	2.5	0.14	1
arsenic	BDL	0.0014	< or = to 0.05
copper	0.0028	BDL	**
barium	0.037	0.006	NS
beryllium	BDL	BDL	1.3
cobalt	0.0007	BDL	NS
lead	0.0018	BDL	*****
vanadium	0.0048	0.0063	NS
chromium	0.004	BDL	***
nickel	BDL	BDL	****
zinc	0.023	BDL	*=105.99
thallium	BDL	BDL	<0.0063
cadmium	0.00017	BDL	*****
mercury	BDL	BDL	0.000012
(MCL) STANDARD F.A.C. 62-302			
Organics: (µg/l)	Surface Site 3B2B	Surface Site 3C2	(MCL) STANDARD F.A.C. 62-302
Organic Parameters Detected			
toluene	BDL	BDL	NS
acetone	BDL	BDL	NS
methylene chloride	BDL	BDL	>OR = 5.67 annual avg.
<p>Note: Ref. Groundwater Guidance Concentrations, FDEP June 1994</p> <p>MCL=MAXIMUM CONTAMINANT LEVEL</p> <p>BDL=BELOW DETECTION LIMIT</p> <p>NTU=NEPHELOMETRIC TURBIDITY UNITS</p> <p>*=DENOTES PRIMARY DRINKING WATER STANDARD</p> <p>**=DENOTES SECONDARY DRINKING WATER STANDARD</p> <p>***=DENOTES FLORIDA GUIDANCE CONCENTRATION</p> <p>****=Pb&lt;=e(1.273(lnH)-4.705)</p>			
<p style="text-align: center;"><b>2.5</b> : EXCEEDS PRIMARY OR SECONDARY DRINKING WATER</p>			
<p>ug/l=MICROGRAMS PER LITER</p> <p>mg/l=MILLIGRAMS PER LITER</p> <p>NS=NO STANDARD</p>			

# Hillsborough County Southeast Landfill

## Laboratory Analytical Results from Groundwater Monitoring and On-Site Supply Wells

### December 28-29, 2010

GENERAL (mg/l)										(MCL) STANDARD
PARAMETERS	P-18S	TH-19	TH-28A	TH-40	TH-42	TH-57	TH-58	SUP-1	SUP-2	F.A.C. 62-550
conductivity (umhos/cm) (field)	75	319	171	304	412	150	570	275	293	NS
dissolved oxygen (mg/l) (field)	0.56	0.78	1.63	1.37	0.42	1.45	0.42	0.49	0.27	NS
pH (field)	4.47	7.40	5.11	7.55	7.21	5.21	5.66	7.63	7.59	(6.5 - 8.5)**
temperature (°C) (field)	26.15	23.23	25.81	22.70	23.47	26.20	26.00	24.46	24.18	NS
turbidity (NTU) (field)	394.2	0.2	5	1.4	156.1	0.5	0.9	0.1	0.1	NS
total dissolved solids (mg/l)	110	230	120	220	310	110	420	180	200	500**
chloride (mg/l)	10	7.9	42	8	17	44	130	9.9	12	250**
ammonia nitrogen (mg/l as N)	0.62	0.23	1.2	0.42	0.24	0.93	0.75	0.17	0.15	2.8***
Metals: (mg/l)	P-18S	TH-19	TH-28A	TH-40	TH-42	TH-57	TH-58	SUP-1	SUP-2	(MCL) STANDARD F.A.C. 62-550
sodium	8	16	17	17	15	13	30	11	13	160*
Note: Ref. Groundwater Guidance Concentrations, FDEP 2007 MCL=MAXIMUM CONTAMINANT LEVEL BDL=BELOW DETECTION LIMIT NTU=NEPHELOMETRIC TURBIDITY UNITS *=DENOTES PRIMARY DRINKING WATER STANDARD **=DENOTES SECONDARY DRINKING WATER STANDARD ***=DENOTES FLORIDA GUIDANCE CONCENTRATION <div style="border: 1px solid black; display: inline-block; padding: 2px;">4.47</div> : EXCEEDS PRIMARY OR SECONDARY DRINKING WATER ug/l=MICROGRAMS PER LITER mg/l=MILLIGRAMS PER LITER NS=NO STANDARD ( - ) indicates that the sample was not analyzed for this parameter										

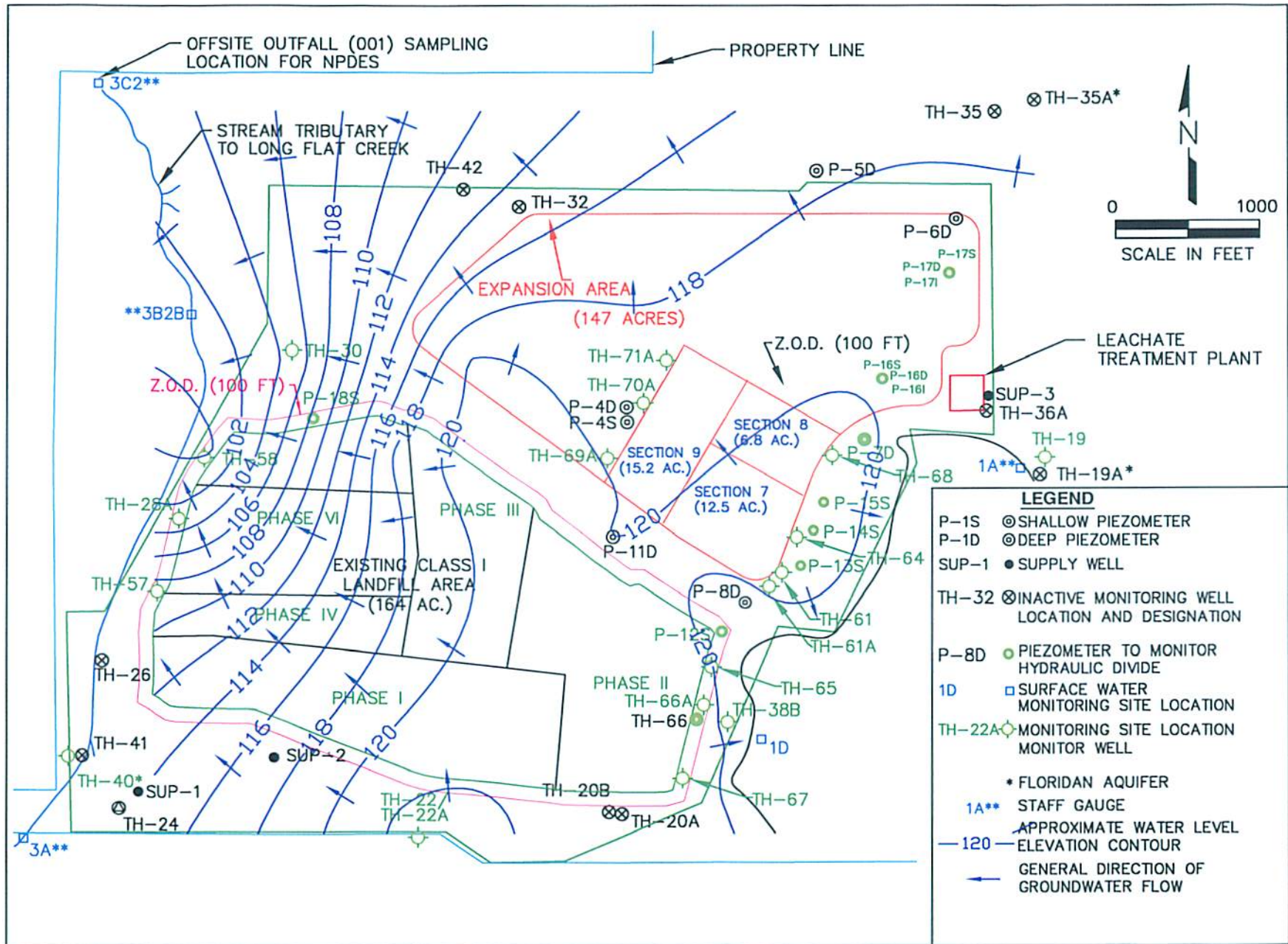
Prepared by: Mike Townsel  
 QA/QC'D by: Jim Clayton  
 Final QA/QC by: David Adams

**GROUNDWATER AND SURFACE WATER ELEVATIONS FOR**

**SOUTHEAST LANDFILL**

December 20, 2010

Measuring Point I.D.	T.O.C. Elevations (NGVD)	12/20/2010 W.L. B.T.O.C.	W.L. (NGVD)	Time
P-4D	140.78	22.40	118.38	10:35 AM
P-4S	140.95	10.05	130.90	10:36 AM
P-5D	151.94	Dry	Dry	11:35 AM
P-6D-A	148.01	28.30	119.71	11:21 AM
P-7D	138.92	18.50	120.42	1:15 PM
P-8D	138.34	18.86	119.48	10:22 AM
P-11D	138.02	18.05	119.97	10:25 AM
P-12S	134.97	14.98	119.99	10:20 AM
P-13S	140.21	20.02	120.19	1:23 PM
P-14S	138.56	18.35	120.21	1:19 PM
P-15S	139.19	19.00	120.19	1:16 PM
P-16S	143.38	16.22	127.16	11:04 AM
P-16I	144.15	24.85	119.30	11:03 AM
P-16D	143.84	24.59	119.25	11:05 AM
P-17S	137.35	16.60	120.75	11:35 AM
P-17I	137.32	17.84	119.48	11:34 AM
P-17D	137.22	17.88	119.34	11:33 AM
P-18S	129.86	18.80	111.06	12:39 PM
P-19	133.36	14.39	118.97	11:24 AM
P-20	132.38	13.70	118.68	10:56 AM
P-21	122.79	4.15	118.64	10:51 AM
P-22	128.35	9.62	118.73	10:49 AM
P-23	143.13	24.11	119.02	11:00 AM
TH-19*	130.27	117.58	12.69	11:11 AM
TH-20A	131.86	10.60	121.26	10:03 AM
TH-20B	132.57	11.62	120.95	10:02 AM
TH-22	128.82	5.85	122.97	9:57 AM
TH-22A	129.27	6.45	122.82	9:56 AM
TH-24A	128.23	6.40	121.83	9:51 AM
TH-26	125.65	Dry	Dry	1:38 PM
TH-28A	131.10	28.49	102.61	12:59 PM
TH-30	128.88	24.10	104.78	12:36 PM
TH-32	129.90	15.15	114.75	12:15 PM
TH-35	145.98	29.10	116.88	11:18 AM
TH-36A	152.70	33.69	119.01	11:09 AM
TH-38A	130.68	11.20	119.48	10:13 AM
TH-38B	131.81	12.19	119.62	10:14 AM
TH-40*	124.99	115.29	9.70	1:32 PM
TH-41*	125.00	117.20	7.80	1:30 PM
TH-42*	116.74	89.20	27.54	11:39 AM
TH-57	128.36	20.07	108.29	1:35 PM
TH-58	127.88	28.25	99.63	12:53 PM
TH-61	138.73	18.20	120.53	1:06 PM
TH-61A	139.45	18.81	120.64	1:05 PM
TH-64	139.64	18.55	121.09	1:21 PM
TH-65	135.40	15.35	120.05	10:16 AM
TH-66	130.58	10.17	120.41	10:10 AM
TH-66A	130.66	10.61	120.05	10:09 AM
TH-67	129.51	7.54	121.97	10:06 AM
TH-68	140.01	16.54	123.47	1:12 PM
TH-69A	144.97	25.92	119.05	10:29 AM
TH-70A	146.63	27.56	119.07	10:33 AM
TH-71A	146.95	26.66	120.29	10:41 AM
SW-3A	3.0'=125.53'	0.15	122.68	9:48 AM
SW-3B2B	3.0'=97.97'	1.39	96.36	12:31 PM
SW-3C2	6.0'=92.33'	1.29	87.62	12:24 PM
Mine Cut #1	4.0'=122.14'	1.40	119.54	1:09 PM
Mine Cut #2	6.0'=123.47'	1.75	119.22	11:14 AM
Mine Cut #3	4.0'=112.27'	1.45	109.72	12:19 PM
Mine Cut #4	5.0'=97.54'	1.86	94.40	12:17 PM
NGVD = National Geodetic Vertical Datum T.O.C. = Top of Casing B.T.O.C. = Below Top of Casing * = Floridan Well ND = No Data W.L. = Water Level				



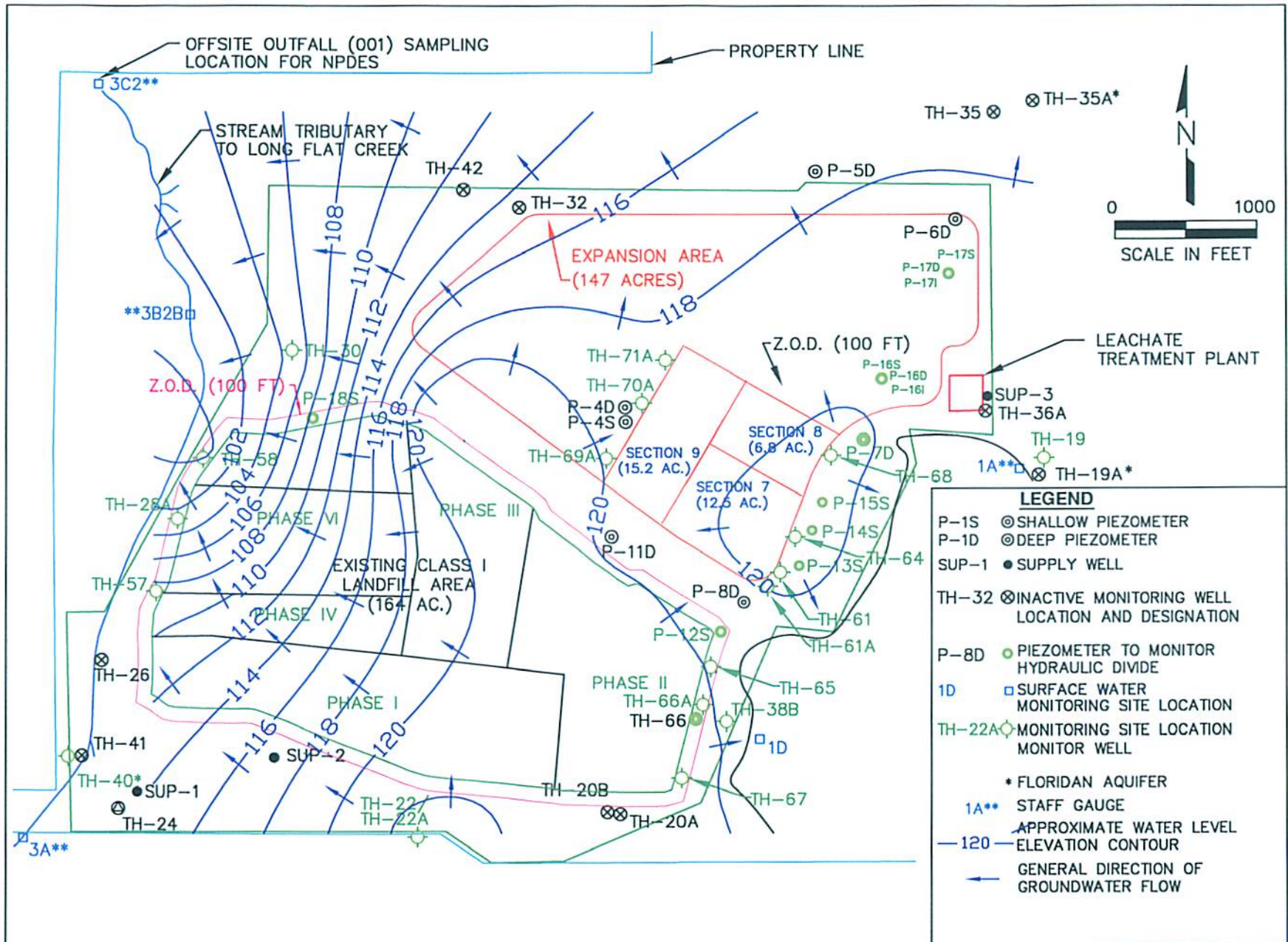
Southeast County Landfill  
Groundwater Elevation Contour Diagram – December 20, 2010

**GROUNDWATER AND SURFACE WATER ELEVATIONS FOR**

**SOUTHEAST LANDFILL**

December 28, 2010

Measuring Point I.D.	T.O.C. Elevations (NGVD)	12/28/2010 W.L. B.T.O.C.	W.L. (NGVD)	Time
P-4D	140.78	22.51	118.27	12:37 PM
P-4S	140.95	Dry	Dry	12:36 PM
P-5D	151.94	Dry	Dry	11:19 AM
P-6D-A	148.01	28.44	119.57	11:39 AM
P-7D	138.92	18.60	120.32	12:57 PM
P-8D	138.34	18.97	119.37	10:20 AM
P-11D	138.02	18.29	119.73	10:17 AM
P-12S	134.97	15.18	119.79	10:13 AM
P-13S	140.21	20.22	119.99	10:29 AM
P-14S	138.56	18.52	120.04	10:39 AM
P-15S	139.19	19.16	120.03	10:43 AM
P-16S	143.38	16.34	127.04	10:54 AM
P-16I	144.15	24.96	119.19	10:57 AM
P-16D	143.84	24.69	119.15	10:58 AM
P-17S	137.35	16.80	120.55	11:25 AM
P-17I	137.32	17.97	119.35	11:27 AM
P-17D	137.22	17.99	119.23	11:28 AM
P-18S	129.86	19.02	110.84	12:11 PM
P-19	133.36	14.60	118.76	11:34 AM
P-20	132.38	13.82	118.56	11:45 AM
P-21	122.79	4.33	118.46	12:23 PM
P-22	128.35	9.72	118.63	12:26 PM
P-23	143.13	24.19	118.94	12:19 PM
TH-19*	130.27	118.33	11.94	11:08 AM
TH-20A	131.86	10.68	121.18	9:49 AM
TH-20B	132.57	11.72	120.85	9:47 AM
TH-22	128.82	5.96	122.86	9:35 AM
TH-22A	129.27	6.58	122.69	9:37 AM
TH-24A	128.23	6.51	121.72	9:43 AM
TH-26	125.65	Dry	Dry	10:20 AM
TH-28A	131.10	28.75	102.35	10:53 AM
TH-30	128.88	24.20	104.68	12:01 PM
TH-32	129.90	15.36	114.54	12:44 PM
TH-35	145.98	29.22	116.76	11:15 AM
TH-36A	152.70	33.78	118.94	11:03 AM
TH-38A	130.68	11.25	119.43	9:59 AM
TH-38B	131.81	12.25	119.56	10:01 AM
TH-40*	124.99	116.90	8.09	9:40 AM
TH-41*	125.00	117.42	7.58	9:35 AM
TH-42*	116.74	89.22	27.52	12:48 PM
TH-57	128.36	20.26	108.10	10:23 AM
TH-58	127.88	28.34	99.54	11:44 AM
TH-61	138.73	18.37	120.36	10:28 AM
TH-61A	139.45	18.98	120.47	10:24 AM
TH-64	139.64	18.97	120.67	10:33 AM
TH-65	135.40	15.47	119.93	10:10 AM
TH-66	130.58	10.28	120.30	10:04 AM
TH-66A	130.66	10.75	119.91	10:06 AM
TH-67	129.51	7.55	121.96	9:54 AM
TH-68	140.01	16.68	123.33	10:50 AM
TH-69A	144.97	25.99	118.98	12:53 PM
TH-70A	146.63	24.40	122.23	12:47 PM
TH-71A	146.95	26.75	120.20	12:32 PM
SW-3A	3.0'=125.53'	0.00	122.53	9:29 AM
SW-3B2B	3.0'=97.97'	1.38	96.35	12:10 PM
SW-3C2	6.0'=92.33'	1.38	87.71	12:02 PM
Mine Cut #1	4.0'=122.14'	1.36	119.50	10:46 AM
Mine Cut #2	6.0'=123.47'	1.66	119.13	11:11 AM
Mine Cut #3	4.0'=112.27'	1.80	110.07	11:54 AM
Mine Cut #4	5.0'=97.54'	1.46	94.00	11:51 AM
NGVD = National Geodetic Vertical Datum T.O.C. = Top of Casing B.T.O.C. = Below Top of Casing * = Floridan Well ND = No Data W.L. = Water Level				



Southeast County Landfill  
 Groundwater Elevation Contour Diagram – December 28, 2010

## ANALYTICAL REPORT

Job Number: 660-38931-1

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  
1/5/2011 4:25 PM

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Nancy Robertson  
Project Manager II  
nancy.robertson@testamericainc.com  
01/05/2011

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.

**Job Narrative**  
**660-38931-1**

**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 for this method. The LCS associated with batch 104532 had Acetone outside control limits. The matrix spike had Acetone and Bromochloromethane outside control limits. The associated samples are flagged with J3.

Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria for this method. The LCS associated with batch 104566 had 2-Hexanone outside control limits. The associated samples are 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 / matrix spike duplicate (MS/MSD) recoveries for batch 190468 could not be calculated due to matrix. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

**General Chemistry**

Method SM 5310C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 76369 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.



## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38931-1</b>	<b>SURFACE SITE 3C2 WACS#838</b>				
Hardness as calcium carbonate		110	3.3	mg/L	SM 2340B
Field pH		6.95		SU	Field Sampling
Field Temperature		12.77		Degrees C	Field Sampling
Oxygen, Dissolved		10.21		mg/L	Field Sampling
Specific Conductance		233		umhos/cm	Field Sampling
Turbidity		1.8		NTU	Field Sampling
Phosphorus, Total		0.55	0.30	mg/L	365.4
Chemical Oxygen Demand		36	20	mg/L	5220 D
Chlorophyll a		2.00 U	2.00	mg/m3	SM 10200H
Total Dissolved Solids		150	5.0	mg/L	SM 2540C
Total Suspended Solids		1.2	1.0	mg/L	SM 2540D
Total Organic Carbon		14	1.0	mg/L	SM 5310C
Nitrogen, Total		0.43	0.050	mg/L	Total Nitrogen
Unionized Ammonia as NH3		0.00040	0.00014	mg/L	UnionizedNH3
Coliform, Fecal		340	10	MPN/100mL	SM 9222D
<b>Total Recoverable</b>					
Arsenic		1.4 I	2.5	ug/L	6020A
Barium		6.0	5.0	ug/L	6020A
Iron		140	100	ug/L	6020A
Vanadium		6.3 I	10	ug/L	6020A

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38931-2</b>		<b>SURFACE SITE 3B2B WACS#837</b>			
Hardness as calcium carbonate		100	3.3	mg/L	SM 2340B
Field pH		7.21		SU	Field Sampling
Field Temperature		12.1		Degrees C	Field Sampling
Oxygen, Dissolved		7.32		mg/L	Field Sampling
Specific Conductance		229		umhos/cm	Field Sampling
Turbidity		25.9		NTU	Field Sampling
Nitrate Nitrite as N		0.17	0.50	mg/L	353.2
Nitrate as N		0.17	0.50	mg/L	353.2
Phosphorus, Total		1.7	0.30	mg/L	365.4
Chemical Oxygen Demand		63	20	mg/L	5220 D
Chlorophyll a		11.1	2.00	mg/m3	SM 10200H
Total Dissolved Solids		130	5.0	mg/L	SM 2540C
Total Suspended Solids		77	1.0	mg/L	SM 2540D
Total Organic Carbon		12	1.0	mg/L	SM 5310C
Nitrogen, Total		1.3	0.050	mg/L	Total Nitrogen
Unionized Ammonia as NH3		0.00043	0.00014	mg/L	UnionizedNH3
Coliform, Fecal		790	10	MPN/100mL	SM 9222D
<b>Total Recoverable</b>					
Barium		37	5.0	ug/L	6020A
Cadmium		0.17	0.50	ug/L	6020A
Chromium		4.0	5.0	ug/L	6020A
Cobalt		0.70	0.50	ug/L	6020A
Copper		2.8	5.0	ug/L	6020A
Iron		2500	100	ug/L	6020A
Lead		1.8	1.5	ug/L	6020A
Vanadium		4.8	10	ug/L	6020A
Zinc		23	20	ug/L	6020A

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38945-1</b>	<b>TH-58 WACS#1571</b>				
Field pH		5.76		SU	Field Sampling
Field Temperature		26.0		Degrees C	Field Sampling
Oxygen, Dissolved		1.20		mg/L	Field Sampling
Specific Conductance		970		umhos/cm	Field Sampling
Turbidity		0.90		NTU	Field Sampling
Chloride		190	5.0	mg/L	300.0
Ammonia as N		0.66	0.020	mg/L	350.1
Total Dissolved Solids		490	5.0	mg/L	SM 2540C
<b><i>Total Recoverable</i></b>					
Arsenic		27	2.5	ug/L	6020A
Barium		33	5.0	ug/L	6020A
Cobalt		0.54	0.50	ug/L	6020A
Iron		4700	100	ug/L	6020A
Sodium		38	0.50	mg/L	6020A
Thallium		0.66	1.0	ug/L	6020A
Vanadium		6.6	10	ug/L	6020A

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38945-2</b>	<b>P-18S</b>				
Mercury		0.13 I	0.20	ug/L	7470A
Field pH		4.56		SU	Field Sampling
Field Temperature		26.4		Degrees C	Field Sampling
Oxygen, Dissolved		0.44		mg/L	Field Sampling
Specific Conductance		94		umhos/cm	Field Sampling
Turbidity		853.50		NTU	Field Sampling
Chloride		12	0.50	mg/L	300.0
Ammonia as N		0.58	0.020	mg/L	350.1
Total Dissolved Solids		110	5.0	mg/L	SM 2540C
<b>Total Recoverable</b>					
Antimony		4.1 I	5.0	ug/L	6020A
Arsenic		7.0	2.5	ug/L	6020A
Barium		400	5.0	ug/L	6020A
Beryllium		2.9	0.50	ug/L	6020A
Cadmium		21	0.50	ug/L	6020A
Chromium		100	5.0	ug/L	6020A
Cobalt		1.4	0.50	ug/L	6020A
Copper		25	5.0	ug/L	6020A
Iron		4500	100	ug/L	6020A
Lead		34	1.5	ug/L	6020A
Nickel		20	5.0	ug/L	6020A
Selenium		11	2.5	ug/L	6020A
Silver		1.0	1.0	ug/L	6020A
Sodium		9.4	0.50	mg/L	6020A
Thallium		1.2	1.0	ug/L	6020A
Vanadium		310	10	ug/L	6020A
Zinc		83	20	ug/L	6020A

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38945-3</b>	<b>TH-28A WACS#19862</b>				
Field pH		5.22		SU	Field Sampling
Field Temperature		25.3		Degrees C	Field Sampling
Oxygen, Dissolved		1.71		mg/L	Field Sampling
Specific Conductance		209		umhos/cm	Field Sampling
Turbidity		25.9		NTU	Field Sampling
Chloride		43	0.50	mg/L	300.0
Ammonia as N		1.4	0.020	mg/L	350.1
Total Dissolved Solids		110	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Arsenic		2.3	2.5	ug/L	6020A
Barium		15	5.0	ug/L	6020A
Chromium		4.6	5.0	ug/L	6020A
Cobalt		0.54	0.50	ug/L	6020A
Iron		2500	100	ug/L	6020A
Lead		1.7	1.5	ug/L	6020A
Nickel		3.6	5.0	ug/L	6020A
Sodium		17	0.50	mg/L	6020A
Vanadium		4.1	10	ug/L	6020A
<b>660-38945-4EB</b>	<b>BLANK, EQUIPMENT 38945</b>				
Ammonia as N		0.027	0.020	mg/L	350.1
<i>Total Recoverable</i>					
Sodium		0.39	0.50	mg/L	6020A
<b>660-38945-5</b>	<b>TH-40 WACS#822</b>				
Field pH		7.61		SU	Field Sampling
Field Temperature		23.3		Degrees C	Field Sampling
Oxygen, Dissolved		1.06		mg/L	Field Sampling
Specific Conductance		348		umhos/cm	Field Sampling
Turbidity		0.30		NTU	Field Sampling
Chloride		8.3	0.50	mg/L	300.0
Ammonia as N		0.31	0.020	mg/L	350.1
Total Dissolved Solids		210	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Barium		7.8	5.0	ug/L	6020A
Iron		41	100	ug/L	6020A
Sodium		20	0.50	mg/L	6020A

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38945-6</b>	<b>TH-57 WACS#1570</b>				
Field pH		5.05		SU	Field Sampling
Field Temperature		26.1		Degrees C	Field Sampling
Oxygen, Dissolved		1.60		mg/L	Field Sampling
Specific Conductance		144		umhos/cm	Field Sampling
Turbidity		0.60		NTU	Field Sampling
Chloride		35	0.50	mg/L	300.0
Ammonia as N		0.79	0.020	mg/L	350.1
Total Dissolved Solids		76	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Barium		7.5	5.0	ug/L	6020A
Iron		320	100	ug/L	6020A
Sodium		13	0.50	mg/L	6020A
<b>660-38945-7</b>	<b>TH-19 WACS#821</b>				
Field pH		7.37		SU	Field Sampling
Field Temperature		23.2		Degrees C	Field Sampling
Oxygen, Dissolved		1.34		mg/L	Field Sampling
Specific Conductance		392		umhos/cm	Field Sampling
Turbidity		0.20		NTU	Field Sampling
Chloride		7.8	0.50	mg/L	300.0
Ammonia as N		0.25	0.020	mg/L	350.1
Total Dissolved Solids		250	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Barium		5.2	5.0	ug/L	6020A
Sodium		14	0.50	mg/L	6020A

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38945-8FD</b>	<b>DUPLICATE 38945</b>				
Mercury		0.20	0.20	ug/L	7470A
Chloride		17	0.50	mg/L	300.0
Ammonia as N		0.25	0.020	mg/L	350.1
Total Dissolved Solids		310	5.0	mg/L	SM 2540C
<b><i>Total Recoverable</i></b>					
Antimony		2.3	5.0	ug/L	6020A
Arsenic		7.7	2.5	ug/L	6020A
Barium		600	5.0	ug/L	6020A
Beryllium		3.3	0.50	ug/L	6020A
Cadmium		8.8	0.50	ug/L	6020A
Chromium		210	5.0	ug/L	6020A
Cobalt		25	0.50	ug/L	6020A
Copper		27	5.0	ug/L	6020A
Iron		23000	100	ug/L	6020A
Lead		67	1.5	ug/L	6020A
Nickel		42	5.0	ug/L	6020A
Selenium		3.3	2.5	ug/L	6020A
Silver		1.3	1.0	ug/L	6020A
Sodium		16	0.50	mg/L	6020A
Thallium		2.0	1.0	ug/L	6020A
Vanadium		150	10	ug/L	6020A
Zinc		170	20	ug/L	6020A

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38945-9</b>	<b>TH-42</b>				
Mercury		0.14 I	0.20	ug/L	7470A
Field pH		7.29		SU	Field Sampling
Field Temperature		23.7		Degrees C	Field Sampling
Oxygen, Dissolved		0.77		mg/L	Field Sampling
Specific Conductance		496		umhos/cm	Field Sampling
Turbidity		796		NTU	Field Sampling
Chloride		17	0.50	mg/L	300.0
Ammonia as N		0.36	0.020	mg/L	350.1
Total Dissolved Solids		320	5.0	mg/L	SM 2540C
<b>Total Recoverable</b>					
Antimony		2.7 I	5.0	ug/L	6020A
Arsenic		8.5	2.5	ug/L	6020A
Barium		630	5.0	ug/L	6020A
Beryllium		3.8	0.50	ug/L	6020A
Cadmium		10	0.50	ug/L	6020A
Chromium		220	5.0	ug/L	6020A
Cobalt		28	0.50	ug/L	6020A
Copper		30	5.0	ug/L	6020A
Iron		25000	100	ug/L	6020A
Lead		74	1.5	ug/L	6020A
Nickel		45	5.0	ug/L	6020A
Selenium		3.5	2.5	ug/L	6020A
Silver		0.61 I	1.0	ug/L	6020A
Sodium		18	0.50	mg/L	6020A
Thallium		2.0	1.0	ug/L	6020A
Vanadium		170	10	ug/L	6020A
Zinc		190	20	ug/L	6020A



## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38955-1</b>	<b>WEEKS</b>				
Field pH		7.05		SU	Field Sampling
Field Temperature		22.8		Degrees C	Field Sampling
Oxygen, Dissolved		1.88		mg/L	Field Sampling
Specific Conductance		465		umhos/cm	Field Sampling
Turbidity		1.02		NTU	Field Sampling
Chloride		36	0.50	mg/L	300.0
Ammonia as N		0.12	0.020	mg/L	350.1
Total Dissolved Solids		300	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Arsenic		5.2	2.5	ug/L	6020A
Barium		4.9	5.0	ug/L	6020A
Iron		710	100	ug/L	6020A
Lead		7.6	1.5	ug/L	6020A
Sodium		8.6	0.50	mg/L	6020A
Zinc		160	20	ug/L	6020A
<b>660-38955-2</b>	<b>SHERRIF 1</b>				
Field pH		7.64		SU	Field Sampling
Field Temperature		25.2		Degrees C	Field Sampling
Oxygen, Dissolved		0.57		mg/L	Field Sampling
Specific Conductance		335		umhos/cm	Field Sampling
Turbidity		0.10		NTU	Field Sampling
Chloride		12	0.50	mg/L	300.0
Ammonia as N		0.15	0.020	mg/L	350.1
Total Dissolved Solids		240	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Barium		37	5.0	ug/L	6020A
Iron		120	100	ug/L	6020A
Sodium		9.5	0.50	mg/L	6020A

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38955-3</b>	<b>SHERRIF 2</b>				
Field pH		7.40		SU	Field Sampling
Field Temperature		24.3		Degrees C	Field Sampling
Oxygen, Dissolved		1.09		mg/L	Field Sampling
Specific Conductance		386		umhos/cm	Field Sampling
Turbidity		0.10		NTU	Field Sampling
Chloride		6.0	0.50	mg/L	300.0
Ammonia as N		0.26	0.020	mg/L	350.1
Total Dissolved Solids		260	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Barium		15	5.0	ug/L	6020A
Sodium		10	0.50	mg/L	6020A
<b>660-38955-4</b>	<b>HOLLAND</b>				
Field pH		7.21		SU	Field Sampling
Field Temperature		24.0		Degrees C	Field Sampling
Oxygen, Dissolved		0.74		mg/L	Field Sampling
Specific Conductance		344		umhos/cm	Field Sampling
Turbidity		0.20		NTU	Field Sampling
Chloride		19	0.50	mg/L	300.0
Ammonia as N		0.076	0.020	mg/L	350.1
Total Dissolved Solids		230	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Barium		4.9	5.0	ug/L	6020A
Copper		2.2	5.0	ug/L	6020A
Iron		1900	100	ug/L	6020A
Nickel		7.4	5.0	ug/L	6020A
Sodium		6.5	0.50	mg/L	6020A
Zinc		22	20	ug/L	6020A

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38931-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38955-5</b>	<b>HOLDREN</b>				
Field pH		7.51		SU	Field Sampling
Field Temperature		23.9		Degrees C	Field Sampling
Oxygen, Dissolved		0.45		mg/L	Field Sampling
Specific Conductance		245		umhos/cm	Field Sampling
Turbidity		0.20		NTU	Field Sampling
Chloride		5.0	0.50	mg/L	300.0
Ammonia as N		0.13	0.020	mg/L	350.1
Total Dissolved Solids		160	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Barium		4.0	5.0	ug/L	6020A
Copper		2.1	5.0	ug/L	6020A
Iron		92	100	ug/L	6020A
Sodium		4.8	0.50	mg/L	6020A
<b>660-38955-6</b>	<b>BARNES</b>				
Field pH		7.46		SU	Field Sampling
Field Temperature		23.0		Degrees C	Field Sampling
Oxygen, Dissolved		3.78		mg/L	Field Sampling
Specific Conductance		318		umhos/cm	Field Sampling
Turbidity		0.40		NTU	Field Sampling
Chloride		7.7	0.50	mg/L	300.0
Ammonia as N		0.12	0.020	mg/L	350.1
Nitrate as N		0.17	0.50	mg/L	353.2
Total Dissolved Solids		220	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Barium		5.2	5.0	ug/L	6020A
Lead		1.2	1.5	ug/L	6020A
Sodium		16	0.50	mg/L	6020A
Zinc		170	20	ug/L	6020A

## METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-38931-1

Description	Lab Location	Method	Preparation Method
<b>Matrix: Water</b>			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
EDB	TAL TAM	EPA 8011	
Microextraction	TAL TAM		SW846 8011
EDB and DBCP in Water by Microextraction	TAL TAM	EPA 8011	
Microextraction	TAL TAM		SW846 8011
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Nitrate	TAL TAM	MCAWW 353.2	
Phosphorus, Total	TAL TAM	EPA 365.4	
Phosphorus, Total	TAL TAM		MCAWW 365.2/365.3/365
BOD-5	TAL TAM	SM20 5210B	
Chemical Oxygen Demand	TAL TAM	SM20 5220 D	
COD	TAL TAM		SM SM 5220
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Solids, Total Suspended (TSS)	TAL TAM	SM SM 2540D	
Nitrogen, Total	TAL TAM	EPA Total Nitrogen	
Ammonia, Unionized	TAL TAM	FL-DEP UnionizedNH3	
Coliforms, Fecal (Membrane Filter)	TAL TAM	SM SM 9222D	
Field Sampling	TAL TAM	EPA Field Sampling	
Chlorophyll-a	TAL ORL	SM SM 10200H	
Metals (ICP/MS)	TAL SAV	SW846 6020A	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
Mercury	TAL SAV	SW846 7470A	
Preparation, Mercury	TAL SAV		SW846 7470A
Total Hardness (as CaCO3) by calculation	TAL SAV	SM SM 2340B	
TOC	TAL TAL	SM SM 5310C	

**Lab References:**

TAL ORL = TestAmerica Orlando

TAL SAV = TestAmerica Savannah

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

## METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-38931-1

<u>Description</u>	<u>Lab Location</u>	<u>Method</u>	<u>Preparation Method</u>
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**Method References:**

EPA = US Environmental Protection Agency

FL-DEP = State Of Florida Department Of Environmental Protection, Florida Administrative Code.

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

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

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

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

## METHOD / ANALYST SUMMARY

Client: Hillsborough County

Job Number: 660-38931-1

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
SW846 8260B	Campbell, Ed	EC
SW846 8260B	Perrin, Todd	TP
EPA 8011	Ballard, James	JB
SW846 6020A	Boyuk, Brian	BB
SW846 7470A	Robertson, Bryn	BR
SM SM 2340B	Eaton, Cliff	CE
EPA Field Sampling	Atkins, Amy	AA
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Steward, Tiffany	TS
MCAWW 350.1	Office, Trey	TO
MCAWW 353.2	Sengsouvana, Dom	DS
EPA 365.4	Office, Trey	TO
SM20 5210B	Sengsouvana, Dom	DS
SM20 5220 D	Mostafavifar, Efe	EM
SM SM 10200H	ANALYST, SUBCONTRACTED	SUB
SM SM 2540C	Oonnoony, Thomas	TO
SM SM 2540D	Oonnoony, Thomas	TO
SM SM 5310C	Kelley, Susan R	SRK
SM SM 9222D	Mostafavifar, Efe	EM
EPA Total Nitrogen	Steward, Tiffany	TS
FL-DEP UnionizedNH3	Mangrum, Lori	LM

## SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-38931-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
660-38931-1	Surface Site 3C2 WACS#838	Water	12/21/2010 1410	12/21/2010 1630
660-38931-2	Surface Site 3B2B WACS#837	Water	12/21/2010 1345	12/21/2010 1630
660-38931-3TB	Trip Blank	Water	12/21/2010 0000	12/21/2010 1630
660-38945-1	TH-58 WACS#1571	Water	12/21/2010 1140	12/21/2010 1630
660-38945-2	P-18S	Water	12/21/2010 1226	12/21/2010 1630
660-38945-3	TH-28A WACS#19862	Water	12/21/2010 1118	12/21/2010 1630
660-38945-4EB	Blank, Equipment 38945	Water	12/21/2010 0955	12/21/2010 1630
660-38945-5	TH-40 WACS#822	Water	12/21/2010 1018	12/21/2010 1630
660-38945-6	TH-57 WACS#1570	Water	12/21/2010 1045	12/21/2010 1630
660-38945-7	TH-19 WACS#821	Water	12/21/2010 1458	12/21/2010 1630
660-38945-8FD	Duplicate 38945	Water	12/21/2010 0000	12/21/2010 1630
660-38945-9	TH-42	Water	12/21/2010 1329	12/21/2010 1630
660-38945-10TB	Travel Blank 38945	Water	12/21/2010 0953	12/21/2010 1630
660-38955-1	Weeks	Water	12/22/2010 0959	12/22/2010 1410
660-38955-2	Sherrif 1	Water	12/22/2010 1039	12/22/2010 1410
660-38955-3	Sherrif 2	Water	12/22/2010 1106	12/22/2010 1410
660-38955-4	Holland	Water	12/22/2010 1141	12/22/2010 1410
660-38955-5	Holdren	Water	12/22/2010 1212	12/22/2010 1410
660-38955-6	Barnes	Water	12/22/2010 1247	12/22/2010 1410
660-38955-7TB	Blank, Travel 38955	Water	12/22/2010 0935	12/22/2010 1410

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Job Number: 660-38931-1

Client Sample ID: Surface Site 3C2 WACS#838  
Lab Sample ID: 660-38931-1

Date Sampled: 12/21/2010 1410  
Date Received: 12/21/2010 1630  
Client Matrix: Water  
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: SM 10200H Chlorophyll a	2.00 U	mg/m3	2.00	1.0

Date Analyzed: 12/23/2010 0950

2.00

2.00

1.0



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Job Number: 660-38931-1

Client Sample ID: Surface Site 3C2 WACS#838  
Lab Sample ID: 660-38931-1

Date Sampled: 12/21/2010 1410  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/23/2010 0015		
<b>Prep Method: 5030B</b>			Date Prepared: 12/23/2010 0015		
Acetone	9.9 U J3	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: 660-38931-1

Client Sample ID: Surface Site 3C2 WACS#838  
Lab Sample ID: 660-38931-1

Date Sampled: 12/21/2010 1410  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5 U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18 U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5 U	ug/L	1.5	10	1.0
Vinyl chloride	0.50 U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50 U	ug/L	0.50	3.0	1.0
Surrogate			Acceptance Limits		
4-Bromofluorobenzene	101	%		70 - 130	
Dibromofluoromethane	97	%		70 - 130	
Toluene-d8 (Surr)	98	%		70 - 130	
Method: 8011			Date Analyzed: 12/23/2010 0118		
Prep Method: 8011			Date Prepared: 12/22/2010 1345		
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	96	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0628		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
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	6.0	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	140	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	6.3 I	ug/L	3.8	10	1.0
Zinc	8.3 U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 12/29/2010 1839		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0
Method: 353.2			Date Analyzed: 12/22/2010 1933		

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Job Number: 660-38931-1

Client Sample ID: Surface Site 3C2 WACS#838  
Lab Sample ID: 660-38931-1

Date Sampled: 12/21/2010 1410  
Date Received: 12/21/2010 1630  
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
<b>Method: 365.4</b>			Date Analyzed: 01/03/2011 1746		
<b>Prep Method: 365.2/365.3/365</b>			Date Prepared: 01/03/2011 1100		
Phosphorus, Total	0.55	mg/L	0.10	0.30	1.0
<b>Method: 5220 D</b>			Date Analyzed: 12/29/2010 1530		
<b>Prep Method: SM 5220</b>			Date Prepared: 12/29/2010 1210		
Chemical Oxygen Demand	36	mg/L	10	20	1.0
<b>Method: SM 5310C</b>			Date Analyzed: 12/30/2010 1620		
Total Organic Carbon	14	mg/L	0.35	1.0	1.0
<b>Method: Total Nitrogen</b>			Date Analyzed: 01/04/2011 1257		
Nitrogen, Total	0.43	mg/L	0.010	0.050	1.0

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Job Number: 660-38931-1

Client Sample ID: Surface Site 3C2 WACS#838  
 Lab Sample ID: 660-38931-1

Date Sampled: 12/21/2010 1410  
 Date Received: 12/21/2010 1630  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/21/2010 1410	
Field pH	6.95	SU			1.0
Field Temperature	12.77	Degrees C			1.0
Oxygen, Dissolved	10.21	mg/L			1.0
Specific Conductance	233	umhos/cm			1.0
Turbidity	1.8	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: Surface Site 3C2 WACS#838  
Lab Sample ID: 660-38931-1

Date Sampled: 12/21/2010 1410  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
<b>Method: SM 2340B</b> Hardness as calcium carbonate	110	mg/L	3.3	3.3	1.0
<b>Method: 5210B</b> Biochemical Oxygen Demand	2.0 U	mg/L	2.0	2.0	1.0
<b>Method: SM 2540C</b> Total Dissolved Solids	150	mg/L	5.0	5.0	1.0
<b>Method: SM 2540D</b> Total Suspended Solids	1.2	mg/L	1.0	1.0	1.0
<b>Method: UnionizedNH3</b> Unionized Ammonia as NH3	0.00040	mg/L	0.00014	0.00014	1.0
<b>Method: SM 9222D</b> Coliform, Fecal	340	MPN/100mL	10	10	10

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Job Number: 660-38931-1

Client Sample ID: Surface Site 3B2B WACS#837  
Lab Sample ID: 660-38931-2

Date Sampled: 12/21/2010 1345  
Date Received: 12/21/2010 1630  
Client Matrix: Water  
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: SM 10200H Chlorophyll a	11.1	mg/m3	2.00	1.0

Date Analyzed: 12/23/2010 0947

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Job Number: 660-38931-1

Client Sample ID: Surface Site 3B2B WACS#837  
Lab Sample ID: 660-38931-2

Date Sampled: 12/21/2010 1345  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/23/2010 0036		
<b>Prep Method: 5030B</b>			Date Prepared: 12/23/2010 0036		
Acetone	9.9 U J3	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: 660-38931-1

Client Sample ID: Surface Site 3B2B WACS#837  
Lab Sample ID: 660-38931-2

Date Sampled: 12/21/2010 1345  
Date Received: 12/21/2010 1630  
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	97	%		70 - 130	
Dibromofluoromethane	100	%		70 - 130	
Toluene-d8 (Surr)	98	%		70 - 130	
Method: 8011			Date Analyzed: 12/23/2010 0138		
Prep Method: 8011			Date Prepared: 12/22/2010 1345		
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	89	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0705		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
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	37	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	4.0 I	ug/L	2.5	5.0	1.0
Cobalt	0.70	ug/L	0.15	0.50	1.0
Copper	2.8 I	ug/L	1.1	5.0	1.0
Iron	2500	ug/L	33	100	1.0
Lead	1.8	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	23	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 12/29/2010 1844		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0
Method: 353.2			Date Analyzed: 12/22/2010 1933		



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Job Number: 660-38931-1

Client Sample ID: Surface Site 3B2B WACS#837  
Lab Sample ID: 660-38931-2

Date Sampled: 12/21/2010 1345  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Nitrate Nitrite as N	0.17 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	0.17 I	mg/L	0.10	0.50	1.0
<b>Method: 365.4</b>			Date Analyzed: 01/03/2011 1746		
<b>Prep Method: 365.2/365.3/365</b>			Date Prepared: 01/03/2011 1100		
Phosphorus, Total	1.7	mg/L	0.10	0.30	1.0
<b>Method: 5220 D</b>			Date Analyzed: 12/29/2010 1530		
<b>Prep Method: SM 5220</b>			Date Prepared: 12/29/2010 1210		
Chemical Oxygen Demand	63	mg/L	10	20	1.0
<b>Method: SM 5310C</b>			Date Analyzed: 12/30/2010 1631		
Total Organic Carbon	12	mg/L	0.35	1.0	1.0
<b>Method: Total Nitrogen</b>			Date Analyzed: 01/04/2011 1257		
Nitrogen, Total	1.3	mg/L	0.010	0.050	1.0

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Job Number: 660-38931-1

Client Sample ID: Surface Site 3B2B WACS#837  
Lab Sample ID: 660-38931-2

Date Sampled: 12/21/2010 1345  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	12/21/2010 1345	
Field pH	7.21	SU			1.0
Field Temperature	12.1	Degrees C			1.0
Oxygen, Dissolved	7.32	mg/L			1.0
Specific Conductance	229	umhos/cm			1.0
Turbidity	25.9	NTU			1.0

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Client Sample ID: Surface Site 3B2B WACS#837  
Lab Sample ID: 660-38931-2

Date Sampled: 12/21/2010 1345  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
<b>Method: SM 2340B</b> Hardness as calcium carbonate	100	mg/L	3.3	3.3	1.0
<b>Method: 5210B</b> Biochemical Oxygen Demand	2.0 U	mg/L	2.0	2.0	1.0
<b>Method: SM 2540C</b> Total Dissolved Solids	130	mg/L	5.0	5.0	1.0
<b>Method: SM 2540D</b> Total Suspended Solids	77	mg/L	1.0	1.0	1.0
<b>Method: UnionizedNH3</b> Unionized Ammonia as NH3	0.00043	mg/L	0.00014	0.00014	1.0
<b>Method: SM 9222D</b> Coliform, Fecal	790	MPN/100mL	10	10	10

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Job Number: 660-38931-1

Client Sample ID: Trip Blank  
Lab Sample ID: 660-38931-3

Date Sampled: 12/21/2010 0000  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/22/2010 2355		
<b>Prep Method: 5030B</b>			Date Prepared: 12/22/2010 2355		
Acetone	9.9 U J3	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: 660-38931-1

Client Sample ID: Trip Blank  
 Lab Sample ID: 660-38931-3

Date Sampled: 12/21/2010 0000  
 Date Received: 12/21/2010 1630  
 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	97	%		70 - 130	
Dibromofluoromethane	96	%		70 - 130	
Toluene-d8 (Surr)	98	%		70 - 130	

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Job Number: 660-38931-1

Client Sample ID: TH-58 WACS#1571  
Lab Sample ID: 660-38945-1

Date Sampled: 12/21/2010 1140  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/24/2010 0945		
<b>Prep Method: 5030B</b>			Date Prepared: 12/24/2010 0945		
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 J3	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-58 WACS#1571  
Lab Sample ID: 660-38945-1

Date Sampled: 12/21/2010 1140  
Date Received: 12/21/2010 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	108	%		70 - 130	
Dibromofluoromethane	109	%		70 - 130	
Toluene-d8 (Surr)	105	%		70 - 130	
Method: 8011			Date Analyzed: 12/22/2010 2111		
Prep Method: 8011			Date Prepared: 12/22/2010 1345		
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	78	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0727		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
Antimony	2.3 U	ug/L	2.3	5.0	1.0
Arsenic	27	ug/L	1.3	2.5	1.0
Barium	33	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	0.54	ug/L	0.15	0.50	1.0
Copper	1.1 U	ug/L	1.1	5.0	1.0
Iron	4700	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	38	mg/L	0.25	0.50	1.0
Thallium	0.66 I	ug/L	0.50	1.0	1.0
Vanadium	6.6 I	ug/L	3.8	10	1.0
Zinc	8.3 U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 12/29/2010 1848		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-58 WACS#1571  
Lab Sample ID: 660-38945-1

Date Sampled: 12/21/2010 1140  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Run Type: DL Chloride	190	mg/L	2.0	5.0	10
Method: 350.1 Ammonia as N	0.66	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: 660-38931-1

Client Sample ID: TH-58 WACS#1571  
 Lab Sample ID: 660-38945-1

Date Sampled: 12/21/2010 1140  
 Date Received: 12/21/2010 1630  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/21/2010 1140	
Field pH	5.76	SU			1.0
Field Temperature	26.0	Degrees C			1.0
Oxygen, Dissolved	1.20	mg/L			1.0
Specific Conductance	970	umhos/cm			1.0
Turbidity	0.90	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: TH-58 WACS#1571  
Lab Sample ID: 660-38945-1

Date Sampled: 12/21/2010 1140  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 12/28/2010 1124		
Total Dissolved Solids	490	mg/L	5.0	5.0	1.0

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

Job Number: 660-38931-1

Client Sample ID: P-18S  
Lab Sample ID: 660-38945-2

Date Sampled: 12/21/2010 1226  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/24/2010 1005		
<b>Prep Method: 5030B</b>			Date Prepared: 12/24/2010 1005		
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 J3	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0

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Job Number: 660-38931-1

Client Sample ID: P-18S  
Lab Sample ID: 660-38945-2

Date Sampled: 12/21/2010 1226  
Date Received: 12/21/2010 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	108	%		70 - 130	
Dibromofluoromethane	113	%		70 - 130	
Toluene-d8 (Surr)	109	%		70 - 130	
<b>Method: 8011</b>			Date Analyzed:	12/22/2010 2132	
<b>Prep Method: 8011</b>			Date Prepared:	12/22/2010 1345	
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	72	%		60 - 140	
<b>Method: Total Recoverable-6020A</b>			Date Analyzed:	01/05/2011 0734	
<b>Prep Method: 3005A</b>			Date Prepared:	01/03/2011 1117	
Antimony	4.1 I	ug/L	2.3	5.0	1.0
Arsenic	7.0	ug/L	1.3	2.5	1.0
Barium	400	ug/L	1.3	5.0	1.0
Beryllium	2.9	ug/L	0.25	0.50	1.0
Cadmium	21	ug/L	0.095	0.50	1.0
Chromium	100	ug/L	2.5	5.0	1.0
Cobalt	1.4	ug/L	0.15	0.50	1.0
Copper	25	ug/L	1.1	5.0	1.0
Iron	4500	ug/L	33	100	1.0
Lead	34	ug/L	0.20	1.5	1.0
Nickel	20	ug/L	2.0	5.0	1.0
Selenium	11	ug/L	1.0	2.5	1.0
Silver	1.0	ug/L	0.25	1.0	1.0
Sodium	9.4	mg/L	0.25	0.50	1.0
Thallium	1.2	ug/L	0.50	1.0	1.0
Vanadium	310	ug/L	3.8	10	1.0
Zinc	83	ug/L	8.3	20	1.0
<b>Method: 7470A</b>			Date Analyzed:	12/29/2010 1853	
<b>Prep Method: 7470A</b>			Date Prepared:	12/29/2010 1111	
Mercury	0.13 I	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: P-18S  
Lab Sample ID: 660-38945-2

Date Sampled: 12/21/2010 1226  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	12	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.58	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: 660-38931-1

Client Sample ID: P-18S  
Lab Sample ID: 660-38945-2

Date Sampled: 12/21/2010 1226  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/21/2010 1226	
Field pH	4.56	SU			1.0
Field Temperature	26.4	Degrees C			1.0
Oxygen, Dissolved	0.44	mg/L			1.0
Specific Conductance	94	umhos/cm			1.0
Turbidity	853.50	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: P-18S  
Lab Sample ID: 660-38945-2

Date Sampled: 12/21/2010 1226  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	12/28/2010 1125	
Total Dissolved Solids	110	mg/L	5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-28A WACS#19862  
Lab Sample ID: 660-38945-3

Date Sampled: 12/21/2010 1118  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/24/2010 1208		
<b>Prep Method: 5030B</b>			Date Prepared: 12/24/2010 1208		
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 J3	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0



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Job Number: 660-38931-1

Client Sample ID: TH-28A WACS#19862  
Lab Sample ID: 660-38945-3

Date Sampled: 12/21/2010 1118  
Date Received: 12/21/2010 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	110	%		70 - 130	
Dibromofluoromethane	104	%		70 - 130	
Toluene-d8 (Surr)	106	%		70 - 130	
<b>Method: 8011</b>			Date Analyzed: 12/22/2010 2152		
<b>Prep Method: 8011</b>			Date Prepared: 12/22/2010 1345		
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	83	%		60 - 140	
<b>Method: Total Recoverable-6020A</b>			Date Analyzed: 01/05/2011 0741		
<b>Prep Method: 3005A</b>			Date Prepared: 01/03/2011 1117		
Antimony	2.3 U	ug/L	2.3	5.0	1.0
Arsenic	2.3 I	ug/L	1.3	2.5	1.0
Barium	15	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	0.54	ug/L	0.15	0.50	1.0
Copper	1.1 U	ug/L	1.1	5.0	1.0
Iron	2500	ug/L	33	100	1.0
Lead	1.7	ug/L	0.20	1.5	1.0
Nickel	3.6 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	17	mg/L	0.25	0.50	1.0
Thallium	0.50 U	ug/L	0.50	1.0	1.0
Vanadium	4.1 I	ug/L	3.8	10	1.0
Zinc	8.3 U	ug/L	8.3	20	1.0
<b>Method: 7470A</b>			Date Analyzed: 12/29/2010 1858		
<b>Prep Method: 7470A</b>			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-28A WACS#19862  
Lab Sample ID: 660-38945-3

Date Sampled: 12/21/2010 1118  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	43	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	1.4	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: 660-38931-1

Client Sample ID: TH-28A WACS#19862  
Lab Sample ID: 660-38945-3

Date Sampled: 12/21/2010 1118  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/21/2010 1118	
Field pH	5.22	SU			1.0
Field Temperature	25.3	Degrees C			1.0
Oxygen, Dissolved	1.71	mg/L			1.0
Specific Conductance	209	umhos/cm			1.0
Turbidity	25.9	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: TH-28A WACS#19862  
Lab Sample ID: 660-38945-3

Date Sampled: 12/21/2010 1118  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	12/28/2010 1125	
Total Dissolved Solids	110	mg/L	5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: Blank, Equipment 38945  
Lab Sample ID: 660-38945-4

Date Sampled: 12/21/2010 0955  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/24/2010 1127		
<b>Prep Method: 5030B</b>			Date Prepared: 12/24/2010 1127		
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 J3	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0

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Job Number: 660-38931-1

Client Sample ID: Blank, Equipment 38945  
Lab Sample ID: 660-38945-4

Date Sampled: 12/21/2010 0955  
Date Received: 12/21/2010 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	109	%	70 - 130		
Dibromofluoromethane	111	%	70 - 130		
Toluene-d8 (Surr)	108	%	70 - 130		
Method: 8011			Date Analyzed: 12/22/2010 2213		
Prep Method: 8011			Date Prepared: 12/22/2010 1345		
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	90	%	60 - 140		
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0748		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
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	0.39 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: 12/29/2010 1902		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: Blank, Equipment 38945  
 Lab Sample ID: 660-38945-4

Date Sampled: 12/21/2010 0955  
 Date Received: 12/21/2010 1630  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	0.20 U	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.027	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: 660-38931-1

Client Sample ID: Blank, Equipment 38945  
Lab Sample ID: 660-38945-4

Date Sampled: 12/21/2010 0955  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 12/28/2010 1126		
Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0



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Job Number: 660-38931-1

Client Sample ID: TH-40 WACS#822  
Lab Sample ID: 660-38945-5

Date Sampled: 12/21/2010 1018  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			<b>Date Analyzed: 12/24/2010 1229</b>		
<b>Prep Method: 5030B</b>			<b>Date Prepared: 12/24/2010 1229</b>		
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	1.44 U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52 U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4 U J3	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-40 WACS#822  
Lab Sample ID: 660-38945-5

Date Sampled: 12/21/2010 1018  
Date Received: 12/21/2010 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	108	%		70 - 130	
Dibromofluoromethane	101	%		70 - 130	
Toluene-d8 (Surr)	106	%		70 - 130	
Method: 8011			Date Analyzed: 12/22/2010 2234		
Prep Method: 8011			Date Prepared: 12/22/2010 1345		
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	90	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0756		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
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	7.8	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	41 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	20	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: 12/29/2010 1907		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-40 WACS#822  
 Lab Sample ID: 660-38945-5

Date Sampled: 12/21/2010 1018  
 Date Received: 12/21/2010 1630  
 Client Matrix: Water

Analyte	Result/Qualfler	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	8.3	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.31	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: 660-38931-1

Client Sample ID: TH-40 WACS#822  
Lab Sample ID: 660-38945-5

Date Sampled: 12/21/2010 1018  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/21/2010 1018	
Field pH	7.61	SU			1.0
Field Temperature	23.3	Degrees C			1.0
Oxygen, Dissolved	1.06	mg/L			1.0
Specific Conductance	348	umhos/cm			1.0
Turbidity	0.30	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: TH-40 WACS#822  
Lab Sample ID: 660-38945-5

Date Sampled: 12/21/2010 1018  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	12/28/2010 1126	
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-57 WACS#1570  
Lab Sample ID: 660-38945-6

Date Sampled: 12/21/2010 1045  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			<b>Date Analyzed: 12/24/2010 1249</b>		
<b>Prep Method: 5030B</b>			<b>Date Prepared: 12/24/2010 1249</b>		
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 J3	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,1,2,2-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: 660-38931-1

Client Sample ID: TH-57 WACS#1570  
Lab Sample ID: 660-38945-6

Date Sampled: 12/21/2010 1045  
Date Received: 12/21/2010 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	109	%		70 - 130	
Dibromofluoromethane	97	%		70 - 130	
Toluene-d8 (Surr)	105	%		70 - 130	
Method: 8011			Date Analyzed: 12/22/2010 2254		
Prep Method: 8011			Date Prepared: 12/22/2010 1345		
1,2-Dibromo-3-Chloropropane	0.0096 U	ug/L	0.0096	0.019	1.0
Ethylene Dibromide	0.0096 U	ug/L	0.0096	0.019	1.0
Surrogate				Acceptance Limits	
1,1,1,2-Tetrachloroethane	91	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0803		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
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	7.5	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	320	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	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: 12/29/2010 1911		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-57 WACS#1570  
 Lab Sample ID: 660-38945-6

Date Sampled: 12/21/2010 1045  
 Date Received: 12/21/2010 1630  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	35	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.79	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: 660-38931-1

Client Sample ID: TH-57 WACS#1570  
 Lab Sample ID: 660-38945-6

Date Sampled: 12/21/2010 1045  
 Date Received: 12/21/2010 1630  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/21/2010 1045	
Field pH	5.05	SU			1.0
Field Temperature	26.1	Degrees C			1.0
Oxygen, Dissolved	1.60	mg/L			1.0
Specific Conductance	144	umhos/cm			1.0
Turbidity	0.60	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: TH-57 WACS#1570  
Lab Sample ID: 660-38945-6

Date Sampled: 12/21/2010 1045  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	12/28/2010 1127	
Total Dissolved Solids	76	mg/L	5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-19 WACS#821  
Lab Sample ID: 660-38945-7

Date Sampled: 12/21/2010 1458  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			<b>Date Analyzed: 12/24/2010 1309</b>		
<b>Prep Method: 5030B</b>			<b>Date Prepared: 12/24/2010 1309</b>		
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	1.44 U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	1.52 U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4 U J3	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,1,2,2-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: 660-38931-1

Client Sample ID: TH-19 WACS#821  
Lab Sample ID: 660-38945-7

Date Sampled: 12/21/2010 1458  
Date Received: 12/21/2010 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	110	%		70 - 130	
Dibromofluoromethane	102	%		70 - 130	
Toluene-d8 (Surr)	104	%		70 - 130	
Method: 8011			Date Analyzed: 12/22/2010 2314		
Prep Method: 8011			Date Prepared: 12/22/2010 1345		
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	90	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0810		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
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	5.2	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	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: 12/29/2010 1925		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-19 WACS#821  
Lab Sample ID: 660-38945-7

Date Sampled: 12/21/2010 1458  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	7.8	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.25	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: 660-38931-1

Client Sample ID: TH-19 WACS#821  
 Lab Sample ID: 660-38945-7

Date Sampled: 12/21/2010 1458  
 Date Received: 12/21/2010 1630  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>		Date Analyzed: 12/21/2010 1458			
Field pH	7.37	SU			1.0
Field Temperature	23.2	Degrees C			1.0
Oxygen, Dissolved	1.34	mg/L			1.0
Specific Conductance	392	umhos/cm			1.0
Turbidity	0.20	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: TH-19 WACS#821  
Lab Sample ID: 660-38945-7

Date Sampled: 12/21/2010 1458  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	12/28/2010 1127	
Total Dissolved Solids	250	mg/L	5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: Duplicate 38945  
Lab Sample ID: 660-38945-8

Date Sampled: 12/21/2010 0000  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			<b>Date Analyzed: 12/24/2010 1330</b>		
<b>Prep Method: 5030B</b>			<b>Date Prepared: 12/24/2010 1330</b>		
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 J3	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0



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Job Number: 660-38931-1

Client Sample ID: Duplicate 38945  
Lab Sample ID: 660-38945-8

Date Sampled: 12/21/2010 0000  
Date Received: 12/21/2010 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	107	%		70 - 130	
Dibromofluoromethane	109	%		70 - 130	
Toluene-d8 (Surr)	107	%		70 - 130	
Method: 8011			Date Analyzed: 12/22/2010 2335		
Prep Method: 8011			Date Prepared: 12/22/2010 1345		
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	101	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0818		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
Antimony	2.3 I	ug/L	2.3	5.0	1.0
Arsenic	7.7	ug/L	1.3	2.5	1.0
Barium	600	ug/L	1.3	5.0	1.0
Beryllium	3.3	ug/L	0.25	0.50	1.0
Cadmium	8.8	ug/L	0.095	0.50	1.0
Chromium	210	ug/L	2.5	5.0	1.0
Cobalt	25	ug/L	0.15	0.50	1.0
Copper	27	ug/L	1.1	5.0	1.0
Iron	23000	ug/L	33	100	1.0
Lead	67	ug/L	0.20	1.5	1.0
Nickel	42	ug/L	2.0	5.0	1.0
Selenium	3.3	ug/L	1.0	2.5	1.0
Silver	1.3	ug/L	0.25	1.0	1.0
Sodium	16	mg/L	0.25	0.50	1.0
Thallium	2.0	ug/L	0.50	1.0	1.0
Vanadium	150	ug/L	3.8	10	1.0
Zinc	170	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 12/29/2010 1930		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.20	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: Duplicate 38945  
 Lab Sample ID: 660-38945-8

Date Sampled: 12/21/2010 0000  
 Date Received: 12/21/2010 1630  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	17	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.25	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: 660-38931-1

Client Sample ID: Duplicate 38945  
Lab Sample ID: 660-38945-8

Date Sampled: 12/21/2010 0000  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	12/28/2010 1449	
Total Dissolved Solids	310	mg/L	5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-42  
Lab Sample ID: 660-38945-9

Date Sampled: 12/21/2010 1329  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/24/2010 1350		
<b>Prep Method: 5030B</b>			Date Prepared: 12/24/2010 1350		
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
Bromofom	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 J3	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-42  
Lab Sample ID: 660-38945-9

Date Sampled: 12/21/2010 1329  
Date Received: 12/21/2010 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	110	%		70 - 130	
Dibromofluoromethane	116	%		70 - 130	
Toluene-d8 (Surr)	110	%		70 - 130	
Method: 8011			Date Analyzed: 12/23/2010 0037		
Prep Method: 8011			Date Prepared: 12/22/2010 1345		
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	90	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0825		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
Antimony	2.7 I	ug/L	2.3	5.0	1.0
Arsenic	8.5	ug/L	1.3	2.5	1.0
Barium	630	ug/L	1.3	5.0	1.0
Beryllium	3.8	ug/L	0.25	0.50	1.0
Cadmium	10	ug/L	0.095	0.50	1.0
Chromium	220	ug/L	2.5	5.0	1.0
Cobalt	28	ug/L	0.15	0.50	1.0
Copper	30	ug/L	1.1	5.0	1.0
Iron	25000	ug/L	33	100	1.0
Lead	74	ug/L	0.20	1.5	1.0
Nickel	45	ug/L	2.0	5.0	1.0
Selenium	3.5	ug/L	1.0	2.5	1.0
Silver	0.61 I	ug/L	0.25	1.0	1.0
Sodium	18	mg/L	0.25	0.50	1.0
Thallium	2.0	ug/L	0.50	1.0	1.0
Vanadium	170	ug/L	3.8	10	1.0
Zinc	190	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 12/29/2010 1935		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.14 I	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: TH-42  
 Lab Sample ID: 660-38945-9

Date Sampled: 12/21/2010 1329  
 Date Received: 12/21/2010 1630  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	17	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.36	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: 660-38931-1

Client Sample ID: TH-42  
Lab Sample ID: 660-38945-9

Date Sampled: 12/21/2010 1329  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/21/2010 1329	
Field pH	7.29	SU			1.0
Field Temperature	23.7	Degrees C			1.0
Oxygen, Dissolved	0.77	mg/L			1.0
Specific Conductance	496	umhos/cm			1.0
Turbidity	796	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: TH-42  
Lab Sample ID: 660-38945-9

Date Sampled: 12/21/2010 1329  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 12/28/2010 1450		
Total Dissolved Solids	320	mg/L	5.0	5.0	1.0



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Job Number: 660-38931-1

Client Sample ID: Travel Blank 38945  
Lab Sample ID: 660-38945-10

Date Sampled: 12/21/2010 0953  
Date Received: 12/21/2010 1630  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/24/2010 1148		
<b>Prep Method: 5030B</b>			Date Prepared: 12/24/2010 1148		
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	1.44 U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52 U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4 U J3	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,1,2,2-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: 660-38931-1

Client Sample ID: Travel Blank 38945  
Lab Sample ID: 660-38945-10

Date Sampled: 12/21/2010 0953  
Date Received: 12/21/2010 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	108	%		70 - 130	
Dibromofluoromethane	109	%		70 - 130	
Toluene-d8 (Surr)	107	%		70 - 130	

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Job Number: 660-38931-1

Client Sample ID: Weeks  
Lab Sample ID: 660-38955-1

Date Sampled: 12/22/2010 0959  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/22/2010 1949		
<b>Prep Method: 5030B</b>			Date Prepared: 12/22/2010 1949		
Acetone	9.9 U J3	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: 660-38931-1

Client Sample ID: Weeks  
Lab Sample ID: 660-38955-1

Date Sampled: 12/22/2010 0959  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5 U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90 U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18 U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5 U	ug/L	1.5	10	1.0
Vinyl chloride	0.50 U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50 U	ug/L	0.50	3.0	1.0
Surrogate				Acceptance Limits	
4-Bromofluorobenzene	100	%		70 - 130	
Dibromofluoromethane	98	%		70 - 130	
Toluene-d8 (Surr)	98	%		70 - 130	
Method: 8011			Date Analyzed: 12/23/2010 2132		
Prep Method: 8011			Date Prepared: 12/23/2010 1458		
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	85	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0832		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
Antimony	2.3 U	ug/L	2.3	5.0	1.0
Arsenic	5.2	ug/L	1.3	2.5	1.0
Barium	4.9 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	710	ug/L	33	100	1.0
Lead	7.6	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	8.6	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	160	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 12/29/2010 1939		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: Weeks  
 Lab Sample ID: 660-38955-1

Date Sampled: 12/22/2010 0959  
 Date Received: 12/22/2010 1410  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	36	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.12	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: 660-38931-1

Client Sample ID: Weeks  
Lab Sample ID: 660-38955-1

Date Sampled: 12/22/2010 0959  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	12/22/2010 0959	
Field pH	7.05	SU			1.0
Field Temperature	22.8	Degrees C			1.0
Oxygen, Dissolved	1.88	mg/L			1.0
Specific Conductance	465	umhos/cm			1.0
Turbidity	1.02	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: Weeks  
Lab Sample ID: 660-38955-1

Date Sampled: 12/22/2010 0959  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	12/28/2010 1452	
Total Dissolved Solids	300	mg/L	5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: Sherrif 1  
Lab Sample ID: 660-38955-2

Date Sampled: 12/22/2010 1039  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/22/2010 2030		
<b>Prep Method: 5030B</b>			Date Prepared: 12/22/2010 2030		
Acetone	9.9 U J3	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: 660-38931-1

Client Sample ID: Sherrif 1  
Lab Sample ID: 660-38955-2

Date Sampled: 12/22/2010 1039  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5 U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90 U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18 U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5 U	ug/L	1.5	10	1.0
Vinyl chloride	0.50 U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50 U	ug/L	0.50	3.0	1.0
Surrogate				Acceptance Limits	
4-Bromofluorobenzene	100	%		70 - 130	
Dibromofluoromethane	100	%		70 - 130	
Toluene-d8 (Surr)	100	%		70 - 130	
Method: 8011			Date Analyzed: 12/23/2010 2213		
Prep Method: 8011			Date Prepared: 12/23/2010 1458		
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	79	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0854		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
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	37	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	120	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	9.5	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	8.3 U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 12/29/2010 1948		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: Sherrif 1  
 Lab Sample ID: 660-38955-2

Date Sampled: 12/22/2010 1039  
 Date Received: 12/22/2010 1410  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	12	mg/L	0.20	0.50	1.0
			Date Analyzed: 01/03/2011 2035		
Method: 350.1 Ammonia as N	0.15	mg/L	0.010	0.020	1.0
			Date Analyzed: 01/03/2011 1512		
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0
			Date Analyzed: 12/22/2010 1904		

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Job Number: 660-38931-1

Client Sample ID: Sherrif 1  
Lab Sample ID: 660-38955-2

Date Sampled: 12/22/2010 1039  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	12/22/2010 1039	
Field pH	7.64	SU			1.0
Field Temperature	25.2	Degrees C			1.0
Oxygen, Dissolved	0.57	mg/L			1.0
Specific Conductance	335	umhos/cm			1.0
Turbidity	0.10	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: Sherrif 1  
Lab Sample ID: 660-38955-2

Date Sampled: 12/22/2010 1039  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	12/28/2010 1453	
Total Dissolved Solids	240	mg/L	5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: Sherrif 2  
Lab Sample ID: 660-38955-3

Date Sampled: 12/22/2010 1106  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/22/2010 2050		
<b>Prep Method: 5030B</b>			Date Prepared: 12/22/2010 2050		
Acetone	9.9 U J3	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: 660-38931-1

Client Sample ID: Sherrif 2  
Lab Sample ID: 660-38955-3

Date Sampled: 12/22/2010 1106  
Date Received: 12/22/2010 1410  
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	99	%		70 - 130	
Dibromofluoromethane	99	%		70 - 130	
Toluene-d8 (Surr)	98	%		70 - 130	
Method: 8011			Date Analyzed: 12/23/2010 2234		
Prep Method: 8011			Date Prepared: 12/23/2010 1458		
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	85	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0902		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
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	15	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	10	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: 12/29/2010 1944		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: Sherrif 2  
 Lab Sample ID: 660-38955-3

Date Sampled: 12/22/2010 1106  
 Date Received: 12/22/2010 1410  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	6.0	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.26	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: 660-38931-1

Client Sample ID: Sherrif 2  
Lab Sample ID: 660-38955-3

Date Sampled: 12/22/2010 1106  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/22/2010 1106	
Field pH	7.40	SU			1.0
Field Temperature	24.3	Degrees C			1.0
Oxygen, Dissolved	1.09	mg/L			1.0
Specific Conductance	386	umhos/cm			1.0
Turbidity	0.10	NTU			1.0



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Job Number: 660-38931-1

Client Sample ID: Sherrif 2  
Lab Sample ID: 660-38955-3

Date Sampled: 12/22/2010 1106  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	260	mg/L	Date Analyzed: 12/28/2010 1454 5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: Holland  
Lab Sample ID: 660-38955-4

Date Sampled: 12/22/2010 1141  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			<b>Date Analyzed: 12/22/2010 2111</b>		
<b>Prep Method: 5030B</b>			<b>Date Prepared: 12/22/2010 2111</b>		
Acetone	9.9 U J3	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: 660-38931-1

Client Sample ID: Holland  
Lab Sample ID: 660-38955-4

Date Sampled: 12/22/2010 1141  
Date Received: 12/22/2010 1410  
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
<b>Surrogate</b>			<b>Acceptance Limits</b>		
4-Bromofluorobenzene	99	%	70 - 130		
Dibromofluoromethane	98	%	70 - 130		
Toluene-d8 (Surr)	96	%	70 - 130		
<b>Method: 8011</b>			<b>Date Analyzed: 12/23/2010 2255</b>		
<b>Prep Method: 8011</b>			<b>Date Prepared: 12/23/2010 1458</b>		
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
<b>Surrogate</b>			<b>Acceptance Limits</b>		
1,1,1,2-Tetrachloroethane	72	%	60 - 140		
<b>Method: Total Recoverable-6020A</b>			<b>Date Analyzed: 01/05/2011 0909</b>		
<b>Prep Method: 3005A</b>			<b>Date Prepared: 01/03/2011 1117</b>		
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	4.9 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	2.2 I	ug/L	1.1	5.0	1.0
Iron	1900	ug/L	33	100	1.0
Lead	0.20 U	ug/L	0.20	1.5	1.0
Nickel	7.4	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	6.5	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	22	ug/L	8.3	20	1.0
<b>Method: 7470A</b>			<b>Date Analyzed: 12/29/2010 1953</b>		
<b>Prep Method: 7470A</b>			<b>Date Prepared: 12/29/2010 1111</b>		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: Holland  
 Lab Sample ID: 660-38955-4

Date Sampled: 12/22/2010 1141  
 Date Received: 12/22/2010 1410  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	19	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.076	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: 660-38931-1

Client Sample ID: Holland  
 Lab Sample ID: 660-38955-4

Date Sampled: 12/22/2010 1141  
 Date Received: 12/22/2010 1410  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>		Date Analyzed: 12/22/2010 1141			
Field pH	7.21	SU			1.0
Field Temperature	24.0	Degrees C			1.0
Oxygen, Dissolved	0.74	mg/L			1.0
Specific Conductance	344	umhos/cm			1.0
Turbidity	0.20	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: Holland  
Lab Sample ID: 660-38955-4

Date Sampled: 12/22/2010 1141  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	12/28/2010 1455	
Total Dissolved Solids	230	mg/L	5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: Holdren  
Lab Sample ID: 660-38955-5

Date Sampled: 12/22/2010 1212  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/22/2010 2131		
<b>Prep Method: 5030B</b>			Date Prepared: 12/22/2010 2131		
Acetone	9.9 U J3	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: 660-38931-1

Client Sample ID: Holdren  
Lab Sample ID: 660-38955-5

Date Sampled: 12/22/2010 1212  
Date Received: 12/22/2010 1410  
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
<b>Surrogate</b>			<b>Acceptance Limits</b>		
4-Bromofluorobenzene	98	%		70 - 130	
Dibromofluoromethane	99	%		70 - 130	
Toluene-d8 (Surr)	97	%		70 - 130	
<b>Method: 8011</b>			<b>Date Analyzed: 12/23/2010 2316</b>		
<b>Prep Method: 8011</b>			<b>Date Prepared: 12/23/2010 1458</b>		
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
<b>Surrogate</b>			<b>Acceptance Limits</b>		
1,1,1,2-Tetrachloroethane	97	%		60 - 140	
<b>Method: Total Recoverable-6020A</b>			<b>Date Analyzed: 01/05/2011 0916</b>		
<b>Prep Method: 3005A</b>			<b>Date Prepared: 01/03/2011 1117</b>		
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	4.0 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	2.1 I	ug/L	1.1	5.0	1.0
Iron	92 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	4.8	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
<b>Method: 7470A</b>			<b>Date Analyzed: 12/29/2010 1957</b>		
<b>Prep Method: 7470A</b>			<b>Date Prepared: 12/29/2010 1111</b>		
Mercury	0.091 U	ug/L	0.091	0.20	1.0



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Job Number: 660-38931-1

Client Sample ID: Holdren  
 Lab Sample ID: 660-38955-5

Date Sampled: 12/22/2010 1212  
 Date Received: 12/22/2010 1410  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	5.0	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.13	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: 660-38931-1

Client Sample ID: Holdren  
Lab Sample ID: 660-38955-5

Date Sampled: 12/22/2010 1212  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/22/2010 1212	
Field pH	7.51	SU			1.0
Field Temperature	23.9	Degrees C			1.0
Oxygen, Dissolved	0.45	mg/L			1.0
Specific Conductance	245	umhos/cm			1.0
Turbidity	0.20	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: Holdren  
Lab Sample ID: 660-38955-5

Date Sampled: 12/22/2010 1212  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	12/28/2010 1455	
Total Dissolved Solids	160	mg/L	5.0	5.0	1.0

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Job Number: 660-38931-1

Client Sample ID: Barnes  
Lab Sample ID: 660-38955-6

Date Sampled: 12/22/2010 1247  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			Date Analyzed: 12/22/2010 2152		
<b>Prep Method: 5030B</b>			Date Prepared: 12/22/2010 2152		
Acetone	9.9 U J3	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: 660-38931-1

Client Sample ID: Barnes  
Lab Sample ID: 660-38955-6

Date Sampled: 12/22/2010 1247  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5 U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90 U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18 U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5 U	ug/L	1.5	10	1.0
Vinyl chloride	0.50 U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50 U	ug/L	0.50	3.0	1.0
Surrogate				Acceptance Limits	
4-Bromofluorobenzene	102	%		70 - 130	
Dibromofluoromethane	98	%		70 - 130	
Toluene-d8 (Surr)	96	%		70 - 130	
Method: 8011			Date Analyzed: 12/23/2010 2336		
Prep Method: 8011			Date Prepared: 12/23/2010 1458		
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	97	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 01/05/2011 0923		
Prep Method: 3005A			Date Prepared: 01/03/2011 1117		
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	5.2	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	1.2 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	16	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	170	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 12/29/2010 2002		
Prep Method: 7470A			Date Prepared: 12/29/2010 1111		
Mercury	0.091 U	ug/L	0.091	0.20	1.0

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Job Number: 660-38931-1

Client Sample ID: Barnes  
Lab Sample ID: 660-38955-6

Date Sampled: 12/22/2010 1247  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	7.7	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.12	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.17 I	mg/L	0.10	0.50	1.0

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Job Number: 660-38931-1

Client Sample ID: Barnes  
 Lab Sample ID: 660-38955-6

Date Sampled: 12/22/2010 1247  
 Date Received: 12/22/2010 1410  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>		Date Analyzed: 12/22/2010 1247			
Field pH	7.46	SU			1.0
Field Temperature	23.0	Degrees C			1.0
Oxygen, Dissolved	3.78	mg/L			1.0
Specific Conductance	318	umhos/cm			1.0
Turbidity	0.40	NTU			1.0

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Job Number: 660-38931-1

Client Sample ID: Barnes  
Lab Sample ID: 660-38955-6

Date Sampled: 12/22/2010 1247  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 12/28/2010	1456	
Total Dissolved Solids	220	mg/L	5.0	5.0	1.0



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Job Number: 660-38931-1

Client Sample ID: Blank, Travel 38955  
Lab Sample ID: 660-38955-7

Date Sampled: 12/22/2010 0935  
Date Received: 12/22/2010 1410  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: 8260B</b>			<b>Date Analyzed: 12/22/2010 1928</b>		
<b>Prep Method: 5030B</b>			<b>Date Prepared: 12/22/2010 1928</b>		
Acetone	9.9 U J3	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: 660-38931-1

Client Sample ID: Blank, Travel 38955  
Lab Sample ID: 660-38955-7

Date Sampled: 12/22/2010 0935  
Date Received: 12/22/2010 1410  
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	98	%		70 - 130	
Dibromofluoromethane	98	%		70 - 130	
Toluene-d8 (Surr)	97	%		70 - 130	

## DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-38931-1

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.

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104532**

**Method: 8260B  
Preparation: 5030B**

Lab Sample ID: MB 660-104532/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1821  
Date Prepared: 12/22/2010 1821

Analysis Batch: 660-104532  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMH5973  
Lab File ID: 1HL2211.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

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

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

Method Blank - Batch: 660-104532

Method: 8260B  
Preparation: 5030B

Lab Sample ID: MB 660-104532/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1821  
Date Prepared: 12/22/2010 1821

Analysis Batch: 660-104532  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMH5973  
Lab File ID: 1HL2211.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	101	70 - 130
Dibromofluoromethane	98	70 - 130
Toluene-d8 (Surr)	99	70 - 130

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Lab Control Sample - Batch: 660-104532**

**Method: 8260B  
Preparation: 5030B**

Lab Sample ID: LCS 660-104532/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1740  
Date Prepared: 12/22/2010 1740

Analysis Batch: 660-104532  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMH5973  
Lab File ID: 1HL2209.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	75.0	188	62 - 142	J3
Acrylonitrile	40.0	40.0	100	59 - 146	
Benzene	20.0	21.5	107	68 - 134	
Bromochloromethane	20.0	23.8	119	65 - 130	
Bromodichloromethane	20.0	18.7	94	70 - 130	
Bromoform	20.0	16.7	84	65 - 130	
Bromomethane	20.0	26.3	131	22 - 150	
2-Butanone	40.0	55.3	138	63 - 140	
Carbon disulfide	40.0	40.2	100	30 - 150	
Carbon tetrachloride	20.0	17.9	89	61 - 134	
Chlorobenzene	20.0	21.7	109	70 - 130	
Chloroethane	20.0	23.1	115	39 - 150	
Chloromethane	20.0	21.0	105	35 - 150	
cis-1,2-Dichloroethene	20.0	19.8	99	66 - 130	
cis-1,3-Dichloropropene	20.0	15.6	78	70 - 130	
Dibromochloromethane	20.0	16.6	83	70 - 130	
Dibromomethane	20.0	22.2	111	70 - 130	
1,2-Dichlorobenzene	20.0	21.9	109	70 - 130	
1,4-Dichlorobenzene	20.0	20.8	104	70 - 130	
1,1-Dichloroethane	20.0	19.1	96	66 - 130	
1,2-Dichloroethane	20.0	21.0	105	70 - 130	
1,1-Dichloroethene	20.0	18.9	94	51 - 150	
1,2-Dichloropropane	20.0	21.4	107	70 - 130	
Ethylbenzene	20.0	20.3	102	70 - 130	
2-Hexanone	40.0	52.7	132	60 - 148	
Iodomethane	40.0	36.0	90	70 - 130	
Methylene Chloride	20.0	19.4	97	57 - 130	
4-Methyl-2-pentanone	40.0	43.0	108	64 - 137	
Styrene	20.0	19.8	99	68 - 131	
1,1,1,2-Tetrachloroethane	20.0	17.9	90	70 - 130	
1,1,1,2,2-Tetrachloroethane	20.0	21.7	109	70 - 130	
Tetrachloroethene	20.0	15.4	77	50 - 143	
Toluene	20.0	21.1	105	70 - 131	
trans-1,4-Dichloro-2-butene	40.0	37.3	93	70 - 130	
trans-1,2-Dichloroethene	20.0	19.4	97	62 - 139	
trans-1,3-Dichloropropene	20.0	16.8	84	67 - 130	
1,1,1-Trichloroethane	20.0	19.1	95	63 - 132	
1,1,2-Trichloroethane	20.0	19.4	97	70 - 130	
Trichloroethene	20.0	16.0	80	63 - 139	
Chloroform	20.0	21.5	108	68 - 130	
Trichlorofluoromethane	20.0	19.8	99	62 - 146	
Trichloromethane	20.0	21.5	108	68 - 130	
1,2,3-Trichloropropane	20.0	19.4	97	66 - 130	

# Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

Lab Control Sample - Batch: 660-104532

Method: 8260B  
Preparation: 5030B

Lab Sample ID: LCS 660-104532/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1740  
Date Prepared: 12/22/2010 1740

Analysis Batch: 660-104532  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMH5973  
Lab File ID: 1HL2209.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Vinyl acetate	20.0	12.5	63	31 - 146	
Vinyl chloride	20.0	21.2	106	48 - 147	
Xylenes, Total	60.0	59.3	99	68 - 130	
Surrogate		% Rec		Acceptance Limits	
Dibromofluoromethane		101		70 - 130	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike - Batch: 660-104532**

**Method: 8260B  
Preparation: 5030B**

Lab Sample ID: 660-38955-6  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 2212  
Date Prepared: 12/22/2010 2212

Analysis Batch: 660-104532  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMH5973  
Lab File ID: 1HL2221.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9 U	40.0	71.0	178	62 - 142	J3
Acrylonitrile	1.2 U	40.0	39.2	98	59 - 146	
Benzene	0.50 U	20.0	24.0	120	68 - 134	
Bromochloromethane	0.58 U	20.0	26.9	134	65 - 130	J3
Bromodichloromethane	0.35 U	20.0	20.5	102	70 - 130	
Bromoform	0.58 U	20.0	17.7	88	65 - 130	
2-Butanone	8.4 U	40.0	54.3	136	63 - 140	
Carbon disulfide	1.0 U	40.0	44.8	112	30 - 150	
Carbon tetrachloride	0.42 U	20.0	20.2	101	61 - 134	
Chlorobenzene	0.63 U	20.0	23.2	116	70 - 130	
cis-1,2-Dichloroethene	0.65 U	20.0	21.3	106	66 - 130	
cis-1,3-Dichloropropene	0.14 U	20.0	16.9	85	70 - 130	
Dibromochloromethane	0.34 U	20.0	17.8	89	70 - 130	
Dibromomethane	0.41 U	20.0	23.6	118	70 - 130	
1,2-Dichlorobenzene	0.44 U	20.0	22.5	113	70 - 130	
1,4-Dichlorobenzene	0.52 U	20.0	22.3	111	70 - 130	
1,1-Dichloroethane	0.52 U	20.0	20.7	103	66 - 130	
1,2-Dichloroethane	0.57 U	20.0	22.1	110	70 - 130	
1,1-Dichloroethene	0.45 U	20.0	21.2	106	51 - 150	
1,2-Dichloropropane	0.52 U	20.0	24.3	121	70 - 130	
Ethylbenzene	0.44 U	20.0	22.7	114	70 - 130	
2-Hexanone	4.4 U	40.0	49.9	125	60 - 148	
Iodomethane	2.5 U	40.0	30.3	76	70 - 130	
Methylene Chloride	4.0 U	20.0	20.0	100	57 - 130	
4-Methyl-2-pentanone	3.8 U	40.0	42.1	105	64 - 137	
Styrene	0.98 U	20.0	21.3	107	68 - 131	
1,1,1,2-Tetrachloroethane	0.63 U	20.0	19.6	98	70 - 130	
1,1,2,2-Tetrachloroethane	0.15 U	20.0	21.8	109	70 - 130	
Tetrachloroethene	0.50 U	20.0	15.8	79	50 - 143	
Toluene	0.51 U	20.0	23.9	119	70 - 131	
trans-1,4-Dichloro-2-butene	2.5 U	40.0	37.2	93	70 - 130	
trans-1,2-Dichloroethene	0.44 U	20.0	21.6	108	62 - 139	
trans-1,3-Dichloropropene	0.14 U	20.0	16.9	85	67 - 130	
1,1,1-Trichloroethane	0.46 U	20.0	20.7	103	63 - 132	
1,1,2-Trichloroethane	0.47 U	20.0	21.6	108	70 - 130	
Trichloroethene	0.50 U	20.0	18.5	92	63 - 139	
Chloroform	0.90 U	20.0	23.7	118	68 - 130	
Trichloromethane	0.90 U	20.0	23.7	118	68 - 130	



## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

Matrix Spike - Batch: 660-104532

Method: 8260B  
Preparation: 5030B

Lab Sample ID: 660-38955-6  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 2212  
Date Prepared: 12/22/2010 2212

Analysis Batch: 660-104532  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMH5973  
Lab File ID: 1HL2221.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	0.18 U	20.0	19.8	99	66 - 130	
Xylenes, Total	0.50 U	60.0	66.5	111	68 - 130	
Surrogate	% Rec			Acceptance Limits		
Dibromofluoromethane	101			70 - 130		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Duplicate - Batch: 660-104532**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: 660-38955-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 2009  
Date Prepared: 12/22/2010 2009

Analysis Batch: 660-104532  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMH5973  
Lab File ID: 1HL2215.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

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

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

Duplicate - Batch: 660-104532

Method: 8260B  
Preparation: 5030B

Lab Sample ID: 660-38955-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 2009  
Date Prepared: 12/22/2010 2009

Analysis Batch: 660-104532  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMH5973  
Lab File ID: 1HL2215.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Trichlorofluoromethane	2.5 U	2.5	NC	30	U
Trichloromethane	0.90 U	0.90	NC	30	U
1,2,3-Trichloropropane	0.18 U	0.18	NC	30	U
Vinyl acetate	1.5 U	1.5	NC	30	U
Vinyl chloride	0.50 U	0.50	NC	30	U
Xylenes, Total	0.50 U	0.50	NC	30	U
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	99		70 - 130		
Dibromofluoromethane	97		70 - 130		
Toluene-d8 (Surr)	97		70 - 130		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104566**

**Method: 8260B  
Preparation: 5030B**

Lab Sample ID: MB 660-104566/4  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 12/24/2010 0912  
 Date Prepared: 12/24/2010 0912

Analysis Batch: 660-104566  
 Prep Batch: N/A  
 Units: ug/L

Instrument ID: BVMF5971  
 Lab File ID: 1FL2406.D  
 Initial Weight/Volume: 5 mL  
 Final Weight/Volume: 5 mL

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

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

Method Blank - Batch: 660-104566

Method: 8260B  
Preparation: 5030B

Lab Sample ID: MB 660-104566/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/24/2010 0912  
Date Prepared: 12/24/2010 0912

Analysis Batch: 660-104566  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMF5971  
Lab File ID: 1FL2406.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	111	70 - 130
Dibromofluoromethane	109	70 - 130
Toluene-d8 (Surr)	108	70 - 130

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Lab Control Sample - Batch: 660-104566**

**Method: 8260B  
Preparation: 5030B**

Lab Sample ID: LCS 660-104566/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/24/2010 0828  
Date Prepared: 12/24/2010 0828

Analysis Batch: 660-104566  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMF5971  
Lab File ID: 1FL2404.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	52.9	132	62 - 142	
Acrylonitrile	40.0	35.5	89	59 - 146	
Benzene	20.0	17.0	85	68 - 134	
Bromochloromethane	20.0	17.5	88	65 - 130	
Bromodichloromethane	20.0	20.2	101	70 - 130	
Bromoform	20.0	16.9	85	65 - 130	
Bromomethane	20.0	12.1	61	22 - 150	
2-Butanone	40.0	51.5	129	63 - 140	
Carbon disulfide	40.0	36.3	91	30 - 150	
Carbon tetrachloride	20.0	19.7	99	61 - 134	
Chlorobenzene	20.0	19.6	98	70 - 130	
Chloroethane	20.0	17.1	85	39 - 150	
Chloromethane	20.0	16.9	84	35 - 150	
cis-1,2-Dichloroethene	20.0	19.6	98	66 - 130	
cis-1,3-Dichloropropene	20.0	16.5	83	70 - 130	
Dibromochloromethane	20.0	16.6	83	70 - 130	
Dibromomethane	20.0	19.2	96	70 - 130	
1,2-Dichlorobenzene	20.0	18.3	92	70 - 130	
1,4-Dichlorobenzene	20.0	18.4	92	70 - 130	
1,1-Dichloroethane	20.0	18.4	92	66 - 130	
1,2-Dichloroethane	20.0	18.4	92	70 - 130	
1,1-Dichloroethene	20.0	17.1	86	51 - 150	
1,2-Dichloropropane	20.0	19.5	98	70 - 130	
Ethylbenzene	20.0	20.1	100	70 - 130	
2-Hexanone	40.0	62.0	155	60 - 148	J3
Iodomethane	40.0	31.6	79	70 - 130	
Methylene Chloride	20.0	16.4	82	57 - 130	
4-Methyl-2-pentanone	40.0	48.7	122	64 - 137	
Styrene	20.0	20.0	100	68 - 131	
1,1,1,2-Tetrachloroethane	20.0	16.5	83	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	18.4	92	70 - 130	
Tetrachloroethene	20.0	11.6	58	50 - 143	
Toluene	20.0	18.9	94	70 - 131	
trans-1,4-Dichloro-2-butene	40.0	34.0	85	70 - 130	
trans-1,2-Dichloroethene	20.0	17.8	89	62 - 139	
trans-1,3-Dichloropropene	20.0	16.6	83	67 - 130	
1,1,1-Trichloroethane	20.0	19.3	97	63 - 132	
1,1,2-Trichloroethane	20.0	18.3	92	70 - 130	
Trichloroethene	20.0	20.1	100	63 - 139	
Trichlorofluoromethane	20.0	22.9	114	62 - 146	
Trichloromethane	20.0	18.6	93	68 - 130	
1,2,3-Trichloropropane	20.0	17.5	88	66 - 130	
Vinyl acetate	20.0	13.5	67	31 - 146	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

Lab Control Sample - Batch: 660-104566

Method: 8260B  
Preparation: 5030B

Lab Sample ID: LCS 660-104566/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/24/2010 0828  
Date Prepared: 12/24/2010 0828

Analysis Batch: 660-104566  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMF5971  
Lab File ID: 1FL2404.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Vinyl chloride	20.0	20.0	100	48 - 147	
Xylenes, Total	60.0	62.9	105	68 - 130	
Surrogate		% Rec		Acceptance Limits	
Dibromofluoromethane		97		70 - 130	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike - Batch: 660-104566**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: 660-38945-2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/24/2010 1046  
Date Prepared: 12/24/2010 1046

Analysis Batch: 660-104566  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMF5971  
Lab File ID: 1FL2410.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Sample	Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	40.0	29.5	74	62 - 142	
Acrylonitrile	1.2	U	40.0	37.2	93	59 - 146	
Benzene	0.50	U	20.0	18.4	92	68 - 134	
Bromochloromethane	0.58	U	20.0	19.9	99	65 - 130	
Bromodichloromethane	0.35	U	20.0	18.7	94	70 - 130	
Bromoform	0.58	U	20.0	14.9	74	65 - 130	
Bromomethane	2.5	U	20.0	9.55	48	22 - 150	
2-Butanone	8.4	U	40.0	29.1	73	63 - 140	
Carbon disulfide	1.0	U	40.0	36.8	92	30 - 150	
Carbon tetrachloride	0.42	U	20.0	17.7	88	61 - 134	
Chlorobenzene	0.63	U	20.0	19.5	97	70 - 130	
Chloroethane	2.5	U	20.0	15.0	75	39 - 150	
Chloromethane	1.0	U	20.0	14.8	74	35 - 150	
cis-1,2-Dichloroethene	0.65	U	20.0	20.2	101	66 - 130	
cis-1,3-Dichloropropene	0.14	U	20.0	15.4	77	70 - 130	
Dibromochloromethane	0.34	U	20.0	15.0	75	70 - 130	
Dibromomethane	0.41	U	20.0	18.0	90	70 - 130	
1,2-Dichlorobenzene	0.44	U	20.0	18.6	93	70 - 130	
1,4-Dichlorobenzene	0.52	U	20.0	18.5	92	70 - 130	
1,1-Dichloroethane	0.52	U	20.0	19.8	99	66 - 130	
1,2-Dichloroethane	0.57	U	20.0	18.8	94	70 - 130	
1,1-Dichloroethene	0.45	U	20.0	17.0	85	51 - 150	
1,2-Dichloropropane	0.52	U	20.0	19.0	95	70 - 130	
Ethylbenzene	0.44	U	20.0	19.5	97	70 - 130	
2-Hexanone	4.4	U	40.0	30.3	76	60 - 148	
Iodomethane	2.5	U	40.0	43.8	109	70 - 130	
Methylene Chloride	4.0	U	20.0	19.0	95	57 - 130	
4-Methyl-2-pentanone	3.8	U	40.0	34.5	86	64 - 137	
Styrene	0.98	U	20.0	20.2	101	68 - 131	
1,1,1,2-Tetrachloroethane	0.63	U	20.0	16.6	83	70 - 130	
1,1,2,2-Tetrachloroethane	0.15	U	20.0	17.1	86	70 - 130	
Tetrachloroethene	0.50	U	20.0	10.9	54	50 - 143	
Toluene	0.51	U	20.0	18.6	93	70 - 131	
trans-1,4-Dichloro-2-butene	2.5	U	40.0	29.4	74	70 - 130	
trans-1,2-Dichloroethene	0.44	U	20.0	18.2	91	62 - 139	
trans-1,3-Dichloropropene	0.14	U	20.0	14.8	74	67 - 130	
1,1,1-Trichloroethane	0.46	U	20.0	17.7	88	63 - 132	
1,1,2-Trichloroethane	0.47	U	20.0	16.8	84	70 - 130	



## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike - Batch: 660-104566**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: 660-38945-2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/24/2010 1046  
Date Prepared: 12/24/2010 1046

Analysis Batch: 660-104566  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMF5971  
Lab File ID: 1FL2410.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Trichloroethene	0.50 U	20.0	17.1	85	63 - 139	
Trichlorofluoromethane	2.5 U	20.0	15.7	78	62 - 146	
Trichloromethane	0.90 U	20.0	19.4	97	68 - 130	
1,2,3-Trichloropropane	0.18 U	20.0	15.5	77	66 - 130	
Vinyl acetate	1.5 U	20.0	12.3	62	31 - 146	
Vinyl chloride	0.50 U	20.0	15.6	78	48 - 147	
Xylenes, Total	0.50 U	60.0	61.8	103	68 - 130	
Surrogate		% Rec		Acceptance Limits		
Dibromofluoromethane		105		70 - 130		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Duplicate - Batch: 660-104566**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: 660-38945-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/24/2010 1025  
Date Prepared: 12/24/2010 1025

Analysis Batch: 660-104566  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMF5971  
Lab File ID: 1FL2409.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

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

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

Duplicate - Batch: 660-104566

Method: 8260B  
Preparation: 5030B

Lab Sample ID: 660-38945-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/24/2010 1025  
Date Prepared: 12/24/2010 1025

Analysis Batch: 660-104566  
Prep Batch: N/A  
Units: ug/L

Instrument ID: BVMF5971  
Lab File ID: 1FL2409.D  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Trichloromethane	0.90 U	0.90	NC	30	U
1,2,3-Trichloropropane	0.18 U	0.18	NC	30	U
Vinyl acetate	1.5 U	1.5	NC	30	U
Vinyl chloride	0.50 U	0.50	NC	30	U
Xylenes, Total	0.50 U	0.50	NC	30	U
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	108		70 - 130		
Dibromofluoromethane	116		70 - 130		
Toluene-d8 (Surr)	112		70 - 130		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104440**

**Method: 8011**  
**Preparation: 8011**

Lab Sample ID: MB 660-104440/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1907  
Date Prepared: 12/22/2010 1345

Analysis Batch: 660-104519  
Prep Batch: 660-104440  
Units: ug/L

Instrument ID: BSGU  
Lab File ID: 1L22U013.D  
Initial Weight/Volume: 34.6367 g  
Final Weight/Volume: 2.0 mL  
Injection Volume: 4 uL  
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020
Surrogate	% Rec	Acceptance Limits		
1,1,1,2-Tetrachloroethane	92	60 - 140		

**Lab Control Sample - Batch: 660-104440**

**Method: 8011**  
**Preparation: 8011**

Lab Sample ID: LCS 660-104440/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1928  
Date Prepared: 12/22/2010 1345

Analysis Batch: 660-104519  
Prep Batch: 660-104440  
Units: ug/L

Instrument ID: BSGU  
Lab File ID: 1L22U014.D  
Initial Weight/Volume: 34.7902 g  
Final Weight/Volume: 2.0 mL  
Injection Volume: 4 uL  
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.252	0.234	93	60 - 140	
Ethylene Dibromide	0.252	0.236	94	60 - 140	
Surrogate	% Rec		Acceptance Limits		
1,1,1,2-Tetrachloroethane	93		60 - 140		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike - Batch: 660-104440**

**Method: 8011**  
**Preparation: 8011**

Lab Sample ID: 660-38790-I-5-B MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 2009  
Date Prepared: 12/22/2010 1345

Analysis Batch: 660-104519  
Prep Batch: 660-104440  
Units: ug/L

Instrument ID: BSGU  
Lab File ID: 1L22U016.D  
Initial Weight/Volume: 31.7370 g  
Final Weight/Volume: 2.0 mL  
Injection Volume: 4 uL  
Column ID: PRIMARY

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.010 U	0.276	0.306	111	60 - 140	
Ethylene Dibromide	0.010 U	0.276	0.269	98	60 - 140	
<b>Surrogate</b>	<b>% Rec</b>			<b>Acceptance Limits</b>		
1,1,1,2-Tetrachloroethane	99			60 - 140		

**Duplicate - Batch: 660-104440**

**Method: 8011**  
**Preparation: 8011**

Lab Sample ID: 660-38945-9  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/23/2010 0057  
Date Prepared: 12/22/2010 1345

Analysis Batch: 660-104519  
Prep Batch: 660-104440  
Units: ug/L

Instrument ID: BSGU  
Lab File ID: 1L22U030.D  
Initial Weight/Volume: 35.4071 g  
Final Weight/Volume: 2.0 mL  
Injection Volume: 4 uL  
Column ID: PRIMARY

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0097 U	0.0099	NC	40	U
Ethylene Dibromide	0.0097 U	0.0099	NC	40	U
<b>Surrogate</b>	<b>% Rec</b>			<b>Acceptance Limits</b>	
1,1,1,2-Tetrachloroethane	90			60 - 140	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104525**

Lab Sample ID: MB 660-104525/1-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 12/23/2010 2009  
 Date Prepared: 12/23/2010 1458

Analysis Batch: 660-104565  
 Prep Batch: 660-104525  
 Units: ug/L

**Method: 8011  
 Preparation: 8011**

Instrument ID: BSGU  
 Lab File ID: 1L23U013.D  
 Initial Weight/Volume: 34.7992 g  
 Final Weight/Volume: 2.0 mL  
 Injection Volume: 4 uL  
 Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.010	U	0.010	0.020
Ethylene Dibromide	0.010	U	0.010	0.020
<b>Surrogate</b>	<b>% Rec</b>		<b>Acceptance Limits</b>	
1,1,1,2-Tetrachloroethane	90		60 - 140	

**Lab Control Sample - Batch: 660-104525**

Lab Sample ID: LCS 660-104525/2-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 12/23/2010 2030  
 Date Prepared: 12/23/2010 1458

Analysis Batch: 660-104565  
 Prep Batch: 660-104525  
 Units: ug/L

**Method: 8011  
 Preparation: 8011**

Instrument ID: BSGU  
 Lab File ID: 1L23U014.D  
 Initial Weight/Volume: 34.9701 g  
 Final Weight/Volume: 2.0 mL  
 Injection Volume: 4 uL  
 Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.250	0.237	95	60 - 140	
Ethylene Dibromide	0.250	0.224	89	60 - 140	
<b>Surrogate</b>		<b>% Rec</b>		<b>Acceptance Limits</b>	
1,1,1,2-Tetrachloroethane		91		60 - 140	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike - Batch: 660-104525**

**Method: 8011**  
**Preparation: 8011**

Lab Sample ID: 640-31379-D-2-E MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/23/2010 2111  
Date Prepared: 12/23/2010 1458

Analysis Batch: 660-104565  
Prep Batch: 660-104525  
Units: ug/L

Instrument ID: BSGU  
Lab File ID: 1L23U016.D  
Initial Weight/Volume: 33.7239 g  
Final Weight/Volume: 2.0 mL  
Injection Volume: 4 uL  
Column ID: PRIMARY

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.010 U	0.259	0.270	104	60 - 140	
Ethylene Dibromide	0.010 U	0.259	0.249	96	60 - 140	
<b>Surrogate</b>	<b>% Rec</b>			<b>Acceptance Limits</b>		
1,1,1,2-Tetrachloroethane	100			60 - 140		

**Duplicate - Batch: 660-104525**

**Method: 8011**  
**Preparation: 8011**

Lab Sample ID: 660-38955-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/23/2010 2153  
Date Prepared: 12/23/2010 1458

Analysis Batch: 660-104565  
Prep Batch: 660-104525  
Units: ug/L

Instrument ID: BSGU  
Lab File ID: 1L23U018.D  
Initial Weight/Volume: 35.9192 g  
Final Weight/Volume: 2.0 mL  
Injection Volume: 4 uL  
Column ID: PRIMARY

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.0098 U	0.0097	NC	40	U
Ethylene Dibromide	0.0098 U	0.0097	NC	40	U
<b>Surrogate</b>	<b>% Rec</b>			<b>Acceptance Limits</b>	
1,1,1,2-Tetrachloroethane	80			60 - 140	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 680-190468**

**Method: 6020A**  
**Preparation: 3005A**  
**Total Recoverable**

Lab Sample ID: MB 680-190468/20-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 01/05/2011 0559  
 Date Prepared: 01/03/2011 1117

Analysis Batch: 680-190711  
 Prep Batch: 680-190468  
 Units: mg/L

Instrument ID: ICPMSA  
 Lab File ID: 190468.chr  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.25	U	0.25	0.50

**Method Blank - Batch: 680-190468**

**Method: 6020A**  
**Preparation: 3005A**  
**Total Recoverable**

Lab Sample ID: MB 680-190468/20-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 01/05/2011 0559  
 Date Prepared: 01/03/2011 1117

Analysis Batch: 680-190711  
 Prep Batch: 680-190468  
 Units: ug/L

Instrument ID: ICPMSA  
 Lab File ID: 190468.chr  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 250 mL

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



## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Lab Control Sample - Batch: 680-190468**

**Method: 6020A  
Preparation: 3005A  
Total Recoverable**

Lab Sample ID: LCS 680-190468/21-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/05/2011 0606  
Date Prepared: 01/03/2011 1117

Analysis Batch: 680-190711  
Prep Batch: 680-190468  
Units: mg/L

Instrument ID: ICPMSA  
Lab File ID: 190468.chr  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	5.00	5.00	100	75 - 125	

**Lab Control Sample - Batch: 680-190468**

**Method: 6020A  
Preparation: 3005A  
Total Recoverable**

Lab Sample ID: LCS 680-190468/21-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/05/2011 0606  
Date Prepared: 01/03/2011 1117

Analysis Batch: 680-190711  
Prep Batch: 680-190468  
Units: ug/L

Instrument ID: ICPMSA  
Lab File ID: 190468.chr  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	52.2	104	75 - 125	
Arsenic	100	101	101	75 - 125	
Barium	100	97.7	98	75 - 125	
Beryllium	50.0	50.9	102	75 - 125	
Cadmium	50.0	51.2	102	75 - 125	
Chromium	100	101	101	75 - 125	
Cobalt	50.0	47.3	95	75 - 125	
Copper	100	104	104	75 - 125	
Iron	5000	5060	101	75 - 125	
Lead	50.0	49.0	98	75 - 125	
Nickel	100	103	103	75 - 125	
Selenium	100	103	103	75 - 125	
Silver	50.0	50.2	100	75 - 125	
Thallium	40.0	39.0	98	75 - 125	
Vanadium	100	98.2	98	75 - 125	
Zinc	100	99.6	100	75 - 125	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 680-190468**

**Method: 6020A  
Preparation: 3005A  
Total Recoverable**

MS Lab Sample ID: 660-38931-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/05/2011 0650  
Date Prepared: 01/03/2011 1117

Analysis Batch: 680-190711  
Prep Batch: 680-190468

Instrument ID: ICPMSA  
Lab File ID: 190468.chr  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 660-38931-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/05/2011 0657  
Date Prepared: 01/03/2011 1117

Analysis Batch: 680-190711  
Prep Batch: 680-190468

Instrument ID: ICPMSA  
Lab File ID: 190468.chr  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	-317353	-317343	75 - 125	3	20	J3	J3

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 680-190468**

**Method: 6020A  
Preparation: 3005A  
Total Recoverable**

MS Lab Sample ID: 660-38931-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/05/2011 0650  
Date Prepared: 01/03/2011 1117

Analysis Batch: 680-190711  
Prep Batch: 680-190468

Instrument ID: ICPMSA  
Lab File ID: 190468.chr  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 660-38931-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/05/2011 0657  
Date Prepared: 01/03/2011 1117

Analysis Batch: 680-190711  
Prep Batch: 680-190468

Instrument ID: ICPMSA  
Lab File ID: 190468.chr  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Antimony	104	113	75 - 125	8	20		
Arsenic	101	104	75 - 125	4	20		
Barium	95	104	75 - 125	8	20		
Beryllium	98	108	75 - 125	10	20		
Cadmium	98	105	75 - 125	7	20		
Chromium	101	105	75 - 125	4	20		
Cobalt	92	99	75 - 125	8	20		
Copper	103	107	75 - 125	4	20		
Iron	97	104	75 - 125	8	20		
Lead	94	103	75 - 125	9	20		
Nickel	103	106	75 - 125	3	20		
Selenium	98	106	75 - 125	8	20		
Silver	98	106	75 - 125	8	20		
Thallium	95	103	75 - 125	8	20		
Vanadium	98	102	75 - 125	4	20		
Zinc	98	106	75 - 125	7	20		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 680-190187**

**Method: 7470A**  
**Preparation: 7470A**

Lab Sample ID: MB 680-190187/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/29/2010 1815  
Date Prepared: 12/29/2010 1111

Analysis Batch: 680-190281  
Prep Batch: 680-190187  
Units: ug/L

Instrument ID: LEEMAN1  
Lab File ID: 122910100919.chr  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.091	U	0.091	0.20

**Lab Control Sample - Batch: 680-190187**

**Method: 7470A**  
**Preparation: 7470A**

Lab Sample ID: LCS 680-190187/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/29/2010 1830  
Date Prepared: 12/29/2010 1111

Analysis Batch: 680-190281  
Prep Batch: 680-190187  
Units: ug/L

Instrument ID: LEEMAN1  
Lab File ID: 122910100919.chr  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.62	105	80 - 120	

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 680-190187**

**Method: 7470A**  
**Preparation: 7470A**

MS Lab Sample ID: 660-38955-6  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/29/2010 2007  
Date Prepared: 12/29/2010 1111

Analysis Batch: 680-190281  
Prep Batch: 680-190187

Instrument ID: LEEMAN1  
Lab File ID: 122910100919.chr  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-38955-6  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/29/2010 2021  
Date Prepared: 12/29/2010 1111

Analysis Batch: 680-190281  
Prep Batch: 680-190187

Instrument ID: LEEMAN1  
Lab File ID: 122910100919.chr  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	105	103	80 - 120	2	20		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 680-190719**

**Method: SM 2340B**

**Preparation: N/A**

Lab Sample ID: MB 680-190719/1

Analysis Batch: 680-190719

Instrument ID: No Equipment Assigned

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume:

Date Analyzed: 01/05/2011 1123

Final Weight/Volume: 1.0 mL

Date Prepared: N/A

Analyte	Result	Qual	PQL	PQL
Hardness as calcium carbonate	3.3	U	3.3	3.3

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

### Method Blank - Batch: 660-104775

Method: 300.0  
Preparation: N/A

Lab Sample ID: MB 660-104775/5  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 2001  
Date Prepared: N/A

Analysis Batch: 660-104775  
Prep Batch: N/A  
Units: mg/L

Instrument ID: DIONEX 1  
Lab File ID: 65.0000.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

### Lab Control Sample - Batch: 660-104775

Method: 300.0  
Preparation: N/A

Lab Sample ID: LCS 660-104775/6  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 2012  
Date Prepared: N/A

Analysis Batch: 660-104775  
Prep Batch: N/A  
Units: mg/L

Instrument ID: DIONEX 1  
Lab File ID: 66.0000.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.7	107	90 - 110	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104775**

**Method: 300.0  
Preparation: N/A**

MS Lab Sample ID: 660-38955-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 2219  
Date Prepared: N/A

Analysis Batch: 660-104775  
Prep Batch: N/A

Instrument ID: DIONEX 1  
Lab File ID: 77.0000.d  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL  
1 uL

MSD Lab Sample ID: 660-38955-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 2230  
Date Prepared: N/A

Analysis Batch: 660-104775  
Prep Batch: N/A

Instrument ID: DIONEX 1  
Lab File ID: 78.0000.d  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL  
1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	91	94	90 - 110	1	30		

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104775**

**Method: 300.0  
Preparation: N/A**

MS Lab Sample ID: 660-38945-5  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/04/2011 0002  
Date Prepared: N/A

Analysis Batch: 660-104775  
Prep Batch: N/A

Instrument ID: DIONEX 1  
Lab File ID: 86.0000.d  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL  
1 uL

MSD Lab Sample ID: 660-38945-5  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/04/2011 0014  
Date Prepared: N/A

Analysis Batch: 660-104775  
Prep Batch: N/A

Instrument ID: DIONEX 1  
Lab File ID: 87.0000.d  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL  
1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	100	99	90 - 110	1	30		

**Quality Control Results**

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104826**

**Method: 300.0**  
**Preparation: N/A**

Lab Sample ID: MB 660-104826/5  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/04/2011 1022  
Date Prepared: N/A

Analysis Batch: 660-104826  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

**Lab Control Sample - Batch: 660-104826**

**Method: 300.0**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104826/6  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/04/2011 1152  
Date Prepared: N/A

Analysis Batch: 660-104826  
Prep Batch: N/A  
Units: mg/L

Instrument ID: DIONEX2  
Lab File ID: 13.0000.d  
Initial Weight/Volume: 1 mL  
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.0	100	90 - 110	



## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104751**

**Method: 350.1**  
**Preparation: N/A**

Lab Sample ID: MB 660-104751/25  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1425  
Date Prepared: N/A

Analysis Batch: 660-104751  
Prep Batch: N/A  
Units: mg/L

Instrument ID: LACHAT  
Lab File ID: 01.03.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

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

**Lab Control Sample - Batch: 660-104751**

**Method: 350.1**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104751/26  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1426  
Date Prepared: N/A

Analysis Batch: 660-104751  
Prep Batch: N/A  
Units: mg/L

Instrument ID: LACHAT  
Lab File ID: 01.03.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia as N	0.500	0.508	102	90 - 110	

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104751**

**Method: 350.1**  
**Preparation: N/A**

MS Lab Sample ID: 660-38944-E-3 MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1445  
Date Prepared: N/A

Analysis Batch: 660-104751  
Prep Batch: N/A

Instrument ID: LACHAT  
Lab File ID: 01.03.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-38944-E-3 MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1446  
Date Prepared: N/A

Analysis Batch: 660-104751  
Prep Batch: N/A

Instrument ID: LACHAT  
Lab File ID: 01.03.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	90	90	90 - 110	0	30		

**Quality Control Results**

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104753**

**Method: 350.1**  
**Preparation: N/A**

Lab Sample ID: MB 660-104753/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1512  
Date Prepared: N/A

Analysis Batch: 660-104753  
Prep Batch: N/A  
Units: mg/L

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

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

**Lab Control Sample - Batch: 660-104753**

**Method: 350.1**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104753/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1512  
Date Prepared: N/A

Analysis Batch: 660-104753  
Prep Batch: N/A  
Units: mg/L

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

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

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104753**

**Method: 350.1**  
**Preparation: N/A**

MS Lab Sample ID: 660-38955-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1512  
Date Prepared: N/A

Analysis Batch: 660-104753  
Prep Batch: N/A

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

MSD Lab Sample ID: 660-38955-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1512  
Date Prepared: N/A

Analysis Batch: 660-104753  
Prep Batch: N/A

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	95	95	90 - 110	0	30		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

### Method Blank - Batch: 660-104479

Method: 353.2  
Preparation: N/A

Lab Sample ID: MB 660-104479/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1315  
Date Prepared: N/A

Analysis Batch: 660-104479  
Prep Batch: N/A  
Units: mg/L

Instrument ID: LACHAT  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 10 mL

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

### Lab Control Sample - Batch: 660-104479

Method: 353.2  
Preparation: N/A

Lab Sample ID: LCS 660-104479/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1315  
Date Prepared: N/A

Analysis Batch: 660-104479  
Prep Batch: N/A  
Units: mg/L

Instrument ID: LACHAT  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.991	99	90 - 110	
Nitrite as N	0.997	1.01	101	90 - 110	
Nitrite Nitrogen	0.997	1.01	101	90 - 110	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104479**

**Method: 353.2  
Preparation: N/A**

MS Lab Sample ID: 660-38938-A-2 MS      Analysis Batch: 660-104479  
Client Matrix: Water                      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1315  
Date Prepared: N/A

Instrument ID: LACHAT  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 660-38938-A-2 MSD      Analysis Batch: 660-104479  
Client Matrix: Water                      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1315  
Date Prepared: N/A

Instrument ID: LACHAT  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	97	96	90 - 110	0	30		
Nitrite Nitrogen	108	110	90 - 110	2	30		

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104479**

**Method: 353.2  
Preparation: N/A**

MS Lab Sample ID: 660-38945-7              Analysis Batch: 660-104479  
Client Matrix: Water                      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1933  
Date Prepared: N/A

Instrument ID: LACHAT  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 660-38945-7              Analysis Batch: 660-104479  
Client Matrix: Water                      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1933  
Date Prepared: N/A

Instrument ID: LACHAT  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	98	98	90 - 110	0	30		
Nitrite as N	99	99	90 - 110	0	30		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104746**

**Method: 353.2**  
**Preparation: N/A**

Lab Sample ID: MB 660-104746/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1904  
Date Prepared: N/A

Analysis Batch: 660-104746  
Prep Batch: N/A  
Units: mg/L

Instrument ID: LACHAT  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 10 mL

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

**Lab Control Sample - Batch: 660-104746**

**Method: 353.2**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104746/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1904  
Date Prepared: N/A

Analysis Batch: 660-104746  
Prep Batch: N/A  
Units: mg/L

Instrument ID: LACHAT  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.982	98	90 - 110	
Nitrite as N	0.997	1.03	103	90 - 110	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104746**

**Method: 353.2  
Preparation: N/A**

MS Lab Sample ID: 660-38947-C-3 MS      Analysis Batch: 660-104746  
Client Matrix: Water                      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1904  
Date Prepared: N/A

Instrument ID: LACHAT  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 660-38947-C-3 MSD      Analysis Batch: 660-104746  
Client Matrix: Water                      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 12/22/2010 1904  
Date Prepared: N/A

Instrument ID: LACHAT  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	98	97	90 - 110	1	30		
Nitrite as N	100	100	90 - 110	0	30		

**Quality Control Results**

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104719**

**Method: 365.4**  
**Preparation: 365.2/365.3/365**

Lab Sample ID: MB 660-104719/10-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1746  
Date Prepared: 01/03/2011 1100

Analysis Batch: 660-104756  
Prep Batch: 660-104719  
Units: mg/L

Instrument ID: SEAL1  
Lab File ID: N/A  
Initial Weight/Volume: 20 mL  
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	PQL
Phosphorus, Total	0.10	U	0.10	0.30

**Lab Control Sample - Batch: 660-104719**

**Method: 365.4**  
**Preparation: 365.2/365.3/365**

Lab Sample ID: LCS 660-104719/11-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1746  
Date Prepared: 01/03/2011 1100

Analysis Batch: 660-104756  
Prep Batch: 660-104719  
Units: mg/L

Instrument ID: SEAL1  
Lab File ID: N/A  
Initial Weight/Volume: 20 mL  
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phosphorus, Total	1.00	0.981	98	90 - 110	

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104719**

**Method: 365.4**  
**Preparation: 365.2/365.3/365**

MS Lab Sample ID: 660-38931-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1746  
Date Prepared: 01/03/2011 1100

Analysis Batch: 660-104756  
Prep Batch: 660-104719

Instrument ID: SEAL1  
Lab File ID: N/A  
Initial Weight/Volume: 20 mL  
Final Weight/Volume: 20 mL

MSD Lab Sample ID: 660-38931-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1746  
Date Prepared: 01/03/2011 1100

Analysis Batch: 660-104756  
Prep Batch: 660-104719

Instrument ID: SEAL1  
Lab File ID: N/A  
Initial Weight/Volume: 20 mL  
Final Weight/Volume: 20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phosphorus, Total	105	107	90 - 110	1	30		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Seeded Control Blank - Batch: 660-104498**

**Method: 5210B**  
**Preparation: N/A**

Lab Sample ID: SCB 660-104498/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/23/2010 0850  
Date Prepared: N/A

Analysis Batch: 660-104498  
Prep Batch: N/A  
Units: mg/L

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

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

**Unseeded Control Blank - Batch: 660-104498**

**Method: 5210B**  
**Preparation: N/A**

Lab Sample ID: USB 660-104498/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/23/2010 0850  
Date Prepared: N/A

Analysis Batch: 660-104498  
Prep Batch: N/A  
Units: mg/L

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

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

**Lab Control Sample - Batch: 660-104498**

**Method: 5210B**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104498/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/23/2010 0850  
Date Prepared: N/A

Analysis Batch: 660-104498  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Biochemical Oxygen Demand	198	195	98	85 - 115	



## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Duplicate - Batch: 660-104498**

**Method: 5210B**  
**Preparation: N/A**

Lab Sample ID: 660-38944-D-3 DU  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/23/2010 0850  
Date Prepared: N/A

Analysis Batch: 660-104498  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Biochemical Oxygen Demand	2.0 U	2.0	NC	20	U

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104644**

**Method: 5220 D**  
**Preparation: SM 5220**

Lab Sample ID: MB 660-104644/3-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/29/2010 1530  
Date Prepared: 12/29/2010 1210

Analysis Batch: 660-104648  
Prep Batch: 660-104644  
Units: mg/L

Instrument ID: HACH2500  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 2 mL

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

**Lab Control Sample - Batch: 660-104644**

**Method: 5220 D**  
**Preparation: SM 5220**

Lab Sample ID: LCS 660-104644/4-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/29/2010 1530  
Date Prepared: 12/29/2010 1210

Analysis Batch: 660-104648  
Prep Batch: 660-104644  
Units: mg/L

Instrument ID: HACH2500  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chemical Oxygen Demand	50.0	50.9	102	90 - 110	

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104644**

**Method: 5220 D**  
**Preparation: SM 5220**

MS Lab Sample ID: 660-38957-B-1-B MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/29/2010 1530  
Date Prepared: 12/29/2010 1210

Analysis Batch: 660-104648  
Prep Batch: 660-104644

Instrument ID: HACH2500  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 2 mL

MSD Lab Sample ID: 660-38957-B-1-C MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/29/2010 1530  
Date Prepared: 12/29/2010 1210

Analysis Batch: 660-104648  
Prep Batch: 660-104644

Instrument ID: HACH2500  
Lab File ID: N/A  
Initial Weight/Volume: 1.0 mL  
Final Weight/Volume: 2 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chemical Oxygen Demand	94	92	90 - 110	1	20		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

### Method Blank - Batch: 660-104563

Method: SM 2540C  
Preparation: N/A

Lab Sample ID: MB 660-104563/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/28/2010 1115  
Date Prepared: N/A

Analysis Batch: 660-104563  
Prep Batch: N/A  
Units: mg/L

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

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

### Lab Control Sample - Batch: 660-104563

Method: SM 2540C  
Preparation: N/A

Lab Sample ID: LCS 660-104563/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/28/2010 1115  
Date Prepared: N/A

Analysis Batch: 660-104563  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	10000	100	80 - 120	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

### Duplicate - Batch: 660-104563

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-38923-D-3 DU  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/28/2010 1118  
Date Prepared: N/A

Analysis Batch: 660-104563  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	210	194	7	20	

### Duplicate - Batch: 660-104563

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-38945-7  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/28/2010 1128  
Date Prepared: N/A

Analysis Batch: 660-104563  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	250	250	2	20	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104582**

**Method: SM 2540C**  
**Preparation: N/A**

Lab Sample ID: MB 660-104582/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/28/2010 1448  
Date Prepared: N/A

Analysis Batch: 660-104582  
Prep Batch: N/A  
Units: mg/L

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

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

**Lab Control Sample - Batch: 660-104582**

**Method: SM 2540C**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104582/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/28/2010 1449  
Date Prepared: N/A

Analysis Batch: 660-104582  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9990	100	80 - 120	

**Duplicate - Batch: 660-104582**

**Method: SM 2540C**  
**Preparation: N/A**

Lab Sample ID: 660-38955-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/28/2010 1453  
Date Prepared: N/A

Analysis Batch: 660-104582  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	300	296	2	20	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104546**

**Method: SM 2540D**  
**Preparation: N/A**

Lab Sample ID: MB 660-104546/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/28/2010 0800  
Date Prepared: N/A

Analysis Batch: 660-104546  
Prep Batch: N/A  
Units: mg/L

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

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

**Lab Control Sample - Batch: 660-104546**

**Method: SM 2540D**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104546/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/28/2010 0800  
Date Prepared: N/A

Analysis Batch: 660-104546  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	100	88.4	88	80 - 120	

**Duplicate - Batch: 660-104546**

**Method: SM 2540D**  
**Preparation: N/A**

Lab Sample ID: 660-38954-C-2 DU  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/28/2010 0800  
Date Prepared: N/A

Analysis Batch: 660-104546  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	19	16.4	14	20	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 640-76369**

**Method: SM 5310C**  
**Preparation: N/A**

Lab Sample ID: MB 640-76369/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/30/2010 1218  
Date Prepared: N/A

Analysis Batch: 640-76369  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Total Organic Carbon	0.35	U	0.35	1.0

**Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 640-76369**

**Method: SM 5310C**  
**Preparation: N/A**

LCS Lab Sample ID: LCS 640-76369/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/30/2010 1234  
Date Prepared: N/A

Analysis Batch: 640-76369  
Prep Batch: N/A  
Units: mg/L

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

LCSD Lab Sample ID: LCSD 640-76369/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/30/2010 1249  
Date Prepared: N/A

Analysis Batch: 640-76369  
Prep Batch: N/A  
Units: mg/L

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

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Total Organic Carbon	114	113	80 - 120	1	25		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38931-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 640-76369**

**Method: SM 5310C  
Preparation: N/A**

MS Lab Sample ID: 640-31464-J-1 MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/30/2010 1519  
Date Prepared: N/A

Analysis Batch: 640-76369  
Prep Batch: N/A

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

MSD Lab Sample ID: 640-31464-I-1 MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/30/2010 1534  
Date Prepared: N/A

Analysis Batch: 640-76369  
Prep Batch: N/A

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Total Organic Carbon	121	124	80 - 120	2	25	J3	J3

**Duplicate - Batch: 640-76369**

**Method: SM 5310C  
Preparation: N/A**

Lab Sample ID: 640-31464-L-1 DU  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/30/2010 1505  
Date Prepared: N/A

Analysis Batch: 640-76369  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Organic Carbon	1.2	1.26	3	25	



**Quality Control Results**

Client: Hillsborough County

Job Number: 660-38931-1

**Method Blank - Batch: 660-104470**

**Method: SM 9222D  
Preparation: N/A**

Lab Sample ID: MB 660-104470/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 12/21/2010 1710  
Date Prepared: N/A

Analysis Batch: 660-104470  
Prep Batch: N/A  
Units: MPN/100mL

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

Analyte	Result	Qual	PQL	PQL
Coliform, Fecal	1.0	U	1.0	1.0

**Duplicate - Batch: 660-104470**

**Method: SM 9222D  
Preparation: N/A**

Lab Sample ID: 660-38931-1  
Client Matrix: Water  
Dilution: 10  
Date Analyzed: 12/21/2010 1710  
Date Prepared: N/A

Analysis Batch: 660-104470  
Prep Batch: N/A  
Units: MPN/100mL

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Coliform, Fecal	340	410	19	50	

1/5/2011 10:33:52AM

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

Work Order: NTL2795  
Project Name: Hillsborough County Water  
Project Number: 660-38931  
Date Received: 12/21/10

Attn: Nancy Robertson

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Surface Site 3B2B WACS# 837	NTL2795-01	12/21/10 13:45
Surface Site 3C2 WACS# 838	NTL2795-02	12/21/10 14:10

Samples were received into laboratory at a temperature of 0.70 °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.

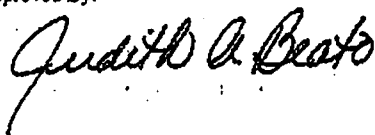
These results relate only to the items tested

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: NTL2795  
 Project: Hillsborough County Water  
 Project Number: 660-38931

Sampled: 12/21/10  
 Received: 12/21/10

**LABORATORY REPORT**

Sample ID: Surface Site 3B2B WACS# 837 - Lab Number: NTL2795-01 - Matrix: Water

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
<b>General Chemistry Parameters</b>											
NA	Chlorophyll-a Uncorrected	11.1		mg/m3	2.00	2.00	1	12/23/10 09:47	SXJ	SM 10200H	10L5558
										Filtered Date: 12-22-10	8:04

**LABORATORY REPORT**

Sample ID: Surface Site 3C2 WACS# 838 - Lab Number: NTL2795-02 - Matrix: Water

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
<b>General Chemistry Parameters</b>											
NA	Chlorophyll-a Uncorrected	2.00	U	mg/m3	2.00	2.00	1	12/23/10 09:50	SXJ	SM 10200H	10L5558
										Filtered Date: 12-22-10	8:06

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

Work Order: NTL2795  
Project: Hillsborough County Water  
Project Number: 660-38931

Sampled: 12/21/10  
Received: 12/21/10

Attn: Nancy Robertson

### SAMPLE EXTRACTION DATA

Parameter	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Method
General Chemistry Parameters	NTL2795-01	1.0 filter	1.0 filter	12/22/2010	SXJ	Filtering
General Chemistry Parameters	NTL2795-02	1.0 filter	1.0 filter	12/22/2010	SXJ	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	mg/m3	10L5558	10L5558-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	11.1	11.1		mg/m3	0	50	10L5558	NTL2795-01

### 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	187		mg/m3	93	80 - 120	10L5558

### 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	177			mg/m3	200	89	5	50	10L5558	

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

Work Order: NTL2795  
Project: Hillsborough County Water  
Project Number: 660-38931

Sampled: 12/21/10  
Received: 12/21/10

Attn: Nancy Robertson

### 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: NTL2795-01, NTL2795-02

### 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: 407-856-0868 • 800-851-

Client: TestAmerica Tampa

Project: NTL2795

Shipped By: Route

Tracking Number:

Cooler Received On: 12/21/10 16:15

And Opened On (Date/Time): 12/21/10 16:15

Received By: Ryan Reich

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: 0.70 Degrees Celsius

Temperature Blank Included: YES \_\_\_ NO

Packing Material: Bubblewrap \_\_\_ NONE  Other: \_\_\_\_\_

Received on Ice: YES  NO \_\_\_ Other: \_\_\_\_\_ Total # Of Containers: 2 # 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? 2

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

Was there enough sample shipped in each container? YES  NO  1/2-22-10

Correct Preservatives Used? YES  NO \_\_\_ If No, see comments:

Project Manager: Judith A Beato

Corrective Actions Taken

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660-38931

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Asc REP. OF SOLID WASTE DEPT. 12-21-10 | 9:50

LOCATION: SURFACE SITE 3C2 WACS# 838

SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_ PERSONAL ENGAGED IN SAMPLE

COLLECTION  A. Balloon  JF  RA

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JF	2:10	12.77	233	6.85	10.21	1.8 =

COLORS & SHEENS: YES CLEAR  SHEENS

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL	3	40 ml VIAL	
7	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	4	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
4	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
3	BACTERIAL		BACTERIAL	

21 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

12-21-10 | 2:10

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 NES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: \_\_\_\_\_ DATE | TIME  
 ACCEPTED BY: Asc REP. OF SOLID WASTE DEPT. 12-21-10 | 15:10  
 \_\_\_\_\_ REP. OF CONTRACT LAB. 12-21-10 | 15:10

COMMENTS: W.D.# 0027 STAFF GA 1.38 1.02

Rec'd by Amanda Hamilton 12/21/10 11:30

Rec'd by [Signature] 12-21-10 16:50 0.7°C 1.7°C CU07

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 9:30

LOCATION: SURFACE SITE 3B2B WACS# 837

SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_ PERSONAL ENGAGED IN SAMPLE

COLLECTION  A. Balloon  FR  FR

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>ABC</u>	<u>1:45</u>	<u>12.1</u>	<u>229</u>	<u>7.21</u>	<u>7.32</u>	<u>25.9</u>

COLORS & SHEENS: YES CLEAR  SHEENS

SAMPLE CONTAINERS

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

21 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME

12-21-10 | 1:45

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: ABC REP. OF SOLID WASTE DEPT. 12-21-10 | 1:50  
 ACCEPTED BY: FR REP. OF CONTRACT LAB. 12-21-10 | 1:50

COMMENT'S: W020027 STAKE 1-38 1630

12/21/10  
 rec'd Amanda [signature] 12/21/10 1630 1.7°Cu07



660-38931

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 | 9:50

LOCATION: SURFACE SITE 3C2 WACS# 838

SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_ PERSONAL ENGAGED IN SAMPLE

COLLECTION  A.Balloon  JF  RA

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>JF</u>	<u>2:10</u>	<u>12.77</u>	<u>233</u>	<u>6.95</u>	<u>10.21</u>	<u>1.8</u>

COLORS & SHEENS: YES CLEAR NO SHEENS

SAMPLE CONTAINERS

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

21 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-21-10 | 2:10

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 NES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:  
RELINQUISHED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 | 1510  
ACCEPTED BY: JF REP. OF CONTRACT LAB. 12-21-10 | 1510

COMMENT'S: WDT# 0027 STAFF GA 1.38 1.02  
rel JF 12/21/10  
Recd Amanda 12/21/10 11:30

1.7°C CU-07/05/2011

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: ASL REP. OF SOLID WASTE DEPT. 12-21-10 9:30

LOCATION: SURFACE SITE 3B2B WACS# 837

SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_ PERSONAL ENGAGED IN SAMPLE

COLLECTION  A. Balloon  DF  RR

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>ASL</u>	<u>1:45</u>	<u>12.1</u>	<u>229</u>	<u>7.21</u>	<u>7.32</u>	<u>25.9 =</u>

COLORS & SHEENS: YES CLEAR  NO SHEENS

SAMPLE CONTAINERS

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

21 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-21-10 | 1:45

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: ASL REP. OF SOLID WASTE DEPT. 12-21-10 | 1:50  
ACCEPTED BY: JR REP. OF CONTRACT LAB. 12-21-10 | 1:50

COMMENT'S: W020027      STAFF 1.38      1630

12/21/10      1630      1017/12/21/10



660-38945

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 9:50

LOCATION: TH-58 WACS# 1571 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION LA. Balloon  JP  RA

WELL DIAMETER: <u>2.0</u> INCH:			DATE   TIME
TOTAL DEPTH OF WELL: <u>32.92</u> Ft.		PURGE STARTED: <u>12-21-10</u> <u>11:32</u>	
DEPTH TO WATER: <u>28.34</u> Ft.		PURGE RATE: <u>120</u> GPM.	
LENGTH OF WATER COL: <u>4.58</u> Ft.		DATE   TIME	
VOLUME TO PURGE: <u>.7</u> Gal.		PURGE ENDED: <u>12-21-10</u> <u>11:40</u>	
		ACT. VOL. PURGED: <u>116</u> GAL.	

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>JP</u>	<u>11:36</u>	<u>25.9</u>	<u>1018</u>	<u>5.76</u>	<u>1.38</u>	<u>4.20</u>
<u>JP</u>	<u>11:38</u>	<u>26.6</u>	<u>1003</u>	<u>5.76</u>	<u>1.30</u>	<u>1.70</u>
<u>JP</u>	<u>11:40</u>	<u>26.0</u>	<u>970</u>	<u>5.76</u>	<u>1.20</u>	<u>1.90</u>

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-21-10 | 11:010

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 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 1510

ACCEPTED BY: JP REP. OF CONTRACT LAB. 12-21-10 1630

COMMENT'S: rel. JP 12/21/10 1630  
and Carol Michaelly 12/21/10 1630

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 12-21-10 | 9:50

LOCATION: P-18S SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  JF  RR

WELL DIAMETER: 2.0 INCH:  
 TOTAL DEPTH OF WELL: 42.50 Ft.  
 DEPTH TO WATER: 18.90 Ft.  
 LENGTH OF WATER COL: 23.6 Ft.  
 VOLUME TO PURGE: 3.5 Gal.

DATE	TIME
<u>12-21-10</u>	<u>11:58</u>
PURGE STARTED:	
<u>.25</u>	GPM.
DATE	TIME
<u>12-21-10</u>	<u>12:26</u>
PURGE ENDED:	
<u>7</u>	GAL.
ACT. VOL. PURGED:	

28

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>JF</u>	<u>12:18</u>	<u>26.4</u>	<u>92</u>	<u>4.57</u>	<u>.45</u>	<u>926.5</u>
<u>JF</u>	<u>12:22</u>	<u>26.4</u>	<u>92</u>	<u>4.57</u>	<u>.44</u>	<u>883.8</u>
<u>JF</u>	<u>12:26</u>	<u>26.4</u>	<u>94</u>	<u>4.56</u>	<u>.44</u>	<u>853.30</u>

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
 DATE | TIME  
12-21-10 | 12:26

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES:  
 RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 12-21-10 | 1510  
 ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 12-21-10 | 1610

COMMENTS: wo #0027      rel the 12/21/10 1630  
Red and McMillan 12/21/10 1650

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_

REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY:       *Apu*      

REP. OF SOLID WASTE DEPT. 12-21-10 9:50

LOCATION: TH-28A WACS# 19862

SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION

A. Balloon  JF  AR

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 34.30 Ft.

DEPTH TO WATER: 28.90 Ft.

LENGTH OF WATER COL: 5.0 Ft.

VOLUME TO PURGE: 0.8 Gal.

PURGE STARTED: \_\_\_\_\_

PURGE RATE: \_\_\_\_\_

PURGE ENDED: \_\_\_\_\_

ACT. VOL. PURGED: \_\_\_\_\_

DATE	TIME
12-21-10	11:05
0.25	GPM.
DATE	TIME
12-21-10	11:18
48	GAL.
2.6	M 13

**FIELD PARAMETERS:**

BY	TIME	TEMP	COND	PH	DO	TURB
AB JF	11:14	25.4	210	5.24	1.80	26.8 =
AB JF	11:16	25.3	209	5.21	1.84	25.6
AB JF	11:18	25.3	209	5.22	1.71	25.9

**SAMPLE CONTAINERS**

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

12-21-10 11:18

**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 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: \_\_\_\_\_

REP. OF SOLID WASTE DEPT. 12-21-10 1512

ACCEPTED BY:       *JF*      

REP. OF CONTRACT LAB. 12-21-10 1512

COMMENTS:

W0#0027

cel JFinc 12/21/10 1630  
beck Carl McHully 12/21/10 1630

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME \_\_\_\_\_

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 9:50

LOCATION: BLANK, EQUIPMENT SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  JF  B

FIELD PARAMETERS: N/A

**SAMPLE CONTAINERS**

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-21-10 | 9:55

**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 2/10 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: \_\_\_\_\_ DATE | TIME \_\_\_\_\_

RELINQUISHED BY: ABC REP. OF SOLID WASTE DEPT 12-21-10 1510

ACCEPTED BY: JAC REP. OF CONTRACT LAB. 12-21-10 1510

COMMENT'S: rel time 12/21/10 1630  
Red label missing 12/21/10 1630

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: AR REP. OF SOLID WASTE DEPT. 12-21-10 9:50

LOCATION: TH-40 WACS# 822 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  JF  AR

WELL DIAMETER: 2.0 INCH:  
 TOTAL DEPTH OF WELL: 165.90 Ft.  
 DEPTH TO WATER: 115.05 Ft.  
 LENGTH OF WATER COL: 50.85 Ft.  
 VOLUME TO PURGE: 8.1 Gal.

PURGE STARTED: 12-21-10 10:00  
 PURGE RATE: 1.0 GPM.  
 PURGE ENDED: 12-21-10 10:18  
 ACT. VOL. PURGED: 18 GAL.

18 min

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JF	10:12	23.3	354	7.54	1.23	.40 =
AB JF	10:15	23.2	350	7.58	1.12	.70
AB JF	10:18	23.3	348	7.61	1.06	.30

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
 DATE | TIME  
12-21-10 10:18

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 Y/N SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES  
 RELINQUISHED BY: AR REP. OF SOLID WASTE DEPT. 12-21-10 15:10  
 ACCEPTED BY: JF REP. OF CONTRACT LAB. 12-21-10 15:10

COMMENT'S: NOY# rel. JF 12/21/10 1630  
Red Anal. McMillan 12/21/10 1630



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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 9:50

LOCATION: TH-57 WACS# 1570 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  JF  AR

WELL DIAMETER: 2.0 INCH:  
TOTAL DEPTH OF WELL: 26.83 Ft.  
DEPTH TO WATER: 20.18 Ft.  
LENGTH OF WATER COL: 6.65 Ft.  
VOLUME TO PURGE: 1.0 Gal.

PURGE STARTED:	<u>12-21-10</u>	<u>10:25</u>
PURGE RATE:	<u>.20</u>	GPM.
PURGE ENDED:	<u>12-21-10</u>	<u>10:45</u>
ACT. VOL. PURGED:	<u>2</u>	GAL.

10

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>JF</u>	<u>10:41</u>	<u>26.0</u>	<u>143</u>	<u>5.08</u>	<u>1.76</u>	<u>.60</u>
<u>JF</u>	<u>10:42</u>	<u>26.1</u>	<u>143</u>	<u>5.06</u>	<u>1.64</u>	<u>.30</u>
<u>JF</u>	<u>10:45</u>	<u>26.1</u>	<u>144</u>	<u>5.05</u>	<u>1.60</u>	<u>.60</u>

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-21-10 10:45

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 Y/N SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: \_\_\_\_\_  
RELINQUISHED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 15:10  
ACCEPTED BY: JF REP. OF CONTRACT LAB. 12-21-10 15:10

COMMENT'S: rel. Tpac 12/21/10 1630  
Peri Carol McHarty 12/21/10 1630

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: ABC REP. OF SOLID WASTE DEPT / 12-21-10 9:50

LOCATION: TH-19 WACS# 821 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  JF  RR

WELL DIAMETER: 2.0 INCH: \_\_\_\_\_  
 TOTAL DEPTH OF WELL: 153.60 Ft. PURGE STARTED: 12-21-10 2:48  
 DEPTH TO WATER: 117.30 Ft. PURGE RATE: 1.0 GPM.  
 LENGTH OF WATER COL: 36.3 Ft. DATE | TIME  
 VOLUME TO PURGE: 5.8 Gal. PURGE ENDED: 12-21-10 2:58  
 ACT. VOL. PURGED: 2.0 GAL.

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AP JF	2:54	23.1	392	7.34	1.53	.70 =
AP JF	2:56	23.2	392	7.35	1.49	.30
AP JF	2:58	23.2	392	7.37	1.34	.20

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	
	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	

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
 DATE | TIME  
12-21-10 | 2:38

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 2.55 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:  
 RELINQUISHED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 1510  
 ACCEPTED BY: JF REP. OF CONTRACT LAB. 12-21-10 1510

COMMENT'S: WOC# 0027 rel. JF 12/21/10 1630  
Head Anal Mc Nulty 12/21/10 1630

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: AJ REP. OF SOLID WASTE DEPT. 12-21-10 9:50

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION :  A.Balloon  JF  RR

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
 DATE | TIME  
12-21-10 | \_\_\_\_\_

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 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: \_\_\_\_\_  
 RELINQUISHED BY: AJ REP. OF SOLID WASTE DEPT. 12-21-10 1510  
 ACCEPTED BY: Jme REP. OF CONTRACT LAB. 12-21-10 1610

COMMENT'S: W0#0027      rel. Jme 12/21/10 1630  
Red Carol Mcmully 12/21/10 1630

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 9:50

LOCATION: TH-42 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  JK  AR

WELL DIAMETER: 2.0 INCH: 160.10  
 TOTAL DEPTH OF WELL: 164 Ft. PURGE STARTED: 12-21-10 12:50  
 DEPTH TO WATER: 89.31 Ft. PURGE RATE: 1.0 GPM.  
 LENGTH OF WATER COL: 70.79 Ft. PURGE ENDED: 12-21-10 1:29  
 VOLUME TO PURGE: 11.3 Gal. ACT. VOL. PURGED: 49 GAL.

49

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>JK</u>	<u>1:23</u>	<u>23.7</u>	<u>497</u>	<u>7.24</u>	<u>.78</u>	<u>876</u> =
<u>JK</u>	<u>1:26</u>	<u>23.7</u>	<u>496</u>	<u>7.28</u>	<u>.78</u>	<u>860</u>
<u>JK</u>	<u>1:29</u>	<u>23.7</u>	<u>496</u>	<u>7.29</u>	<u>.77</u>	<u>796</u>

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
 DATE | TIME  
12-21-10 1:29

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 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:  
 RELINQUISHED BY: ABC REP. OF SOLID WASTE DEPT. 12-21-10 150  
 ACCEPTED BY: JK REP. OF CONTRACT LAB. 12-21-10 150

COMMENT'S: LOT#0027 1630  
12/21/10 1630

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 12-21-10 9:30

LOCATION: TRAVEL BLANK SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION:  A. Balloon  JF

CONTAINER CODE:

NO.	COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED	
					DATE	TIME
2		VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	12-21-10	9:53

2 TOTAL No. OF SAMPLES COLLECTED:

ANALYSIS REQUESTED:

EPA 8260

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

ABOVE LISTED SAMPLES: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 12-21-10 1510

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 12-21-10 1510

COMMENTS: rel. time 12/21/10 1630  
Read Canal Michaelly 12/21/10 1630





**GROUNDWATER SAMPLING LOG SET B**

COC#: \_\_\_\_\_

Meters: HACH Q4100034256 / QED QD01747

SITE NAME: <b>SELF / HGSW</b>		SITE LOCATION: <b>Balm</b>	
WELL NO:	SAMPLE ID: <b>7A 78A</b>	DATE: <b>12/10</b>	

**PURGING DATA**

WELL DIAMETER (inches): <b>2"</b>	TUBING DIAMETER (inches): <b>1 1/2"</b>	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): <b>28.90</b>	PURGE PUMP TYPE OR BAILER: <b>BP</b>
Measuring Point Elevation (ft/msl) MP Elevation =		Water Level <input type="checkbox"/> Water Level Elevation <input type="checkbox"/>		

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  
 (only fill out if applicable)  
 = **34.30** feet **28.90** (5.40) feet X **.14** gallons/foot = **.86** gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>33.30</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>33.30</b>	PURGING INITIATED AT: <b>11:05</b>	PURGING ENDED AT: <b>11:18</b>	TOTAL VOLUME PURGED (gallons): <b>2.60</b>
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TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. mS/cm	DISSOLVED OXYGEN mg/L	TURBIDITY (NTUs)	COLOR describe	ODOR
11:10	1.0	1.0	.20	28.92	5.18	25.4	211	1.78	30.5	cloudy	
11:12	.40	1.40	.20	28.92	5.21	25.4	210	1.95	29.0	cloudy	
11:14	.40	1.80	.20	28.92	5.24	25.4	210	1.90	26.8	cloudy	
11:16	.40	2.20	.20	28.92	5.21	25.3	209	1.84	25.6	cloudy	
11:18	.40	2.60	.20	28.92	5.22	25.3	209	1.71	25.9	cloudy	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
 TUBING INSIDE DIA. CAPACITY (Gal./ft): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
 PURGING EQUIPMENT CODES: B = Bailor, BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <b>S. Pringle / TAMM</b>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: <b>10:58</b>	SAMPLING ENDED AT: <b>11:20</b>
PUMP OR TUBING DEPTH IN WELL (feet): <b>33.30</b>	TUBING MATERIAL CODE: <b>T</b>	FIELD-FILTERED: <b>Y</b>	FILTER SIZE: _____ µm

FIELD DECONTAMINATION: PUMP **Y** (N) TUBING **Y** (N (replaced)) DUPLICATE: **Y** (N)

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

REMARKS: **plants meters use dedicated pump + tubing**

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; 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)



**GROUNDWATER SAMPLING LOG SET B**

COC#: \_\_\_\_\_

Meters: HACH 04100034256 / QED QD01747

SITE NAME: <u>SEB / HCSW</u>		SITE LOCATION: <u>Balm</u>	
WELL NO:	SAMPLE ID: <u>TH58</u>	DATE: <u>12/21/10</u>	

**PURGING DATA**

WELL DIAMETER (Inches): <u>2"</u>	TUBING DIAMETER (Inches): <u>1/2"</u>	WELL SCREEN INTERVAL DEPTH: _____ feet to _____ feet	STATIC DEPTH TO WATER (feet): <u>28.34</u>	PURGE PUMP TYPE OR BAILER: <u>BP</u>
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)  
 =  $(31.92 \text{ feet} - 28.34 \text{ feet}) \times 1.10 \text{ gallons/foot} = 3.92 \text{ gallons}$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
 (only fill out if applicable)  
 = \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>31.92</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>31.92</u>	PURGING INITIATED AT: <u>1132</u>	PURGING ENDED AT: <u>1140</u>	TOTAL VOLUME PURGED (gallons): <u>1.00</u>
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. mS/cm	DISSOLVED OXYGEN mg/L	TURBIDITY (NTUs)	COLOR describe	ODOR
1136	.80	.80	.20	28.4	5.70	24.9	1018	1.38	920	clear	no
1138	.40	1.20	.20	28.4	5.70	26.0	1003	1.30	170	clear	no
1140	.40	1.60	.20	28.4	5.70	26.0	970	1.20	290	clear	no

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" = 0.0028; 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: <u>Benjamin J. Tampa</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	SAMPLING INITIATED AT: <u>1136</u>	SAMPLING ENDED AT: <u>1140</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>31.92</u>	TUBING MATERIAL CODE: <u>T</u>	FIELD-FILTERED: <u>Y</u>	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP <u>Y</u> <u>(N)</u>	TUBING <u>Y</u> <u>(N)</u> (replaced)	DUPLICATE: <u>Y</u> <u>(N)</u>	

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

REMARKS: Client's not used dedicated pump + tubing

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

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

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

**GROUNDWATER SAMPLING LOG SET B**

COC#: \_\_\_\_\_

Meters: HACH 04100034256 / QED QD01747

SITE NAME: <b>SELF / ACSU</b>	SITE LOCATION: <b>Balm</b>
WELL NO.:	SAMPLE ID: <b>2A-5</b> DATE: <b>2/21/10</b>

**PURGING DATA**

WELL DIAMETER (inches): <b>2'</b>	TUBING DIAMETER (inches): <b>1 1/2"</b>	WELL SCREEN INTERVAL DEPTH: _____ feet to _____ feet	STATIC DEPTH TO WATER (feet): <b>18.90</b>	PURGE PUMP TYPE OR BAILER: <b>BP</b>
Measuring Point Elevation (ft/MSL) MP Elevation = _____				

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  
 (only fill out if applicable)  
 = **41.50** feet - **18.90 (B.60)** feet X **1.4** gallons/foot = **3.77** gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
 (only fill out if applicable)  
 = \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet ) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>41.50</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>41.50</b>	PURGING INITIATED AT: <b>1156</b>	PURGING ENDED AT: <b>1226</b>	TOTAL VOLUME PURGED (gallons): <b>7.0</b>
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. mS/cm	DISSOLVED OXYGEN mg/L	TURBIDITY (NTUs)	COLOR describe	ODOR
12:14	4.0	4.0	25	19.82	4.57	26.4	91	.52	103	cloudy	yes
12:18	1.0	5.0	25	19.82	4.57	26.4	92	.45	92.5	cloudy	yes
12:22	1.0	6.0	25	19.82	4.57	26.4	92	.44	83.5	cloudy	yes
12:26	1.0	7.0	25	19.82	4.56	26.4	94	.44	83.5	cloudy	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" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <b>Benjamin J. Tampa</b>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: <b>1155</b>	SAMPLING ENDED AT: <b>1234</b>
PUMP OR TUBING DEPTH IN WELL (feet): <b>41.50</b>	TUBING MATERIAL CODE: <b>T</b>	FIELD-FILTERED: <b>Y</b>	FILTER SIZE: _____ µm

FIELD DECONTAMINATION: PUMP **Y**  TUBING **Y**  (replaced)      DUPLICATE: **Y**

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			
<b>Sealed</b>									

REMARKS: **newly installed well + pump was a piezometer clients makes used dedicate pump + tubing**

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; RPPP = 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)

**GROUNDWATER SAMPLING LOG SET B**

COC#: \_\_\_\_\_

Meters: HACH 04100034256 / QED QD01747

SITE NAME: <b>SELF / ASW</b>	SITE LOCATION: <b>Balm</b>
WELL NO:	SAMPLE ID: <b>TH 42</b>
DATE: <b>12/21/10</b>	

**PURGING DATA**

WELL DIAMETER (inches): <b>2"</b>	TUBING DIAMETER (inches): <b>1 1/2"</b>	WELL SCREEN INTERVAL DEPTH: _____ feet to _____ feet	STATIC DEPTH TO WATER (feet): <b>89.31</b>	PURGE PUMP TYPE OR BAILER: <b>BP</b>
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)  
 = **160.10** feet - **89.31** (70.79) feet X **1.26** gallons/foot = **11.32** gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
 (only fill out if applicable)  
 = \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>159.10</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>159.10</b>	PURGING INITIATED AT: <b>1250</b>	PURGING ENDED AT: <b>1329</b>	TOTAL VOLUME PURGED (gallons): <b>39.0</b>
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TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. mS/cm	DISSOLVED OXYGEN mg/L	TURBIDITY (NTUs)	COLOR describe	ODOR
B02	1.0	1.0	1.0	109.10	7.22	23.7	500	1.11	1412	cloudy	no
B05	3.0	15.0	1.0	109.85	7.22	23.7	500	1.02	1022	cloudy	no
B08	3.0	18.0	1.0	110.19	7.22	23.7	499	0.94	807	cloudy	no
B12	3.0	21.0	1.0	111.20	7.24	23.7	498	0.88	911	cloudy	no
B14	3.0	24.0	1.0	112.90	7.23	23.7	498	0.80	857	cloudy	no
B17	3.0	27.0	1.0	113.30	7.21	23.7	497	0.79	761	cloudy	no
B20	3.0	30.0	1.0	113.65	7.25	23.7	497	0.79	551	cloudy	no
B23	3.0	33.0	1.0	114.50	7.21	23.7	497	0.78	876	cloudy	no
B26	3.0	36.0	1.0	114.52	7.22	23.72	496	0.78	860	cloudy	no
B29	3.0	39.0	1.0	114.52	7.29	23.7	496	0.77	796	cloudy	no

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" = 0.0028; 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: <b>Anthony Pata...</b>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: <b>1245</b>	SAMPLING ENDED AT: <b>1335</b>
PUMP OR TUBING DEPTH IN WELL (feet): <b>159.10</b>	TUBING MATERIAL CODE: <b>T</b>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/>	

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

REMARKS: **new well + pump - was 9 pieced**  
**clients meter used electric pump + tubing**

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; 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)

GROUNDWATER SAMPLING LOG SET B

COC#: \_\_\_\_\_

Meters: HACH 04100034256 / QED.QD01747

SITE NAME: <u>SFLF / ACSW</u>	SITE LOCATION: <u>Balm</u>	
WELL NO:	SAMPLE ID: <u>TH 19</u>	DATE: <u>12/21/10</u>

PURGING DATA

WELL DIAMETER (inches): <u>2"</u>	TUBING DIAMETER (inches): <u>1/2"</u>	WELL SCREEN INTERVAL DEPTH: _____ feet to _____ feet	STATIC DEPTH TO WATER (feet): <u>117.30</u>	PURGE PUMP TYPE OR BAILER: <u>BP</u>
Measuring Point Elevation (ft/mt) _____ MP Elevation = _____				

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  
 (only fill out if applicable)  
153.60 feet - 117.30 (or 30) feet X 1.6 gallons/foot = 5.80 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
 (only fill out if applicable)  
 = \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>152.60</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>152.60</u>	PURGING INITIATED AT: <u>1448</u>	PURGING ENDED AT: <u>1456</u>	TOTAL VOLUME PURGED (gallons): <u>10.0</u>
--	--	-----------------------------------	-------------------------------	--

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. mS/cm	DISSOLVED OXYGEN mg/L	TURBIDITY (NTUs)	COLOR describe	ODOR
<u>1454</u>	<u>6.0</u>	<u>6.0</u>	<u>1.0</u>	<u>117.98</u>	<u>7.34</u>	<u>23.1</u>	<u>392</u>	<u>1.53</u>	<u>0.70</u>	<u>Clear</u>	<u>no</u>
<u>1456</u>	<u>2.0</u>	<u>8.0</u>	<u>1.0</u>	<u>117.98</u>	<u>7.35</u>	<u>23.2</u>	<u>392</u>	<u>1.49</u>	<u>0.30</u>	<u>Clear</u>	<u>no</u>
<u>1458</u>	<u>2.0</u>	<u>10.0</u>	<u>1.0</u>	<u>117.98</u>	<u>7.37</u>	<u>23.2</u>	<u>392</u>	<u>1.34</u>	<u>0.20</u>	<u>Clear</u>	<u>no</u>

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" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>Joanine T. Tampa</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	SAMPLING INITIATED AT: <u>1446</u>	SAMPLING ENDED AT: <u>1505</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>152.60</u>	TUBING MATERIAL CODE: <u>T</u>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> (N)	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> (N)	TUBING Y <input checked="" type="checkbox"/> (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> (N)	

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: diets meters used dedicated pump + tubing

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

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

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

660-38955

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY:

REP. OF CONTRACT LAB.

ACCEPTED BY:

Arce

REP. OF SOLID WASTE DEPT. / 12-22-10 | 9:50

LOCATION: WEEKS

SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION

A. Balloon  JF

WELL VOLUME TO PURGE: 15 MIN:

PURGE STARTED: DATE / 12-22-10 TIME 9:40

ACTUAL PURGE TIME: \_\_\_\_\_ MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>JF</u>	<u>9:55</u>	<u>22.8</u>	<u>465</u>	<u>7.04</u>	<u>1.89</u>	<u>1.40</u>
<u>JF</u>	<u>9:57</u>	<u>22.8</u>	<u>465</u>	<u>7.05</u>	<u>1.89</u>	<u>1.10</u>
<u>JF</u>	<u>9:59</u>	<u>22.8</u>	<u>465</u>	<u>7.05</u>	<u>1.88</u>	<u>1.02</u>

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

12-22-10 | 9:59

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 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

Arce

REP. OF SOLID WASTE DEPT. / 12-22-10 | 1300

ACCEPTED BY:

REP. OF CONTRACT LAB. / 12-22-10 | 1300

COMMENTS: welt 0022

rel JF NO 12/22/10 1410  
Reel used manually 12/22/10 1410

2.9° C 0407

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME \_\_\_\_\_

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. / 12-22-10 | 9:50

LOCATION: Sherrif 1 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  CA. Balloon  JF

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 12-22-10 TIME 10:20

ACTUAL PURGE TIME: \_\_\_\_\_ MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JF	10:35	25.2	325	7.65	.62	.10 =
JF	10:37	25.2	325	7.64	.59	.00
JF	10:39	25.2	325	7.64	.57	.10

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-22-10 | 10:39

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 Y/N SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: \_\_\_\_\_ DATE | TIME \_\_\_\_\_  
RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. / 12-22-10 | 1300  
ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. / 12-22-10 | ROD

COMMENTS: off 0027    rel JF 12/22/10 MTD  
Send final Monthly 12/22/10 1410

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: AB REP. OF SOLID WASTE DEPT. 12-22-10 9:50

LOCATION: Sherrif 2 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A.Balloon  JT

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 12-22-10 TIME \_\_\_\_\_

ACTUAL PURGE TIME: \_\_\_\_\_ MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	JF 11:02	24.3	387	7.46	1.18	.10 =
AB	JF 11:04	24.3	387	7.44	1.15	.10
AB	JF 11:06	24.3	386	7.40	1.09	.10

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME

12-22-10 | 11:06

ANALYSIS REQUESTED:

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

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

ABOVE LISTED SAMPLES: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: AB REP. OF SOLID WASTE DEPT. 12-22-10 1300

ACCEPTED BY: JF REP. OF CONTRACT LAB. 12-22-10 1300

COMMENT'S: wof 0027  
ml JFNO 12/22/10 MID  
Lead Carol Mc hully 12/22/10 1410

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Asce REP. OF SOLID WASTE DEPT. 12-20-10 9:50

LOCATION: HOLLAND SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  \_\_\_\_\_

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 12-22-10 TIME 11:22

ACTUAL PURGE TIME: \_\_\_\_\_ MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AS</u>	<u>JE</u>	<u>11:37</u>	<u>23.9</u>	<u>344</u>	<u>7.21</u>	<u>.79</u>
<u>AS</u>	<u>JE</u>	<u>11:39</u>	<u>24.0</u>	<u>344</u>	<u>7.21</u>	<u>.76</u>
<u>AS</u>	<u>JE</u>	<u>11:41</u>	<u>24.0</u>	<u>344</u>	<u>7.21</u>	<u>.74</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	
	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	

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-22-10 | 11:41

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 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: \_\_\_\_\_  
RELINQUISHED BY: Asce REP. OF SOLID WASTE DEPT. 12-22-10 1300  
ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 12-22-10 1300

COMMENTS: note 0027    rel JE 12/22/10 1410  
Per Land Me Multy 12/22/10 1410



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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: AB REP. OF SOLID WASTE DEPT. 12-22-10 | 9:50

LOCATION: Holdren SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  JF  \_\_\_\_\_

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 12-22-10 TIME 11:53  
ACTUAL PURGE TIME: \_\_\_\_\_ MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB	JF	12:00	23.9	245	7.51	.45
AB	JF	12:10	23.9	245	7.52	.45
AB	JF	12:12	23.9	245	7.51	.45

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-22-10 | 12:12

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 NES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:  
RELINQUISHED BY: AB DATE | TIME  
ACCEPTED BY: JF REP. OF SOLID WASTE DEPT. 12-22-10 | 13:00  
REP. OF CONTRACT LAB. 12-22-10 | 13:00

COMMENTS: watod 27    rel time 1410  
from land Mcully 12/22/10 1410

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 12-20-10 9:50

LOCATION: BARNES SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  JF

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 12-22-10 TIME 12:28

ACTUAL PURGE TIME: \_\_\_\_\_ MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JF	12:43	23.0	315	7.46	3.84	1.90
JF	12:45	23.0	318	7.46	3.80	.50
JF	12:47	23.0	318	7.46	3.78	.40

SAMPLE CONTAINERS

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

11 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-22-10 | 12:47

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 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 12-22-10 1300

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 12-22-10 1300

COMMENT'S: 10 off 0027    rel JF 12/22/10 1410  
Perk Land Me Multy 12/22/10 1410

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

BLANK, TRAVEL

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Abce REP. OF SOLID WASTE DEPT. / 12-22-10 9:50

LOCATION: BLANK, TRAVEL SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION:  A. Balloon  JF

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED	
				DATE	TIME
<u>2</u>	<u>VOC</u>	<u>1:1 HCL</u>	<u>2-40 ml. SEPTUM VIAL</u>	<u>12-22-10</u>	<u>9:50</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: Abce REP. OF SOLID WASTE DEPT. / 12-22-10 13:00

ACCEPTED BY: JF REP. OF CONTRACT LAB. 12-22-10 13:00

COMMENTS: W0#0027

det/Free 12/22/10 1410  
Reel Landfill 12/22/10 1410

**GROUNDWATER SAMPLING LOG SET B**

COC#: \_\_\_\_\_

Meters: HACH 04100034256 / QED QD01747

SITE NAME: SEIF/HCSu SITE LOCATION: Balm  
 WELL NO: \_\_\_\_\_ SAMPLE ID: Weeks DATE: 12/22/10

**PURGING DATA**

WELL DIAMETER (inches): M TUBING DIAMETER (inches): M WELL SCREEN INTERVAL DEPTH: \_\_\_\_\_ feet to \_\_\_\_\_ feet STATIC DEPTH TO WATER (feet): non PURGE PUMP TYPE OR BAILER: value  
 Measuring Point Elevation (ftms) \_\_\_\_\_ 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)  
 = M feet - M feet X \_\_\_\_\_ gallons/foot = \_\_\_\_\_ gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME / (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
 (only fill out if applicable)  
 = \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): M FINAL PUMP OR TUBING DEPTH IN WELL (feet): M PURGING INITIATED AT: 0940 PURGING ENDED AT: 0959 TOTAL VOLUME PURGED (gallons): 57.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. mS/cm	DISSOLVED OXYGEN mg/L	TURBIDITY (NTUs)	COLOR describe	ODOR
0935	45.0	45.0	3.0	NA	7.04	22.8	465	1.89	1.40	clear	no
0957	1.0	46.0	3.0	NA	7.05	22.8	465	1.87	1.10	clear	no
0959	1.0	47.0	3.0	NA	7.05	22.8	465	1.88	1.02	clear	no

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.08; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
 TUBING INSIDE DIA. CAPACITY (Gal./FT): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016  
 PURGING EQUIPMENT CODES: B = Bailer, BP = Bladder Pump, ESP = Electric Submersible Pump, PP = Peristaltic Pump, O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) AFFILIATION: TestAmerica SAMPLER(S) SIGNATURE(S): [Signature] SAMPLING INITIATED AT: 0935 SAMPLING ENDED AT: 1005  
 PUMP OR TUBING DEPTH IN WELL (feet): NA TUBING MATERIAL CODE: NA FIELD-FILTERED: Y  N  FILTER SIZE: \_\_\_\_\_ µm  
 FIELD DECONTAMINATION: PUMP Y  N  TUBING Y  N (replaced)  DUPLICATE: Y  N

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

REMARKS: clients meters used / let well purge 15 min before 1st read private well dedicated pump  
 MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; JPE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

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

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

**GROUNDWATER SAMPLING LOG SET B**

COC#: \_\_\_\_\_

Meters: HACH 04100034256 / QED QD01747

SITE NAME: <u>SELF / ACSW</u>		SITE LOCATION: <u>Balm</u>	
WELL NO.:	SAMPLE ID: <u>Sheriff</u>	DATE: <u>8/22/10</u>	

**PURGING DATA**

WELL DIAMETER (inches): <u>1.75</u>	TUBING DIAMETER (inches): <u>1.75</u>	WELL SCREEN INTERVAL DEPTH: _____ feet to _____ feet	STATIC DEPTH TO WATER (feet): <u>1.75</u>	PURGE PUMP TYPE OR BAILER: <u>None</u>
Measuring Point Elevation (ft/msl) _____		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)  
 = ( 1.75 feet - 1.75 feet ) X \_\_\_\_\_ gallons/foot = \_\_\_\_\_ gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
 (only fill out if applicable)  
 = \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet ) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>1.75</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>1.75</u>	PURGING INITIATED AT: <u>1020</u>	PURGING ENDED AT: <u>1039</u>	TOTAL VOLUME PURGED (gallons): <u>95.0</u>
--	--	-----------------------------------	-------------------------------	--

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. mS/cm	DISSOLVED OXYGEN mg/L	TURBIDITY (NTUs)	COLOR describe	ODOR
<u>1035</u>	<u>75.0</u>	<u>75.0</u>	<u>5.0</u>	<u>1.75</u>	<u>7.65</u>	<u>25.2</u>	<u>335</u>	<u>0.62</u>	<u>0.10</u>	<u>clear</u>	<u>4.5</u>
<u>1037</u>	<u>10.0</u>	<u>85.0</u>	<u>5.0</u>	<u>1.75</u>	<u>7.64</u>	<u>25.2</u>	<u>335</u>	<u>0.59</u>	<u>0.00</u>	<u>clear</u>	<u>4.5</u>
<u>1039</u>	<u>10.0</u>	<u>95.0</u>	<u>5.0</u>	<u>1.75</u>	<u>7.64</u>	<u>25.2</u>	<u>335</u>	<u>0.57</u>	<u>0.10</u>	<u>clear</u>	<u>4.5</u>

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.18; 3" = 0.37; 4" = 0.66; 5" = 1.02; 6" = 1.47; 12" = 5.88  
 TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0008; 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 = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <u>DAVID TA-TAMPA</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	SAMPLING INITIATED AT: <u>1015</u>	SAMPLING ENDED AT: <u>1045</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>1.75</u>	TUBING MATERIAL CODE: <u>PA</u>	FIELD-FILTERED: <u>Y</u>	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP <u>Y</u>	TUBING <u>Y</u> N (replaced) <u>1.75</u>	DUPLICATE: <u>Y</u>	

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

REMARKS: Client meters used / let purge 15 min before 1st read, de-water pump provide well

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 = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)  
 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)



**GROUNDWATER SAMPLING LOG SET B**

COC#: \_\_\_\_\_

Meters: HACH 04100034256 / QED QD01747

SITE NAME: <u>SELF / HSN</u>	SITE LOCATION: <u>Balm</u>	
WELL NO.:	SAMPLE ID: <u>Holland</u>	DATE: <u>12/22/10</u>

**PURGING DATA**

WELL DIAMETER (inches): <u>1.5</u>	TUBING DIAMETER (inches): <u>1.5</u>	WELL SCREEN INTERVAL DEPTH: _____ feet to _____ feet	STATIC DEPTH TO WATER (feet): <u>1.5</u>	PURGE PUMP TYPE OR BAILER: <u>none</u>
Measuring Point Elevation (ft/msl) MP Elevation = _____		Water Level <input type="checkbox"/> Water Level Elevation <input type="checkbox"/>		

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  
 (only fill out if applicable)  
 = 1.5 feet - 1.5 feet X \_\_\_\_\_ gallons/foot = \_\_\_\_\_ gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
 (only fill out if applicable)  
 = \_\_\_\_\_ gallons + ( \_\_\_\_\_ gallons/foot X \_\_\_\_\_ feet ) + \_\_\_\_\_ gallons = \_\_\_\_\_ gallons

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. mS/cm	DISSOLVED OXYGEN mg/L	TURBIDITY (NTUs)	COLOR describe	ODOR
11:37	45.0	45.0	3.0	1.5	7.2	23.9	344	0.29	0.10	clear	no
11:39	6.0	51.0	3.0	1.5	7.2	24.0	344	0.76	0.20	clear	no
11:41	10.0	57.0	3.0	1.5	7.2	24.0	344	0.74	0.20	clear	no

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: <u>Chris... Tampa</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	SAMPLING INITIATED AT: <u>11:30</u>	SAMPLING ENDED AT: <u>11:45</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>1.5</u>	TUBING MATERIAL CODE: <u>1.5</u>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

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

REMARKS: Client's meter used / let well purge 15 min before 1st draw / dedicated pump / 12/22/10

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; 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)

**GROUNDWATER SAMPLING LOG SET B**

COC#: \_\_\_\_\_

Meters: HACH 04100034256 / QED QD01747

SITE NAME: <u>SEIF/HCSW</u>		SITE LOCATION: <u>Balm</u>	
WELL NO:	SAMPLE ID: <u>Folder</u>	DATE: <u>12/22/10</u>	

**PURGING DATA**

WELL DIAMETER (inches): <u>no</u>	TUBING DIAMETER (inches): <u>no</u>	WELL SCREEN INTERVAL DEPTH: _____ feet to _____ feet	STATIC DEPTH TO WATER (feet): <u>no</u>	PURGE PUMP TYPE OR BAILER: <u>valve</u>							
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) = <u>1 no</u> feet - <u>no</u> feet X _____ gallons/foot = _____ gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + ( _____ gallons/foot X _____ feet) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>no</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>no</u>	PURGING INITIATED AT: <u>1153</u>	PURGING ENDED AT: <u>1212</u>	TOTAL VOLUME PURGED (gallons): <u>57.0</u>							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. mS/cm	DISSOLVED OXYGEN mg/L	TURBIDITY (NTUs)	COLOR describe	ODOR
<u>1200</u>	<u>2.0</u>	<u>4.0</u>	<u>3.0</u>	<u>no</u>	<u>7.51</u>	<u>23.9</u>	<u>245</u>	<u>0.45</u>	<u>0.30</u>	<u>clear</u>	<u>no</u>
<u>1210</u>	<u>2.0</u>	<u>6.0</u>	<u>3.0</u>	<u>no</u>	<u>7.52</u>	<u>23.9</u>	<u>245</u>	<u>0.45</u>	<u>0.20</u>	<u>clear</u>	<u>no</u>
<u>1212</u>	<u>2.0</u>	<u>8.0</u>	<u>3.0</u>	<u>no</u>	<u>7.51</u>	<u>23.9</u>	<u>245</u>	<u>0.45</u>	<u>0.20</u>	<u>clear</u>	<u>no</u>
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" = 0.006; 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: <u>Saifine To Tampa</u>		SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>		SAMPLING INITIATED AT: <u>1151</u>	SAMPLING ENDED AT: <u>1217</u>			
PUMP OR TUBING DEPTH IN WELL (feet): <u>no</u>		TUBING MATERIAL CODE: <u>no</u>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Filtration Equipment Type: <u>1</u>				
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING Y <input checked="" type="checkbox"/> N (replaced) <u>no</u>		DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPL E ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
<u>See COL</u>								
REMARKS: <u>plants meters used / let well purge 15 min before 1st sample / deaerate gmp / prime well</u>								
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; 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)



**GROUNDWATER SAMPLING LOG SET B**

COC#: \_\_\_\_\_

Meters: HACH 04100034256 / QED QD01747

SITE NAME: <b>SEIF / ACSU</b>		SITE LOCATION: <b>Balm</b>	
WELL NO:	SAMPLE ID: <b>Baines</b>	DATE: <b>12/22/10</b>	

**PURGING DATA**

WELL DIAMETER (inches): <b>no</b>	TUBING DIAMETER (inches): <b>no</b>	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): <b>no</b>	PURGE PUMP TYPE OR BAILER: <b>valve</b>							
Measuring Point Elevation (ftmsl) MP Elevation = _____											
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = <b>no</b> feet - <b>no</b> feet X _____ gallons/foot = _____ gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + ( _____ gallons/foot X _____ feet) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>no</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>no</b>	PURGING INITIATED AT: <b>1228</b>	PURGING ENDED AT: <b>1247</b>	TOTAL VOLUME PURGED (gallons): <b>57.0</b>							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. mS/cm	DISSOLVED OXYGEN mg/L	TURBIDITY (NTUs)	COLOR describe	ODOR
1243	45.0	45.0	3.0	no	7.46	23.0	315	3.84	1.90	clear	no
1245	10.0	55.0	3.0	no	7.46	23.0	318	3.80	0.50	clear	no
1247	10.0	57.0	3.0	no	7.46	23.0	318	3.78	0.40	clear	no
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; 6" = 1.02; 8" = 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" = 0.008; 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: <b>Sam Fine TA Tampa</b>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: <b>1243</b>	SAMPLING ENDED AT:			
PUMP OR TUBING DEPTH IN WELL (feet): <b>no</b>		TUBING MATERIAL CODE: <b>no</b>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> <b>no</b>	Filter Size: _____ µm				
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> <b>no</b>		TUBING Y <input checked="" type="checkbox"/> <b>no</b> (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> <b>no</b>					
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)			
				<b>Seal</b>	<b>COE</b>			
REMARKS: <b>clients meter used / let well purge 15 min before 1st read / electric pump private well</b>								
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; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)								

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

## Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-38931-1

**Login Number: 38931**  
**Creator: Harrison, Amanda**  
**List Number: 1**

**List Source: TestAmerica Tampa**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	1.7 degrees C CU-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	trip blank recd
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

## Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-38931-1

**Login Number: 38931**  
**Creator: Daughtry, Beth**  
**List Number: 1**

**List Source: TestAmerica Savannah**  
**List Creation: 12/23/10 08:27 AM**

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

## Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-38931-1

**Login Number: 38931**  
**Creator: Shipley, Mark**  
**List Number: 1**

**List Source: TestAmerica Tallahassee**  
**List Creation: 12/23/10 09:49 AM**

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

## Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-38931-1

**Login Number: 38945**  
**Creator: McNulty, Carol**  
**List Number: 1**

**List Source: TestAmerica Tampa**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	1.9, 1.7 degrees C Cu-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

## Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-38931-1

**Login Number: 38945**  
**Creator: Daughtry, Beth**  
**List Number: 1**

**List Source: TestAmerica Savannah**  
**List Creation: 12/23/10 08:27 AM**

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

## Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-38931-1

**Login Number: 38955**  
**Creator: McNulty, Carol**  
**List Number: 1**

**List Source: TestAmerica Tampa**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	2.9 degrees C Cu-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

## Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-38931-1

**Login Number: 38955**  
**Creator: Daughtry, Beth**  
**List Number: 1**

**List Source: TestAmerica Savannah**  
**List Creation: 12/23/10 08:27 AM**

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



Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 838  
 WACS Testsite Name: Surface Site 3C  
 Water Classification: SW-IIIIF  
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/21/2010 2:10:00PM  
 Sampling Method: Grab  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034215	Acrylonitrile	N	E84282	8260B	12/23/2010 12:15:00AM	1.2	1.2	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/21/2010 2:10:00PM	10.21		mg/L	
001077	Silver	N	E87052	6020A	1/5/2011 8:28:00AM	0.25	0.25	ug/L	U
001147	Selenium	N	E87052	6020A	1/5/2011 6:28:00AM	1	1	ug/L	U
001067	Nickel	N	E87052	6020A	1/5/2011 6:28:00AM	2	2	ug/L	U
001051	Lead	N	E87052	6020A	1/5/2011 8:28:00AM	0.2	0.2	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 6:28:00AM	140	33	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 6:28:00AM	1.1	1.1	ug/L	U
000665	Phosphorus, Total	N	E84282	365.4	1/3/2011 5:46:00PM	0.55	0.1	mg/L	
031616	Coliform, Fecal	N	E84282	SM 9222D	12/21/2010 5:10:00PM	340	10	MPN/100mL	
000812	Unionized Ammonia as NH3	N	E84282	UnionizedNH3	1/4/2011 3:18:00PM	0.0004	0.00014	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	12/21/2010 2:10:00PM	12.77		Degrees C	
081552	Acetone	N	E84282	8260B	12/23/2010 12:15:00AM	9.9	9.9	ug/L	JU
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/23/2010 12:15:00AM	0.18	0.18	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/23/2010 12:15:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/23/2010 12:15:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/23/2010 12:15:00AM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/23/2010 12:15:00AM	8.4	8.4	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 6:28:00AM	0.15	0.15	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 6:28:00AM	1.4	1.3	ug/L	I
000530	Total Suspended Solids	N	E84282	SM 2540D	12/28/2010 8:00:00AM	1.2	1	mg/L	
034546	trans-1,2-Dichloroethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.44	0.44	ug/L	U
077093	cis-1,2-Dichloroethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/23/2010 12:15:00AM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.34	0.34	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.41	0.41	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/23/2010 12:15:00AM	0.44	0.44	ug/L	U
077424	Iodcmethane	N	E84282	8260B	12/23/2010 12:15:00AM	2.5	2.5	ug/L	U
034476	Tetrachloroethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/23/2010 12:15:00AM	0.98	0.98	ug/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 6:28:00AM	2.3	2.3	ug/L	U
034010	Toluene	N	E84282	8260B	12/23/2010 12:15:00AM	0.51	0.51	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/23/2010 12:15:00AM	3.8	3.8	ug/L	U
000815	Nitrite (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
000310	Biochemical Oxygen Demand	N	E84282	5210B	12/23/2010 8:50:00AM	2	2	mg/L	U
000340	Chemical Oxygen Demand	N	E84282	5220 D	12/29/2010 3:30:00PM	36	10	mg/L	
000880	Total Organic Carbon	N	E81005	SM 5310C	12/30/2010 4:20:00PM	14	0.35	mg/L	
000600	Nitrogen, Total	N	E84282	Total Nitrogen	1/4/2011 12:57:00PM	0.43	0.01	mg/L	
000406	Field pH	N	E84282	DEP-SOP	12/21/2010 2:10:00PM	6.95		SU	
034423	Methylene Chloride	N	E84282	8260B	12/23/2010 12:15:00AM	4	4	ug/L	U
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
077103	2-Hexanone	N	E84282	8260B	12/23/2010 12:15:00AM	4.4	4.4	ug/L	U
000900	Hardness as calcium carbonate	N	E87052	SM 2340B	1/5/2011 11:23:00AM	110	3.3	mg/L	

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

Printed: 1/5/2011

Page 1 of 2

WACS Facility ID #: 41193  
 WACS Testsite ID #: 838  
 WACS Testsite Name: Surface Site 3C  
 Water Classification: SW-IIIIF  
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/21/2010 2:10:00PM  
 Sampling Method: Grab  
 Permitted Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001087	Vanadium	N	E87052	6020A	1/5/2011 6:28:00AM	6.3	3.8	ug/L	I
032101	Bromochloromethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.35	0.35	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 8:39:00PM	0.091	0.091	ug/L	U
034899	trans-1,3-Dichloropropene	N	E84282	8260B	12/23/2010 12:15:00AM	0.14	0.14	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 6:28:00AM	2.5	2.5	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 6:28:00AM	0.095	0.095	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/21/2010 2:10:00PM	233		umhos/cm	
001007	Barium	N	E87052	6020A	1/5/2011 6:28:00AM	6	1.3	ug/L	
082079	Turbidity	N	E84282	DEP-SOP	12/21/2010 2:10:00PM	1.8		NTU	
034488	Trichlorofluoromethane	N	E84282	8260B	12/23/2010 12:15:00AM	2.5	2.5	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 6:28:00AM	8.3	8.3	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/23/2010 12:15:00AM	2.5	2.5	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 11:22:00AM	150	5	mg/L	
032238	Chlorophyll a	N	E84282	SM 10200H	12/23/2010 9:50:00AM	2	2	mg/m3	U
081551	Xylenes, Total	N	E84282	8260B	12/23/2010 12:15:00AM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/23/2010 12:15:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/23/2010 12:15:00AM	1.5	1.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/23/2010 12:15:00AM	0.5	0.5	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 6:28:00AM	0.25	0.25	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/23/2010 12:15:00AM	1	1	ug/L	U
032106	Chloroform	N	E84282	8260B	12/23/2010 12:15:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/23/2010 12:15:00AM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/23/2010 12:15:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/23/2010 12:15:00AM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/23/2010 12:15:00AM	1	1	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 6:28:00AM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.58	0.58	ug/L	U
000630	Nitrate Nitrite as N	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	12/23/2010 12:15:00AM	0.45	0.45	ug/L	U
078124	Benzene	N	E84282	8260B	12/23/2010 12:15:00AM	0.5	0.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/23/2010 12:15:00AM	2.5	2.5	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.47	0.47	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.15	0.15	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/23/2010 12:15:00AM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/23/2010 1:18:00AM	0.0098	0.0098	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/23/2010 1:18:00AM	0.0098	0.0098	ug/L	U
032104	Bromoform	N	E84282	8260B	12/23/2010 12:15:00AM	0.58	0.58	ug/L	U

Total Parameters Monitored: 83

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 837  
 WACS Testsite Name: Surface Site 3B  
 Water Classification: SW-IIIIF  
(I.e. LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/21/2010 1:45:00PM  
 Sampling Method: Grab  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001007	Barium	N	E87052	6020A	1/5/2011 7:05:00AM	37	1.3	ug/L	
001034	Chromium	N	E87052	6020A	1/5/2011 7:05:00AM	4	2.5	ug/L	I
034371	Ethylbenzene	N	E84282	8260B	12/23/2010 12:38:00AM	0.44	0.44	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/23/2010 12:38:00AM	0.63	0.63	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/23/2010 12:38:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/23/2010 12:38:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/23/2010 12:38:00AM	2.5	2.5	ug/L	U
039180	Trichloroethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.5	0.5	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/23/2010 12:38:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/23/2010 12:38:00AM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	12/23/2010 12:38:00AM	0.44	0.44	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 7:05:00AM	2.8	1.1	ug/L	I
034311	Chloroethane	N	E84282	8260B	12/23/2010 12:38:00AM	2.5	2.5	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.45	0.45	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/23/2010 12:38:00AM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/23/2010 12:38:00AM	1	1	ug/L	U
034538	1,2-Dichlorobenzene	N	E84282	8260B	12/23/2010 12:38:00AM	0.44	0.44	ug/L	U
032104	Bromoform	N	E84282	8260B	12/23/2010 12:38:00AM	0.58	0.58	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 11:22:00AM	130	5	mg/L	U
073085	Bromochloromethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	12/23/2010 12:38:00AM	0.5	0.5	ug/L	U
034010	Toluene	N	E84282	8260B	12/23/2010 12:38:00AM	0.51	0.51	ug/L	U
034475	Tetrachloroethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.5	0.5	ug/L	U
000310	Biochemical Oxygen Demand	N	E84282	5210B	12/23/2010 8:50:00AM	2	2	mg/L	U
000685	Phosphorus, Total	N	E84282	365.4	1/3/2011 5:48:00PM	1.7	0.1	mg/L	U
000615	Nitrite (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
000630	Nitrate Nitrite as N	N	E84282	353.2	12/22/2010 7:33:00PM	0.17	0.1	mg/L	I
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.17	0.1	mg/L	I
000530	Total Suspended Solids	N	E84282	SM 2540D	12/28/2010 8:00:00AM	77	1	mg/L	U
071900	Mercury	N	E87052	7470A	12/28/2010 6:44:00PM	0.091	0.091	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.35	0.35	ug/L	U
077128	Styrene	N	E84282	8260B	12/23/2010 12:38:00AM	0.98	0.98	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 7:05:00AM	0.5	0.5	ug/L	U
000680	Total Organic Carbon	N	E81005	SM 5310C	12/30/2010 4:31:00PM	12	0.35	mg/L	U
000600	Nitrogen, Total	N	E84282	Total Nitrogen	1/4/2011 12:57:00PM	1.3	0.01	mg/L	U
000612	Un-ionized Ammonia as NH3	N	E84282	Un-ionizedNH3	1/4/2011 3:18:00PM	0.00043	0.00014	mg/L	U
001147	Selenium	N	E87052	6020A	1/5/2011 7:05:00AM	1	1	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 7:05:00AM	23	8.3	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 7:05:00AM	4.8	3.8	ug/L	I
034423	Methylene Chloride	N	E84282	8260B	12/23/2010 12:38:00AM	4	4	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.47	0.47	ug/L	U
000340	Chemical Oxygen Demand	N	E84282	5220 D	12/29/2010 3:30:00PM	63	10	mg/L	U
031816	Coliform, Fecal	N	E84282	SM 9222D	12/21/2010 5:10:00PM	790	10	MPN/100mL	U
034215	Acrylonitrile	N	E84282	8260B	12/23/2010 12:38:00AM	1.2	1.2	ug/L	U

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

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 837  
 WACS Testsite Name: Surface Site 3B  
 Water Classification: SW-IIIIF  
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/21/2010 1:45:00PM  
 Sampling Method: Grab  
 Permitted Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034541	1,2-Dichloropropane	N	E84282	8260B	12/23/2010 12:38:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.57	0.57	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/23/2010 12:38:00AM	0.18	0.18	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/23/2010 12:38:00AM	0.5	0.5	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 7:05:00AM	0.17	0.095	ug/L	I
077424	Iodomethane	N	E84282	8260B	12/23/2010 12:38:00AM	2.5	2.5	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/23/2010 12:38:00AM	8.4	8.4	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	12/21/2010 1:45:00PM	7.21		SU	
077103	2-Hexanone	N	E84282	8260B	12/23/2010 12:38:00AM	4.4	4.4	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 7:05:00AM	1.3	1.3	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/21/2010 1:45:00PM	12.1		Degrees C	
001012	Beryllium	N	E87052	6020A	1/5/2011 7:05:00AM	0.25	0.25	ug/L	U
034498	1,1-Dichloroethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.52	0.52	ug/L	U
000900	Hardness as calcium carbonate	N	E87052	SM 2340B	1/5/2011 11:23:00AM	100	3.3	mg/L	
001037	Cobalt	N	E87052	6020A	1/5/2011 7:05:00AM	0.7	0.15	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 7:05:00AM	2500	33	ug/L	
001051	Lead	N	E87052	6020A	1/5/2011 7:05:00AM	1.8	0.2	ug/L	
001097	Antimony	N	E87052	6020A	1/5/2011 7:05:00AM	2.3	2.3	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/23/2010 12:38:00AM	2.5	2.5	ug/L	U
032238	Chlorophyll a	N	E84282	SM 10200H	12/23/2010 9:47:00AM	11.1	2	mg/m3	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.15	0.15	ug/L	U
034508	1,1,1-Trichloroethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.63	0.63	ug/L	U
077851	Ethylene Dibromide	N	E84282	8011	12/23/2010 1:38:00AM	0.0099	0.0099	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/23/2010 1:38:00AM	0.0099	0.0099	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	12/21/2010 1:45:00PM	25.9		NTU	
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/23/2010 12:38:00AM	0.52	0.52	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/21/2010 1:45:00PM	7.32		mg/L	
081552	Acetone	N	E84282	8260B	12/23/2010 12:38:00AM	9.9	9.9	ug/L	JU
001067	Nickel	N	E87052	6020A	1/5/2011 7:05:00AM	2	2	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.41	0.41	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/23/2010 12:38:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/23/2010 12:38:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/23/2010 12:38:00AM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/23/2010 12:38:00AM	1	1	ug/L	U
032108	Chloroform	N	E84282	8260B	12/23/2010 12:38:00AM	0.9	0.9	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/23/2010 12:38:00AM	3.8	3.8	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/21/2010 1:45:00PM	229		umhos/cm	
001077	Silver	N	E87052	6020A	1/5/2011 7:05:00AM	0.25	0.25	ug/L	U

Total Parameters Monitored: 83

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

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Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193

Sample Date/Time: 12/21/2010 12:00:00AM

WACS Testsite ID #:

Sampling Method:

WACS Testsite Name: Trip Blank

Permitted

Water Classification:

Well Type:

(I) LC - Leachate, G-II, SW-III(F)

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034418	Chloromethane	N	E84282	8260B	12/22/2010 11:55:00PM	1	1	ug/L	U
081552	Acetone	N	E84282	8260B	12/22/2010 11:55:00PM	9.9	9.9	ug/L	JU
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 11:55:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 11:55:00PM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.34	0.34	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.52	0.52	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/22/2010 11:55:00PM	0.63	0.63	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/22/2010 11:55:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/22/2010 11:55:00PM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/22/2010 11:55:00PM	2.5	2.5	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/22/2010 11:55:00PM	3.8	3.8	ug/L	U
048283	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/22/2010 11:55:00PM	2.5	2.5	ug/L	U
032108	Chloroform	N	E84282	8260B	12/22/2010 11:55:00PM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/22/2010 11:55:00PM	2.5	2.5	ug/L	U
032104	Bromoform	N	E84282	8260B	12/22/2010 11:55:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	12/22/2010 11:55:00PM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.35	0.35	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/22/2010 11:55:00PM	2.5	2.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/22/2010 11:55:00PM	1	1	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/22/2010 11:55:00PM	0.42	0.42	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/22/2010 11:55:00PM	0.5	0.5	ug/L	U
034010	Toluene	N	E84282	8260B	12/22/2010 11:55:00PM	0.51	0.51	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/22/2010 11:55:00PM	1.2	1.2	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/22/2010 11:55:00PM	4.4	4.4	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/22/2010 11:55:00PM	0.5	0.5	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/22/2010 11:55:00PM	0.18	0.18	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.63	0.63	ug/L	U
077598	Dibromomethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.41	0.41	ug/L	U
034546	trans-1,2-Dichloroethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 11:55:00PM	0.14	0.14	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/22/2010 11:55:00PM	4	4	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/22/2010 11:55:00PM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/22/2010 11:55:00PM	8.4	8.4	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	12/22/2010 11:55:00PM	0.5	0.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/22/2010 11:55:00PM	0.52	0.52	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/22/2010 11:55:00PM	2.5	2.5	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/22/2010 11:55:00PM	0.44	0.44	ug/L	U
077128	Styrene	N	E84282	8260B	12/22/2010 11:55:00PM	0.98	0.98	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/22/2010 11:55:00PM	0.44	0.44	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.45	0.45	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.15	0.15	ug/L	U

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

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

Sample Date/Time: 12/21/2010 12:00:00AM  
 Sampling Method:  
 Permitted  
 Well Type:

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/22/2010 11:55:00PM	0.47	0.47	ug/L	U

Total Parameters Monitored: 45

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 1571  
 WACS Testsite Name: TH-58 WACS#157  
 Water Classification: G-II  
(G = LC - Leachate, G-II, SW-III(P))

Sample Date/Time: 12/21/2010 11:40:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: DE

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001037	Cobalt	N	E87052	6020A	1/5/2011 7:27:00AM	0.54	0.15	ug/L	
001034	Chromium	N	E87052	6020A	1/5/2011 7:27:00AM	2.5	2.5	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 7:27:00AM	0.095	0.095	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 7:27:00AM	0.25	0.25	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 7:27:00AM	33	1.3	ug/L	
001002	Arsenic	N	E87052	6020A	1/5/2011 7:27:00AM	27	1.3	ug/L	
034010	Toluene	N	E84282	8260B	12/24/2010 9:45:00AM	0.51	0.51	ug/L	U
034899	trans-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 9:45:00AM	0.14	0.14	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 7:27:00AM	1.1	1.1	ug/L	U
001077	Silver	N	E87052	6020A	1/5/2011 7:27:00AM	0.25	0.25	ug/L	U
077128	Styrene	N	E84282	8260B	12/24/2010 9:45:00AM	0.98	0.98	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 7:27:00AM	38	0.25	mg/L	
034301	Chlorobenzene	N	E84282	8260B	12/24/2010 9:45:00AM	0.63	0.63	ug/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 7:27:00AM	2.3	2.3	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 7:27:00AM	4700	33	ug/L	
001067	Nickel	N	E87052	6020A	1/5/2011 7:27:00AM	2	2	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/24/2010 9:45:00AM	2.5	2.5	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.52	0.52	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.58	0.58	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/24/2010 9:45:00AM	3.8	3.8	ug/L	U
032104	Bromoform	N	E84282	8260B	12/24/2010 9:45:00AM	0.58	0.58	ug/L	U
081552	Acetone	N	E84282	8260B	12/24/2010 9:45:00AM	9.9	9.9	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/24/2010 9:45:00AM	2.5	2.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/24/2010 9:45:00AM	0.42	0.42	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/24/2010 9:45:00AM	2.5	2.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/24/2010 9:45:00AM	4	4	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.63	0.63	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/24/2010 9:45:00AM	1	1	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/24/2010 9:45:00AM	0.52	0.52	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/24/2010 9:45:00AM	0.18	0.18	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/21/2010 11:40:00AM	26		Degrees C	
032101	Bromodichloromethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.35	0.35	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.46	0.46	ug/L	U
034475	Tetrachloroethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.5	0.5	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/22/2010 9:11:00PM	0.0098	0.0098	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 7:27:00AM	0.66	0.5	ug/L	I
082079	Turbidity	N	E84282	DEP-SOP	12/21/2010 11:40:00AM	0.9		NTU	
034531	1,2-Dichloroethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.57	0.57	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/21/2010 11:40:00AM	1.2		mg/L	
077103	2-Hexanone	N	E84282	8260B	12/24/2010 9:45:00AM	4.4	4.4	ug/L	JU
000406	Field pH	N	E84282	DEP-SOP	12/21/2010 11:40:00AM	5.76		SU	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/22/2010 9:11:00PM	0.0098	0.0098	ug/L	U
034538	1,2-Dichlorobenzene	N	E84282	8260B	12/24/2010 9:45:00AM	0.44	0.44	ug/L	U

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

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 1571  
 WACS Testsite Name: TH-58 WACS#157  
 Water Classification: G-II  
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/21/2010 11:40:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: DE

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	12/24/2010 9:45:00AM	2.5	2.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/24/2010 9:45:00AM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/24/2010 9:45:00AM	8.4	8.4	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/21/2010 11:40:00AM	970		umhos/cm	
034546	trans-1,2-Dichloroethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.44	0.44	ug/L	U
078124	Benzene	N	E84282	8260B	12/24/2010 9:45:00AM	0.5	0.5	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 7:27:00AM	6.6	3.8	ug/L	I
034215	Acrylonitrile	N	E84282	8260B	12/24/2010 9:45:00AM	1.2	1.2	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 9:45:00AM	0.14	0.14	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 6:48:00PM	0.091	0.091	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 7:27:00AM	8.3	8.3	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.34	0.34	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.41	0.41	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/24/2010 9:45:00AM	0.44	0.44	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	12/24/2010 9:45:00AM	0.45	0.45	ug/L	U
001147	Selenium	N	E87052	6020A	1/5/2011 7:27:00AM	1	1	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 9:45:00AM	0.65	0.65	ug/L	U
001051	Lead	N	E87052	6020A	1/5/2011 7:27:00AM	0.2	0.2	ug/L	U
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
000610	Ammonia as N	N	E84282	350.1	1/3/2011 2:47:00PM	0.66	0.01	mg/L	U
000940	Chloride	N	E84282	300	1/4/2011 3:52:00PM	190	2	mg/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 11:24:00AM	490	5	mg/L	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.15	0.15	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/24/2010 9:45:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/24/2010 9:45:00AM	1.5	1.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.9	0.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/24/2010 9:45:00AM	2.5	2.5	ug/L	U
039180	Trichloroethane	N	E84282	8260B	12/24/2010 9:45:00AM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/24/2010 9:45:00AM	0.5	0.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/24/2010 9:45:00AM	1	1	ug/L	U

Total Parameters Monitored: 74

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



Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

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

Sample Date/Time: 12/21/2010 9:53:00AM  
 Sampling Method: \_\_\_\_\_  
 Permitted \_\_\_\_\_  
 Well Type: \_\_\_\_\_

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034488	Trichlorofluoromethane	N	E84282	8260B	12/24/2010 11:48:00AM	2.5	2.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.9	0.9	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/24/2010 11:48:00AM	1.5	1.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.46	0.46	ug/L	U
032104	Bromoform	N	E84282	8260B	12/24/2010 11:48:00AM	0.58	0.58	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.47	0.47	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/24/2010 11:48:00AM	0.63	0.63	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.58	0.58	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 11:48:00AM	0.44	0.44	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/24/2010 11:48:00AM	0.52	0.52	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.35	0.35	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/24/2010 11:48:00AM	2.5	2.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/24/2010 11:48:00AM	0.98	0.98	ug/L	U
034486	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/24/2010 11:48:00AM	0.18	0.18	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/24/2010 11:48:00AM	0.44	0.44	ug/L	U
078124	Benzene	N	E84282	8260B	12/24/2010 11:48:00AM	0.5	0.5	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/24/2010 11:48:00AM	0.52	0.52	ug/L	U
034699	trans-1,3-Dichloropropane	N	E84282	8260B	12/24/2010 11:48:00AM	0.14	0.14	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/24/2010 11:48:00AM	0.5	0.5	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.57	0.57	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/24/2010 11:48:00AM	0.44	0.44	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.15	0.15	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/24/2010 11:48:00AM	1.2	1.2	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/24/2010 11:48:00AM	1	1	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	12/24/2010 11:48:00AM	0.5	0.5	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/24/2010 11:48:00AM	2.5	2.5	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.41	0.41	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropane	N	E84282	8260B	12/24/2010 11:48:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 11:48:00AM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/24/2010 11:48:00AM	1	1	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/24/2010 11:48:00AM	2.5	2.5	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 11:48:00AM	0.63	0.63	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/24/2010 11:48:00AM	8.4	8.4	ug/L	U
081552	Acetone	N	E84282	8260B	12/24/2010 11:48:00AM	9.9	9.9	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/24/2010 11:48:00AM	0.42	0.42	ug/L	U
034010	Toluene	N	E84282	8260B	12/24/2010 11:48:00AM	0.51	0.51	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/24/2010 11:48:00AM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/24/2010 11:48:00AM	0.5	0.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/24/2010 11:48:00AM	2.5	2.5	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/24/2010 11:48:00AM	3.8	3.8	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/24/2010 11:48:00AM	4	4	ug/L	U

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

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

Sample Date/Time: 12/21/2010 9:53:00AM  
 Sampling Method:  
 Permitted  
 Well Type:

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DCHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077103	2-Hexanone	N	E84282	8260B	12/24/2010 11:48:00AM	4.4	4.4	ug/L	JU

Total Parameters Monitored: 45

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: P-18S  
 Water Classification: G-II  
(I.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 12/21/2010 12:26:00PM  
 Sampling Method: Grab  
 Permitted  
 Well Type: PZ

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020A	1/5/2011 7:34:00AM	1.2	0.5	ug/L	
000929	Sodium	N	E87052	6020A	1/5/2011 7:34:00AM	9.4	0.25	mg/L	
001077	Silver	N	E87052	6020A	1/5/2011 7:34:00AM	1	0.25	ug/L	
001087	Vanadium	N	E87052	6020A	1/5/2011 7:34:00AM	310	3.8	ug/L	
001067	Nickel	N	E87052	6020A	1/5/2011 7:34:00AM	20	2	ug/L	
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
001051	Lead	N	E87052	6020A	1/5/2011 7:34:00AM	34	0.2	ug/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 11:25:00AM	110	5	mg/L	
001147	Selenium	N	E87052	6020A	1/5/2011 7:34:00AM	11	1	ug/L	
034418	Chloromethane	N	E84282	8260B	12/24/2010 10:05:00AM	1	1	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 6:53:00PM	0.13	0.091	ug/L	I
000610	Ammonia as N	N	E84282	350.1	1/3/2011 2:49:00PM	0.58	0.01	mg/L	
077057	Vinyl acetate	N	E84282	8260B	12/24/2010 10:05:00AM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/24/2010 10:05:00AM	0.5	0.5	ug/L	U
000940	Chloride	N	E84282	300	1/3/2011 9:44:00PM	12	0.2	mg/L	
034301	Chlorobenzene	N	E84282	8260B	12/24/2010 10:05:00AM	0.63	0.63	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.9	0.9	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 10:05:00AM	0.65	0.65	ug/L	U
081552	Acetone	N	E84282	8260B	12/24/2010 10:05:00AM	9.9	9.9	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 7:34:00AM	1.4	0.15	ug/L	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/22/2010 9:32:00PM	0.0099	0.0099	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/24/2010 10:05:00AM	1	1	ug/L	U
032104	Bromoform	N	E84282	8260B	12/24/2010 10:05:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.35	0.35	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	12/24/2010 10:05:00AM	0.45	0.45	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/24/2010 10:05:00AM	2.5	2.5	ug/L	U
039180	Trichloroethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.58	0.58	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/24/2010 10:05:00AM	3.8	3.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/24/2010 10:05:00AM	4.4	4.4	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/24/2010 10:05:00AM	0.5	0.5	ug/L	JU
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/24/2010 10:05:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/24/2010 10:05:00AM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/24/2010 10:05:00AM	0.18	0.18	ug/L	U
078124	Benzene	N	E84282	8260B	12/24/2010 10:05:00AM	0.5	0.5	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	12/21/2010 12:28:00PM	4.56		SU	
001042	Copper	N	E87052	6020A	1/5/2011 7:34:00AM	25	1.1	ug/L	
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.47	0.47	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.15	0.15	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.34	0.34	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.63	0.63	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 7:34:00AM	4500	33	ug/L	

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

Printed: 1/5/2011

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: P-18S  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-III/P)

Sample Date/Time: 12/21/2010 12:26:00PM  
 Sampling Method: Grab  
 Permitted Well Type: PZ

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000010	Field Temperature	N	E84282	DEP-SOP	12/21/2010 12:26:00PM	26.4		Degrees C	
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 10:05:00AM	0.14	0.14	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 7:34:00AM	100	2.5	ug/L	
001027	Cadmium	N	E87052	6020A	1/5/2011 7:34:00AM	21	0.095	ug/L	
001012	Beryllium	N	E87052	6020A	1/5/2011 7:34:00AM	2.9	0.25	ug/L	
001007	Barium	N	E87052	6020A	1/5/2011 7:34:00AM	400	1.3	ug/L	
077651	Ethylene Dibromide	N	E84282	8011	12/22/2010 9:32:00PM	0.0099	0.0099	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/24/2010 10:05:00AM	1.2	1.2	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/24/2010 10:05:00AM	0.42	0.42	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 10:05:00AM	0.14	0.14	ug/L	U
034010	Toluene	N	E84282	8260B	12/24/2010 10:05:00AM	0.51	0.51	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/24/2010 10:05:00AM	0.52	0.52	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 7:34:00AM	83	8.3	ug/L	
081595	2-Butanone	N	E84282	8260B	12/24/2010 10:05:00AM	8.4	8.4	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/21/2010 12:26:00PM	0.44		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	12/21/2010 12:26:00PM	94		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	12/21/2010 12:26:00PM	853.5		NTU	
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/24/2010 10:05:00AM	2.5	2.5	ug/L	U
034498	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.52	0.52	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/24/2010 10:05:00AM	0.41	0.41	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 10:05:00AM	0.44	0.44	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/24/2010 10:05:00AM	0.44	0.44	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 7:34:00AM	7	1.3	ug/L	
077424	Iodomethane	N	E84282	8260B	12/24/2010 10:05:00AM	2.5	2.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/24/2010 10:05:00AM	4	4	ug/L	U
077128	Styrene	N	E84282	8260B	12/24/2010 10:05:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	12/24/2010 10:05:00AM	0.5	0.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/24/2010 10:05:00AM	2.5	2.5	ug/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 7:34:00AM	4.1	2.3	ug/L	I
034413	Bromomethane	N	E84282	8260B	12/24/2010 10:05:00AM	2.5	2.5	ug/L	U

Total Parameters Monitored: 74

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

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Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 19862  
 WACS Testsite Name: TH-28A WACS#19  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 12/21/2010 11:18:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: DE

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
078124	Benzene	N	E84282	8260B	12/24/2010 12:08:00PM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	12/24/2010 12:08:00PM	0.58	0.58	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 7:41:00AM	0.5	0.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.46	0.46	ug/L	U
000610	Ammonia as N	N	E84282	350.1	1/3/2011 2:50:00PM	1.4	0.01	mg/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.34	0.34	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.41	0.41	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/24/2010 12:08:00PM	0.44	0.44	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/24/2010 12:08:00PM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 12:08:00PM	0.14	0.14	ug/L	U
077128	Styrene	N	E84282	8260B	12/24/2010 12:08:00PM	0.98	0.98	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/24/2010 12:08:00PM	1	1	ug/L	U
001077	Silver	N	E87052	6020A	1/5/2011 7:41:00AM	0.25	0.25	ug/L	U
000940	Chloride	N	E84282	300	1/3/2011 9:56:00PM	43	0.2	mg/L	U
034418	Chloromethane	N	E84282	8260B	12/24/2010 12:08:00PM	1	1	ug/L	U
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 7:41:00AM	2.3	2.3	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 7:41:00AM	2.3	1.3	ug/L	I
001007	Barium	N	E87052	6020A	1/5/2011 7:41:00AM	15	1.3	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 7:41:00AM	0.25	0.25	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 7:41:00AM	0.095	0.095	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 7:41:00AM	4.6	2.5	ug/L	I
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 11:25:00AM	110	5	mg/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/24/2010 12:08:00PM	0.44	0.44	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/24/2010 12:08:00PM	4	4	ug/L	U
001147	Selenium	N	E87052	6020A	1/5/2011 7:41:00AM	1	1	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/24/2010 12:08:00PM	1.5	1.5	ug/L	U
034475	Tetrachloroethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.5	0.5	ug/L	U
034010	Toluene	N	E84282	8260B	12/24/2010 12:08:00PM	0.51	0.51	ug/L	U
034548	trans-1,2-Dichloroethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.44	0.44	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 7:41:00AM	0.54	0.15	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.9	0.9	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/24/2010 12:08:00PM	2.5	2.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/24/2010 12:08:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/24/2010 12:08:00PM	0.5	0.5	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 7:41:00AM	1.1	1.1	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 7:41:00AM	2500	33	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/24/2010 12:08:00PM	1.2	1.2	ug/L	U
001067	Nickel	N	E87052	6020A	1/5/2011 7:41:00AM	3.6	2	ug/L	I
081552	Acetone	N	E84282	8260B	12/24/2010 12:08:00PM	9.9	9.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/24/2010 12:08:00PM	2.5	2.5	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/24/2010 12:08:00PM	3.8	3.8	ug/L	U

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

Printed: 1/5/2011

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 19862  
 WACS Testsite Name: TH-28A WACS#19  
 Water Classification: G-II  
 (e.g. LC - Leachate, G-II, SW-II(F))

Sample Date/Time: 12/21/2010 11:18:00AM  
 Sampling Method: Grab  
 Permitted Well Type: DE

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000010	Field Temperature	N	E84282	DEP-SOP	12/21/2010 11:18:00AM	25.3		Degrees C	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/21/2010 11:18:00AM	1.71		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	12/21/2010 11:18:00AM	209		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	12/21/2010 11:18:00AM	25.9		NTU	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/22/2010 9:52:00PM	0.01	0.01	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/22/2010 9:52:00PM	0.01	0.01	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/24/2010 12:08:00PM	0.42	0.42	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/24/2010 12:08:00PM	4.4	4.4	ug/L	JU
000406	Field pH	N	E84282	DEP-SOP	12/21/2010 11:18:00AM	5.22		SU	
001051	Lead	N	E87052	6020A	1/5/2011 7:41:00AM	1.7	0.2	ug/L	
000929	Sodium	N	E87052	6020A	1/5/2011 7:41:00AM	17	0.25	mg/L	
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/24/2010 12:08:00PM	2.5	2.5	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.45	0.45	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 7:41:00AM	4.1	3.8	ug/L	I
034311	Chloroethane	N	E84282	8260B	12/24/2010 12:08:00PM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/24/2010 12:08:00PM	0.63	0.63	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/24/2010 12:08:00PM	8.4	8.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/24/2010 12:08:00PM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/24/2010 12:08:00PM	0.52	0.52	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 6:58:00PM	0.091	0.091	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 12:08:00PM	0.65	0.65	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/24/2010 12:08:00PM	0.18	0.18	ug/L	U
034704	cis-1,3-Dichloropropane	N	E84282	8260B	12/24/2010 12:08:00PM	0.14	0.14	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.47	0.47	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.15	0.15	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 7:41:00AM	8.3	8.3	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/24/2010 12:08:00PM	0.5	0.5	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/24/2010 12:08:00PM	0.57	0.57	ug/L	U

Total Parameters Monitored: 74

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193

Sample Date/Time: 12/21/2010 9:55:00AM

WACS Testsite ID #:

Sampling Method:

WACS Testsite Name: Equipment Blank

Permitted

Water Classification:

Well Type:

(i.e.: LC - Lochate, G-II, SW-IIIIF)

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032101	Bromodichloromethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.35	0.35	ug/L	U
081586	4-Methyl-2-pentanone	N	E84282	8260B	12/24/2010 11:27:00AM	3.8	3.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/24/2010 11:27:00AM	4.4	4.4	ug/L	JU
081552	Acetone	N	E84282	8260B	12/24/2010 11:27:00AM	9.9	9.9	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/24/2010 11:27:00AM	0.63	0.63	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/24/2010 11:27:00AM	2.5	2.5	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/24/2010 11:27:00AM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/24/2010 11:27:00AM	8.4	8.4	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/24/2010 11:27:00AM	1.2	1.2	ug/L	U
078124	Benzene	N	E84282	8260B	12/24/2010 11:27:00AM	0.5	0.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/24/2010 11:27:00AM	1	1	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 7:48:00AM	33	33	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/24/2010 11:27:00AM	4	4	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/24/2010 11:27:00AM	0.42	0.42	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/24/2010 11:27:00AM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.58	0.58	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.45	0.45	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/24/2010 11:27:00AM	0.5	0.5	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 7:48:00AM	1.1	1.1	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/24/2010 11:27:00AM	2.5	2.5	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 7:48:00AM	8.3	8.3	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 7:48:00AM	3.8	3.8	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 7:48:00AM	0.5	0.5	ug/L	U
001077	Silver	N	E87052	6020A	1/5/2011 7:48:00AM	0.25	0.25	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 7:48:00AM	0.39	0.25	mg/L	I
001087	Nickel	N	E87052	6020A	1/5/2011 7:48:00AM	2	2	ug/L	U
001147	Selenium	N	E87052	6020A	1/5/2011 7:48:00AM	1	1	ug/L	U
034498	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.47	0.47	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.15	0.15	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/22/2010 10:13:00PM	0.0099	0.0099	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/22/2010 10:13:00PM	0.0099	0.0099	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 7:48:00AM	1.3	1.3	ug/L	U
001051	Lead	N	E87052	6020A	1/5/2011 7:48:00AM	0.2	0.2	ug/L	U
000940	Chloride	N	E84282	300	1/3/2011 10:07:00PM	0.2	0.2	mg/L	U
000810	Ammonia as N	N	E84282	350.1	1/3/2011 2:51:00PM	0.027	0.01	mg/L	U
000820	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 7:48:00AM	2.3	2.3	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 7:48:00AM	0.15	0.15	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/24/2010 11:27:00AM	0.5	0.5	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 7:48:00AM	1.3	1.3	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.9	0.9	ug/L	U

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

Printed: 1/5/2011

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WACS Facility ID #: 41193  
WACS Testsite ID #:  
WACS Testsite Name: Equipment Blank

Sample Date/Time: 12/21/2010 9:55:00AM  
Sampling Method:  
Permitted  
Well Type:

Water Classification:  
(i.e.: LC - Leachate, G-II, SW-III/F)

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001012	Beryllium	N	E87052	6020A	1/5/2011 7 48 00AM	0.25	0.25	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 7 48 00AM	0.095	0.095	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 7 48 00AM	2.5	2.5	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/24/2010 11:27:00AM	2.5	2.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/24/2010 11:27:00AM	0.52	0.52	ug/L	U
034538	1,2-Dichlorobenzene	N	E84282	8260B	12/24/2010 11:27:00AM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/24/2010 11:27:00AM	0.18	0.18	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/24/2010 11:27:00AM	2.5	2.5	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/24/2010 11:27:00AM	2.5	2.5	ug/L	U
034546	trans-1,2-Dichloroethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	12/24/2010 11:27:00AM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	12/24/2010 11:27:00AM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/24/2010 11:27:00AM	0.98	0.98	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 7:02:00PM	0.091	0.091	ug/L	U
032104	Bromoforn	N	E84282	8260B	12/24/2010 11:27:00AM	0.58	0.58	ug/L	U
034899	trans-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 11:27:00AM	0.14	0.14	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/24/2010 11:27:00AM	1.5	1.5	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 11:28:00AM	5	5	mg/L	U
034418	Chloromethane	N	E84282	8260B	12/24/2010 11:27:00AM	1	1	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 11:27:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 11:27:00AM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.34	0.34	ug/L	U
077598	Dibromomethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.41	0.41	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/24/2010 11:27:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/24/2010 11:27:00AM	0.57	0.57	ug/L	U

Total Parameters Monitored: 69

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

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Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 822  
 WACS Testsite Name: TH-40 WACS#822  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 12/21/2010 10:18:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: CO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034010	Toluene	N	E84282	8260B	12/24/2010 12:29:00PM	0.51	0.51	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	12/21/2010 10:18:00AM	0.3		NTU	
077041	Carbon disulfide	N	E84282	8260B	12/24/2010 12:29:00PM	1	1	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 7:56:00AM	0.25	0.25	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/22/2010 10:34:00PM	0.01	0.01	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/24/2010 12:29:00PM	0.52	0.52	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.58	0.58	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/24/2010 12:29:00PM	4.4	4.4	ug/L	JU
078124	Benzene	N	E84282	8260B	12/24/2010 12:29:00PM	0.5	0.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/24/2010 12:29:00PM	1.2	1.2	ug/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 7:56:00AM	2.3	2.3	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/21/2010 10:18:00AM	1.08		mg/L	
077582	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.63	0.63	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 12:29:00PM	0.44	0.44	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/22/2010 10:34:00PM	0.01	0.01	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/24/2010 12:29:00PM	1.5	1.5	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/21/2010 10:18:00AM	348		umhos/cm	
034475	Tetrachloroethene	N	E84282	8260B	12/24/2010 12:29:00PM	0.5	0.5	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/21/2010 10:18:00AM	23.3		Degrees C	
001002	Arsenic	N	E87052	8020A	1/5/2011 7:56:00AM	1.3	1.3	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 7:56:00AM	7.8	1.3	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.15	0.15	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.34	0.34	ug/L	U
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
034413	Bromomethane	N	E84282	8260B	12/24/2010 12:29:00PM	2.5	2.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/24/2010 12:29:00PM	0.42	0.42	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/24/2010 12:29:00PM	0.5	0.5	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/24/2010 12:29:00PM	0.52	0.52	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 7:56:00AM	3.8	3.8	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 7:56:00AM	8.3	8.3	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 7:07:00PM	0.091	0.091	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	12/21/2010 10:18:00AM	7.81		SU	
081552	Acetone	N	E84282	8260B	12/24/2010 12:29:00PM	9.9	9.9	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/24/2010 12:29:00PM	3.8	3.8	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 11:26:00AM	210	5	mg/L	
034501	1,1-Dichloroethene	N	E84282	8260B	12/24/2010 12:29:00PM	0.45	0.45	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/24/2010 12:29:00PM	0.44	0.44	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.47	0.47	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/24/2010 12:29:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/24/2010 12:29:00PM	2.5	2.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/24/2010 12:29:00PM	1	1	ug/L	U
077093	cis-1,2-Dichloroethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 12:29:00PM	0.14	0.14	ug/L	U

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

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 822  
 WACS Testsite Name: TH-40 WACS#822  
 Water Classification: G-II  
 (i.e.: LC - Leachate, G-II, SW-III-F)

Sample Date/Time: 12/21/2010 10:18:00AM  
 Sampling Method: Grab  
 Permitted Well Type: CO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.46	0.46	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.41	0.41	ug/L	U
032104	Bromoform	N	E84282	8260B	12/24/2010 12:29:00PM	0.58	0.58	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/24/2010 12:29:00PM	2.5	2.5	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/24/2010 12:29:00PM	8.4	8.4	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 7:56:00AM	0.095	0.095	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 7:56:00AM	0.15	0.15	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/24/2010 12:29:00PM	4	4	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/24/2010 12:29:00PM	0.5	0.5	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/24/2010 12:29:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/24/2010 12:29:00PM	0.18	0.18	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/24/2010 12:29:00PM	0.5	0.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.9	0.9	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.52	0.52	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/24/2010 12:29:00PM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 12:29:00PM	0.14	0.14	ug/L	U
001051	Lead	N	E87052	6020A	1/5/2011 7:56:00AM	0.2	0.2	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/24/2010 12:29:00PM	0.57	0.57	ug/L	U
001042	Cepper	N	E87052	6020A	1/5/2011 7:56:00AM	1.1	1.1	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 7:56:00AM	20	0.25	mg/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 7:56:00AM	2.5	2.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/24/2010 12:29:00PM	2.5	2.5	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 7:56:00AM	0.5	0.5	ug/L	U
000940	Chloride	N	E84282	300	1/3/2011 11:05:00PM	8.3	0.2	mg/L	U
000610	Ammonia as N	N	E84282	350.1	1/3/2011 2:52:00PM	0.31	0.01	mg/L	U
001067	Nickel	N	E87052	6020A	1/5/2011 7:56:00AM	2	2	ug/L	U
001147	Selenium	N	E87052	6020A	1/5/2011 7:56:00AM	1	1	ug/L	U
001077	Silver	N	E87052	6020A	1/5/2011 7:56:00AM	0.25	0.25	ug/L	U
077128	Styrene	N	E84282	8260B	12/24/2010 12:29:00PM	0.98	0.98	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 7:56:00AM	41	33	ug/L	I

Total Parameters Monitored: 74

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

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Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 1570  
 WACS Testsite Name: TH-57 WACS#157  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-III-F)

Sample Date/Time: 12/21/2010 10:45:00AM  
 Sampling Method: Grab  
 Permitted Well Type: DE

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DCHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032102	Carbon tetrachloride	N	E84282	8260B	12/24/2010 12:49:00PM	0.42	0.42	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/24/2010 12:49:00PM	2.5	2.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/24/2010 12:49:00PM	0.98	0.98	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 12:49:00PM	0.14	0.14	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/24/2010 12:49:00PM	0.5	0.5	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.57	0.57	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/24/2010 12:49:00PM	3.8	3.8	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/24/2010 12:49:00PM	0.63	0.63	ug/L	U
034546	trans-1,2-Dichloroethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	12/24/2010 12:49:00PM	0.51	0.51	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/24/2010 12:49:00PM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/24/2010 12:49:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/24/2010 12:49:00PM	1.5	1.5	ug/L	U
032104	Bromofom	N	E84282	8260B	12/24/2010 12:49:00PM	0.58	0.58	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/24/2010 12:49:00PM	0.5	0.5	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 11:27:00AM	76	5	mg/L	
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/24/2010 12:49:00PM	0.18	0.18	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/24/2010 12:49:00PM	2.5	2.5	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 8:03:00AM	0.5	0.5	ug/L	U
000940	Chloride	N	E84282	300	1/3/2011 11:16:00PM	35	0.2	mg/L	
034475	Tetrachloroethene	N	E84282	8260B	12/24/2010 12:49:00PM	0.5	0.5	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 12:49:00PM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/24/2010 12:49:00PM	1	1	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/24/2010 12:49:00PM	2.5	2.5	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/24/2010 12:49:00PM	4.4	4.4	ug/L	JU
081595	2-Butanone	N	E84282	8260B	12/24/2010 12:49:00PM	8.4	8.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/24/2010 12:49:00PM	0.52	0.52	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.41	0.41	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 8:03:00AM	320	33	ug/L	
000610	Ammonia as N	N	E84282	350.1	1/3/2011 2:53:00PM	0.79	0.01	mg/L	
001087	Vanadium	N	E87052	6020A	1/5/2011 8:03:00AM	3.8	3.8	ug/L	U
001077	Silver	N	E87052	6020A	1/5/2011 8:03:00AM	0.25	0.25	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 8:03:00AM	13	0.25	mg/L	
001147	Selenium	N	E87052	6020A	1/5/2011 8:03:00AM	1	1	ug/L	U
001051	Lead	N	E87052	6020A	1/5/2011 8:03:00AM	0.2	0.2	ug/L	U
001087	Antimony	N	E87052	6020A	1/5/2011 8:03:00AM	2.3	2.3	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 8:03:00AM	1.1	1.1	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 8:03:00AM	0.15	0.15	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 8:03:00AM	2.5	2.5	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 8:03:00AM	0.095	0.095	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 8:03:00AM	0.25	0.25	ug/L	U

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

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 1570  
 WACS Testsite Name: TH-57 WACS#157  
 Water Classification: G-II  
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/21/2010 10:45:00AM  
 Sampling Method: Grab  
 Permitted Well Type: DE

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.46	0.46	ug/L	U
032108	Trichloromethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.9	0.9	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 8:03:00AM	8.3	8.3	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/22/2010 10:54:00PM	0.0096	0.0096	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.15	0.15	ug/L	U
000620	Nitrate (as N)	N	E84282	353 2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 12:49:00PM	0.14	0.14	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/21/2010 10:45:00AM	26.1		Degrees C	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/21/2010 10:45:00AM	1.6		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	12/21/2010 10:45:00AM	144		umhos/cm	
000406	Field pH	N	E84282	DEP-SOP	12/21/2010 10:45:00AM	5.05		SU	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/22/2010 10:54:00PM	0.0096	0.0096	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/24/2010 12:49:00PM	1	1	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/24/2010 12:49:00PM	0.52	0.52	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/24/2010 12:49:00PM	4	4	ug/L	U
081552	Acetone	N	E84282	8260B	12/24/2010 12:49:00PM	9.9	9.9	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/24/2010 12:49:00PM	0.44	0.44	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.34	0.34	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	12/21/2010 10:45:00AM	0.6		NTU	
034215	Acrylonitrile	N	E84282	8260B	12/24/2010 12:49:00PM	1.2	1.2	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/24/2010 12:49:00PM	0.44	0.44	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 8:03:00AM	7.5	1.3	ug/L	
071900	Mercury	N	E87052	7470A	12/29/2010 7:11:00PM	0.091	0.091	ug/L	U
001067	Nickel	N	E87052	6020A	1/5/2011 8:03:00AM	2	2	ug/L	U
077582	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.63	0.63	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 8:03:00AM	1.3	1.3	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/24/2010 12:49:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	12/24/2010 12:49:00PM	0.5	0.5	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/24/2010 12:49:00PM	2.5	2.5	ug/L	U

Total Parameters Monitored: 74

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

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Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 821  
 WACS Testsite Name: TH-19 WACS#821  
 Water Classification: G-II

Sample Date/Time: 12/21/2010 2:58:00PM  
 Sampling Method: Grab  
 Permitted  
 Well Type: BG

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DCHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001042	Copper	N	E87052	6020A	1/5/2011 8:10:00AM	1.1	1.1	ug/L	U
081552	Acetone	N	E84282	8260B	12/24/2010 1:09:00PM	9.9	9.9	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/24/2010 1:09:00PM	0.52	0.52	ug/L	U
001051	Lead	N	E87052	6020A	1/5/2011 8:10:00AM	0.2	0.2	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/24/2010 1:09:00PM	8.4	8.4	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/24/2010 1:09:00PM	4.4	4.4	ug/L	JU
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/24/2010 1:09:00PM	3.8	3.8	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/24/2010 1:09:00PM	1.2	1.2	ug/L	U
078124	Benzene	N	E84282	8260B	12/24/2010 1:09:00PM	0.5	0.5	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 8:10:00AM	0.5	0.5	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 8:10:00AM	1.3	1.3	ug/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 8:10:00AM	2.3	2.3	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	12/21/2010 2:58:00PM	0.2		NTU	
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
000610	Ammonia as N	N	E84282	350.1	1/3/2011 2:55:00PM	0.25	0.01	mg/L	
034418	Chloromethane	N	E84282	8260B	12/24/2010 1:09:00PM	1	1	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 8:10:00AM	0.25	0.25	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 8:10:00AM	33	33	ug/L	U
000940	Chloride	N	E84282	300	1/3/2011 11:28:00PM	7.8	0.2	mg/L	
001077	Silver	N	E87052	6020A	1/5/2011 8:10:00AM	0.25	0.25	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.58	0.58	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/22/2010 11:14:00PM	0.01	0.01	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/21/2010 2:58:00PM	392		umhos/cm	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/21/2010 2:58:00PM	1.34		mg/L	
000408	Field pH	N	E84282	DEP-SOP	12/21/2010 2:58:00PM	7.37		SU	
001147	Selenium	N	E87052	6020A	1/5/2011 8:10:00AM	1	1	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 8:10:00AM	8.3	8.3	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 8:10:00AM	0.15	0.15	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 8:10:00AM	5.2	1.3	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 8:10:00AM	3.8	3.8	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.63	0.63	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 8:10:00AM	14	0.25	mg/L	
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.46	0.46	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/21/2010 2:58:00PM	23.2		Degrees C	
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/24/2010 1:09:00PM	2.5	2.5	ug/L	U
034518	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.15	0.15	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 1:09:00PM	0.14	0.14	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/24/2010 1:09:00PM	2.5	2.5	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.35	0.35	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 8:10:00AM	0.095	0.095	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 8:10:00AM	2.5	2.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.9	0.9	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.47	0.47	ug/L	U
039180	Trichloroethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.5	0.5	ug/L	U

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

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 821  
 WACS Testsite Name: TH-19 WACS#821  
 Water Classification: G-II  
(i.e. LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 12/21/2010 2:58:00PM  
 Sampling Method: Grab  
 Permitted Well Type: BG

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034423	Methylene Chloride	N	E84282	8260B	12/24/2010 1:09:00PM	4	4	ug/L	U
034899	trans-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 1:09:00PM	0.14	0.14	ug/L	U
034010	Toluene	N	E84282	8260B	12/24/2010 1:09:00PM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	12/24/2010 1:09:00PM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/24/2010 1:09:00PM	0.98	0.98	ug/L	U
034548	trans-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 1:09:00PM	0.44	0.44	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/24/2010 1:09:00PM	2.5	2.5	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 11:27:00AM	250	5	mg/L	U
001067	Nickel	N	E87052	6020A	1/5/2011 8:10:00AM	2	2	ug/L	U
032104	Bromoform	N	E84282	8260B	12/24/2010 1:09:00PM	0.58	0.58	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/24/2010 1:09:00PM	0.44	0.44	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/24/2010 1:09:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/24/2010 1:09:00PM	1.5	1.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/24/2010 1:09:00PM	0.5	0.5	ug/L	U
034498	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.52	0.52	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/24/2010 1:09:00PM	2.5	2.5	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.41	0.41	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.34	0.34	ug/L	U
077851	Ethylene Dibromide	N	E84282	8011	12/22/2010 11:14:00PM	0.01	0.01	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 1:09:00PM	0.65	0.65	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/24/2010 1:09:00PM	0.52	0.52	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/24/2010 1:09:00PM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/24/2010 1:09:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/24/2010 1:09:00PM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/24/2010 1:09:00PM	1	1	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/24/2010 1:09:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/24/2010 1:09:00PM	0.18	0.18	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 7:25:00PM	0.091	0.091	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.57	0.57	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 1:09:00PM	0.45	0.45	ug/L	U

Total Parameters Monitored: 74

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: Duplicate 38945  
 Water Classification: LC  
(1) LC - Leachate, G-II, SW-III(F)

Sample Date/Time: 12/21/2010 12:00:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	1/3/2011 11:39:00PM	17	0.2	mg/L	
081551	Xylenes, Total	N	E84282	8260B	12/24/2010 1:30:00PM	0.5	0.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/24/2010 1:30:00PM	4	4	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 8:18:00AM	3.3	0.25	ug/L	
034531	1,2-Dichloroethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.57	0.57	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 2:49:00PM	310	5	mg/L	
034010	Toluene	N	E84282	8260B	12/24/2010 1:30:00PM	0.51	0.51	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/22/2010 11:35:00PM	0.01	0.01	ug/L	U
077128	Styrene	N	E84282	8260B	12/24/2010 1:30:00PM	0.98	0.98	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/24/2010 1:30:00PM	2.5	2.5	ug/L	U
032104	Bromoform	N	E84282	8260B	12/24/2010 1:30:00PM	0.58	0.58	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.63	0.63	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/24/2010 1:30:00PM	1	1	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.58	0.58	ug/L	U
034475	Tetrachloroethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.5	0.5	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/24/2010 1:30:00PM	0.52	0.52	ug/L	U
001147	Selenium	N	E87052	6020A	1/5/2011 8:18:00AM	3.3	1	ug/L	
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/24/2010 1:30:00PM	2.5	2.5	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/24/2010 1:30:00PM	0.18	0.18	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 8:18:00AM	150	3.8	ug/L	
034418	Chloromethane	N	E84282	8260B	12/24/2010 1:30:00PM	1	1	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/24/2010 1:30:00PM	2.5	2.5	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 1:30:00PM	0.14	0.14	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/24/2010 1:30:00PM	0.42	0.42	ug/L	U
034508	1,1,1-Trichloroethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.46	0.46	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/24/2010 1:30:00PM	0.44	0.44	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.34	0.34	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.47	0.47	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.15	0.15	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/24/2010 1:30:00PM	0.63	0.63	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/24/2010 1:30:00PM	2.5	2.5	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 8:18:00AM	16	0.25	mg/L	
001034	Chromium	N	E87052	6020A	1/5/2011 8:18:00AM	210	2.5	ug/L	
077057	Vinyl acetate	N	E84282	8260B	12/24/2010 1:30:00PM	1.5	1.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.9	0.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/24/2010 1:30:00PM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/24/2010 1:30:00PM	0.5	0.5	ug/L	U
077851	Ethylene Dibromide	N	E84282	8011	12/22/2010 11:35:00PM	0.01	0.01	ug/L	U
001051	Lead	N	E87052	6020A	1/5/2011 8:18:00AM	67	0.2	ug/L	
001002	Arsenic	N	E87052	6020A	1/5/2011 8:18:00AM	7.7	1.3	ug/L	
034899	trans-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 1:30:00PM	0.14	0.14	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/24/2010 1:30:00PM	0.44	0.44	ug/L	U

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

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: Duplicate 38945  
 Water Classification: LC  
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/21/2010 12:00:00AM  
 Sampling Method: Grab  
 Permitted Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001045	Iron	N	E87052	6020A	1/5/2011 8:18:00AM	23000	33	ug/L	
071900	Mercury	N	E87052	7470A	12/29/2010 7:30:00PM	0.2	0.091	ug/L	
001092	Zinc	N	E87052	6020A	1/5/2011 8:18:00AM	170	8.3	ug/L	
001027	Cadmium	N	E87052	6020A	1/5/2011 8:18:00AM	8.8	0.095	ug/L	
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/24/2010 1:30:00PM	0.52	0.52	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 8:18:00AM	600	1.3	ug/L	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 1:30:00PM	0.65	0.65	ug/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 8:18:00AM	2.3	2.3	ug/L	I
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
000610	Ammonia as N	N	E84282	350.1	1/3/2011 2:56:00PM	0.25	0.01	mg/L	
078124	Benzene	N	E84282	8260B	12/24/2010 1:30:00PM	0.5	0.5	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.41	0.41	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 1:30:00PM	0.44	0.44	ug/L	U
001067	Nickel	N	E87052	6020A	1/5/2011 8:18:00AM	42	2	ug/L	
001077	Silver	N	E87052	6020A	1/5/2011 8:18:00AM	1.3	0.25	ug/L	
081552	Acetone	N	E84282	8260B	12/24/2010 1:30:00PM	9.9	9.9	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/24/2010 1:30:00PM	3.8	3.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/24/2010 1:30:00PM	4.4	4.4	ug/L	JU
081595	2-Butanone	N	E84282	8260B	12/24/2010 1:30:00PM	8.4	8.4	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/24/2010 1:30:00PM	0.35	0.35	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 8:18:00AM	27	1.1	ug/L	
001059	Thallium	N	E87052	6020A	1/5/2011 8:18:00AM	2	0.5	ug/L	
034215	Acrylonitrile	N	E84282	8260B	12/24/2010 1:30:00PM	1.2	1.2	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/24/2010 1:30:00PM	0.5	0.5	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 8:18:00AM	25	0.15	ug/L	

Total Parameters Monitored: 69

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



Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: TH-42  
 Water Classification: G-II  
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/21/2010 1:29:00PM  
 Sampling Method: Grab  
 Permitted Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/24/2010 1:50:00PM	0.18	0.18	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/24/2010 1:50:00PM	2.5	2.5	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.47	0.47	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.45	0.45	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/24/2010 1:50:00PM	0.5	0.5	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 8:25:00AM	3.8	0.25	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/24/2010 1:50:00PM	1.5	1.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/24/2010 1:50:00PM	0.42	0.42	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/24/2010 1:50:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/24/2010 1:50:00PM	2.5	2.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/24/2010 1:50:00PM	1	1	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/24/2010 1:50:00PM	0.65	0.65	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.52	0.52	ug/L	U
049283	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/24/2010 1:50:00PM	2.5	2.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/24/2010 1:50:00PM	0.5	0.5	ug/L	U
039180	Trichloroethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.5	0.5	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/23/2010 12:37:00AM	0.0097	0.0097	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/24/2010 1:50:00PM	0.44	0.44	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 2:50:00PM	320	5	mg/L	U
000940	Chloride	N	E84282	300	1/3/2011 11:51:00PM	17	0.2	mg/L	U
000610	Ammonia as N	N	E84282	350.1	1/3/2011 2:57:00PM	0.36	0.01	mg/L	U
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:33:00PM	0.1	0.1	mg/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 8:25:00AM	2.7	2.3	ug/L	I
001002	Arsenic	N	E87052	6020A	1/5/2011 8:25:00AM	8.5	1.3	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/24/2010 1:50:00PM	0.52	0.52	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.35	0.35	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 8:25:00AM	220	2.5	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.34	0.34	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 8:25:00AM	28	0.15	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/21/2010 1:29:00PM	23.7		Degrees C	U
071900	Mercury	N	E87052	7470A	12/28/2010 7:35:00PM	0.14	0.091	ug/L	I
001027	Cadmium	N	E87052	6020A	1/5/2011 8:25:00AM	10	0.095	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.41	0.41	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 8:25:00AM	630	1.3	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/24/2010 1:50:00PM	0.52	0.52	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/24/2010 1:50:00PM	1	1	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.46	0.46	ug/L	U
034518	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.15	0.15	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 1:50:00PM	0.14	0.14	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/23/2010 12:37:00AM	0.0097	0.0097	ug/L	U
032104	Bromoform	N	E84282	8260B	12/24/2010 1:50:00PM	0.58	0.58	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.57	0.57	ug/L	U
034546	trans-1,2-Dichloroethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.44	0.44	ug/L	U

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

Printed: 1/5/2011

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: TH-42  
 Water Classification: G-II  
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/21/2010 1:29:00PM  
 Sampling Method: Grab  
 Permitted Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034010	Toluene	N	E84282	8260B	12/24/2010 1:50:00PM	0.51	0.51	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/24/2010 1:50:00PM	8.4	8.4	ug/L	U
078124	Benzene	N	E84282	8260B	12/24/2010 1:50:00PM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/24/2010 1:50:00PM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/24/2010 1:50:00PM	4	4	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/24/2010 1:50:00PM	2.5	2.5	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/24/2010 1:50:00PM	0.44	0.44	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.58	0.58	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	12/24/2010 1:50:00PM	0.5	0.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/24/2010 1:50:00PM	1.2	1.2	ug/L	U
081552	Acetone	N	E84282	8260B	12/24/2010 1:50:00PM	9.9	9.9	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	12/21/2010 1:29:00PM	796		NTU	
032106	Trichloromethane	N	E84282	8260B	12/24/2010 1:50:00PM	0.9	0.9	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/21/2010 1:29:00PM	496		umhos/cm	
000406	Field pH	N	E84282	DEP-SOP	12/21/2010 1:29:00PM	7.29		SU	
001147	Selenium	N	E87052	6020A	1/5/2011 8:25:00AM	3.5	1	ug/L	
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/24/2010 1:50:00PM	3.8	3.8	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 8:25:00AM	30	1.1	ug/L	
001092	Zinc	N	E87052	6020A	1/5/2011 8:25:00AM	180	8.3	ug/L	
001087	Vanadium	N	E87052	6020A	1/5/2011 8:25:00AM	170	3.8	ug/L	
001059	Thallium	N	E87052	6020A	1/5/2011 8:25:00AM	2	0.5	ug/L	
000929	Sodium	N	E87052	6020A	1/5/2011 8:25:00AM	18	0.25	mg/L	
001077	Silver	N	E87052	6020A	1/5/2011 8:25:00AM	0.81	0.25	ug/L	I
034413	Bromomethane	N	E84282	8260B	12/24/2010 1:50:00PM	2.5	2.5	ug/L	U
001067	Nickel	N	E87052	6020A	1/5/2011 8:25:00AM	45	2	ug/L	
001051	Lead	N	E87052	6020A	1/5/2011 8:25:00AM	74	0.2	ug/L	
001045	Iron	N	E87052	6020A	1/5/2011 8:25:00AM	25000	33	ug/L	
034899	trans-1,3-Dichloropropene	N	E84282	8260B	12/24/2010 1:50:00PM	0.14	0.14	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/24/2010 1:50:00PM	4.4	4.4	ug/L	JU
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/21/2010 1:29:00PM	0.77		mg/L	

Total Parameters Monitored: 74

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 914  
 WACS Testsite Name: Weeks  
 Water Classification: G-II  
(I = LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 12/22/2010 9:59:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: CO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
081552	Acetone	N	E84282	8260B	12/22/2010 7:49:00PM	9.9	9.9	ug/L	JU
034501	1,1-Dichloroethene	N	E84282	8260B	12/22/2010 7:49:00PM	0.45	0.45	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 7:39:00PM	0.091	0.091	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 8:32:00AM	160	8.3	ug/L	
001087	Vanadium	N	E87052	6020A	1/5/2011 8:32:00AM	3.8	3.8	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 8:32:00AM	0.5	0.5	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 8:32:00AM	8.6	0.25	mg/L	
001077	Silver	N	E87052	6020A	1/5/2011 8:32:00AM	0.25	0.25	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/22/2010 9:59:00AM	1.88		mg/L	
001051	Lead	N	E87052	6020A	1/5/2011 8:32:00AM	7.6	0.2	ug/L	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.15	0.15	ug/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 8:32:00AM	2.3	2.3	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/22/2010 7:49:00PM	8.4	8.4	ug/L	U
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:04:00PM	0.1	0.1	mg/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/22/2010 7:49:00PM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.57	0.57	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/22/2010 9:59:00AM	485		umhos/cm	
001147	Selenium	N	E87052	6020A	1/5/2011 8:32:00AM	1	1	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/22/2010 7:49:00PM	1.5	1.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/22/2010 7:49:00PM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/22/2010 7:49:00PM	4	4	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	12/22/2010 7:49:00PM	0.5	0.5	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.35	0.35	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 7:49:00PM	0.14	0.14	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.58	0.58	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 8:32:00AM	0.095	0.095	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/22/2010 7:49:00PM	2.5	2.5	ug/L	U
034548	trans-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 7:49:00PM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	12/22/2010 7:49:00PM	0.51	0.51	ug/L	U
034498	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.52	0.52	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/22/2010 7:49:00PM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/22/2010 7:49:00PM	0.5	0.5	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/22/2010 7:49:00PM	1.2	1.2	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.47	0.47	ug/L	U
081598	4-Methyl-2-pentanone	N	E84282	8260B	12/22/2010 7:49:00PM	3.8	3.8	ug/L	U
078124	Benzene	N	E84282	8260B	12/22/2010 7:49:00PM	0.5	0.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.48	0.48	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/22/2010 7:49:00PM	0.5	0.5	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 2:52:00PM	300	5	mg/L	
000940	Chloride	N	E84282	300	1/3/2011 8:24:00PM	36	0.2	mg/L	
000610	Ammonia as N	N	E84282	350.1	1/3/2011 3:12:00PM	0.12	0.01	mg/L	
001067	Nickel	N	E87052	6020A	1/5/2011 8:32:00AM	2	2	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/22/2010 9:59:00AM	22.8		Degrees C	
001045	Iron	N	E87052	6020A	1/5/2011 8:32:00AM	710	33	ug/L	

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

Printed: 1/5/2011

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 914  
 WACS Testsite Name: Weeks  
 Water Classification: G-II  
(G = LC - Leachate, G-II, SW-III)

Sample Date/Time: 12/22/2010 9:59:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: CO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
039175	Vinyl chloride	N	E84282	8260B	12/22/2010 7:49:00PM	0.5	0.5	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 8:32:00AM	0.15	0.15	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	12/22/2010 9:59:00AM	1.02		NTU	U
077582	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/23/2010 9:32:00PM	0.0098	0.0098	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/23/2010 9:32:00PM	0.0098	0.0098	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 7:49:00PM	0.65	0.65	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/22/2010 7:49:00PM	0.52	0.52	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/22/2010 7:49:00PM	2.5	2.5	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 8:32:00AM	4.9	1.3	ug/L	I
001012	Beryllium	N	E87052	6020A	1/5/2011 8:32:00AM	0.25	0.25	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 8:32:00AM	2.5	2.5	ug/L	U
032108	Trichloromethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.9	0.9	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	12/22/2010 9:59:00AM	7.05		SU	U
001042	Copper	N	E87052	6020A	1/5/2011 8:32:00AM	1.1	1.1	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/22/2010 7:49:00PM	2.5	2.5	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/22/2010 7:49:00PM	0.44	0.44	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/22/2010 7:49:00PM	4.4	4.4	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 7:49:00PM	0.14	0.14	ug/L	U
034538	1,2-Dichlorobenzene	N	E84282	8260B	12/22/2010 7:49:00PM	0.44	0.44	ug/L	U
032104	Bromoform	N	E84282	8260B	12/22/2010 7:49:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/22/2010 7:49:00PM	2.5	2.5	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/22/2010 7:49:00PM	0.18	0.18	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.34	0.34	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/22/2010 7:49:00PM	1	1	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 8:32:00AM	5.2	1.3	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/22/2010 7:49:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/22/2010 7:49:00PM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/22/2010 7:49:00PM	1	1	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/22/2010 7:49:00PM	0.41	0.41	ug/L	U

Total Parameters Monitored: 74

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: Sherrif 1  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/22/2010 10:39:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
081551	Xylenes, Total	N	E84282	8260B	12/22/2010 8:30:00PM	0.5	0.5	ug/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 8:54:00AM	2.3	2.3	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 7:48:00PM	0.091	0.091	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 8:54:00AM	8.3	8.3	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 8:54:00AM	3.8	3.8	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 8:54:00AM	37	1.3	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 8:54:00AM	1.3	1.3	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/22/2010 8:30:00PM	1.2	1.2	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 8:30:00PM	0.65	0.65	ug/L	U
000610	Ammonia as N	N	E84282	350 1	1/3/2011 3:12:00PM	0.15	0.01	mg/L	U
032106	Trichloromethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.9	0.9	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 2:53:00PM	240	5	mg/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.52	0.52	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/22/2010 8:30:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/22/2010 8:30:00PM	1.5	1.5	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/22/2010 10:39:00AM	335		umhos/cm	
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 8:30:00PM	0.14	0.14	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/22/2010 10:39:00AM	0.57		mg/L	
001051	Lead	N	E87052	6020A	1/5/2011 8:54:00AM	0.2	0.2	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	12/22/2010 8:30:00PM	0.5	0.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 8:30:00PM	0.44	0.44	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 8:54:00AM	0.5	0.5	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/22/2010 8:30:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/22/2010 8:30:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/22/2010 8:30:00PM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/22/2010 8:30:00PM	8.4	8.4	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/22/2010 8:30:00PM	4.4	4.4	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 8:54:00AM	2.5	2.5	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/22/2010 10:39:00AM	25.2		Degrees C	
081552	Acetone	N	E84282	8260B	12/22/2010 8:30:00PM	9.9	9.9	ug/L	JU
034423	Methylene Chloride	N	E84282	8260B	12/22/2010 8:30:00PM	4	4	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/22/2010 8:30:00PM	0.44	0.44	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 8:54:00AM	9.5	0.25	mg/L	
000940	Chloride	N	E84282	300	1/3/2011 8:35:00PM	12	0.2	mg/L	
001077	Silver	N	E87052	6020A	1/5/2011 8:54:00AM	0.25	0.25	ug/L	U
001147	Selenium	N	E87052	6020A	1/5/2011 8:54:00AM	1	1	ug/L	U
001067	Nickel	N	E87052	6020A	1/5/2011 8:54:00AM	2	2	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/22/2010 8:30:00PM	1	1	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.15	0.15	ug/L	U
032104	Bromoform	N	E84282	8260B	12/22/2010 8:30:00PM	0.58	0.58	ug/L	U
000820	Nitrate (as N)	N	E84282	353 2	12/22/2010 7:04:00PM	0.1	0.1	mg/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/22/2010 8:30:00PM	3.8	3.8	ug/L	U

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

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: Sherrif 1  
 Water Classification: G-II  
 (e : LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/22/2010 10:39:00AM  
 Sampling Method: Grab  
 Permitted Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOCHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001045	Iron	N	E87052	6020A	1/5/2011 8:54:00AM	120	33	ug/L	
034488	Trichlorofluoromethane	N	E84282	8260B	12/22/2010 8:30:00PM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/22/2010 8:30:00PM	0.63	0.63	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	12/22/2010 10:39:00AM	0.1		NTU	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/23/2010 10:13:00PM	0.0097	0.0097	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/23/2010 10:13:00PM	0.0097	0.0097	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.46	0.46	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.34	0.34	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.47	0.47	ug/L	U
000408	Field pH	N	E84282	DEP-SOP	12/22/2010 10:39:00AM	7.64		SU	
034501	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/22/2010 8:30:00PM	0.18	0.18	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.35	0.35	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/22/2010 8:30:00PM	2.5	2.5	ug/L	U
077598	Dibromomethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.41	0.41	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/22/2010 8:30:00PM	2.5	2.5	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/22/2010 8:30:00PM	2.5	2.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/22/2010 8:30:00PM	1	1	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 8:54:00AM	1.1	1.1	ug/L	U
034010	Toluene	N	E84282	8260B	12/22/2010 8:30:00PM	0.51	0.51	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 8:54:00AM	0.15	0.15	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 8:30:00PM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/22/2010 8:30:00PM	2.5	2.5	ug/L	U
039180	Trichloroethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.5	0.5	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 8:54:00AM	0.25	0.25	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 8:54:00AM	0.095	0.095	ug/L	U
034475	Tetrachloroethane	N	E84282	8260B	12/22/2010 8:30:00PM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/22/2010 8:30:00PM	0.98	0.98	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/22/2010 8:30:00PM	0.42	0.42	ug/L	U

Total Parameters Monitored: 74

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

Printed: 1/5/2011  
Page 2 of 2

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: Sherrif 2  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/22/2010 11:06:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia as N	N	E84282	350.1	1/3/2011 3:12:00PM	0.26	0.01	mg/L	
077424	Iodomethane	N	E84282	8260B	12/22/2010 8:50:00PM	2.5	2.5	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 2:54:00PM	260	5	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	12/22/2010 11:06:00AM	0.1		NTU	
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/22/2010 8:50:00PM	0.18	0.18	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/22/2010 8:50:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/22/2010 8:50:00PM	0.52	0.52	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/22/2010 8:50:00PM	0.5	0.5	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/22/2010 8:50:00PM	8.4	8.4	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/22/2010 8:50:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/22/2010 8:50:00PM	2.5	2.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/22/2010 8:50:00PM	1	1	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 8:50:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 8:50:00PM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.34	0.34	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/22/2010 8:50:00PM	3.8	3.8	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	12/22/2010 8:50:00PM	0.45	0.45	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 9:02:00AM	2.5	2.5	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/22/2010 11:06:00AM	386		umhos/cm	
077128	Styrene	N	E84282	8260B	12/22/2010 8:50:00PM	0.98	0.98	ug/L	U
000940	Chloride	N	E84282	300	1/3/2011 8:47:00PM	6	0.2	mg/L	
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:04:00PM	0.1	0.1	mg/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 9:02:00AM	2.3	2.3	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 9:02:00AM	15	1.3	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.47	0.47	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 9:02:00AM	0.095	0.095	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 9:02:00AM	1.3	1.3	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 9:02:00AM	0.15	0.15	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 9:02:00AM	1.1	1.1	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	12/22/2010 11:06:00AM	7.4		SU	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/22/2010 11:06:00AM	1.09		mg/L	
034423	Methylene Chloride	N	E84282	8260B	12/22/2010 8:50:00PM	4	4	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/22/2010 11:06:00AM	24.3		Degrees C	
001012	Beryllium	N	E87052	6020A	1/5/2011 9:02:00AM	0.25	0.25	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/22/2010 8:50:00PM	2.5	2.5	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 7:44:00PM	0.091	0.091	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.15	0.15	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.46	0.46	ug/L	U
001147	Selenium	N	E87052	6020A	1/5/2011 9:02:00AM	1	1	ug/L	U
032104	Bromoforn	N	E84282	8260B	12/22/2010 8:50:00PM	0.58	0.58	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/23/2010 10:34:00PM	0.01	0.01	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/22/2010 8:50:00PM	4.4	4.4	ug/L	U
081552	Acetone	N	E84282	8260B	12/22/2010 8:50:00PM	9.9	9.9	ug/L	JU

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

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: Sherrif 2  
 Water Classification: G-II  
 (i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 12/22/2010 11:06:00AM  
 Sampling Method: Grab  
 Permitted Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001092	Zinc	N	E87052	6020A	1/5/2011 9:02:00AM	8.3	8.3	ug/L	U
078124	Benzene	N	E84282	8260B	12/22/2010 8:50:00PM	0.5	0.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/22/2010 8:50:00PM	2.5	2.5	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.35	0.35	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/22/2010 8:50:00PM	2.5	2.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/22/2010 8:50:00PM	1	1	ug/L	U
034475	Tetrachloroethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.5	0.5	ug/L	U
034010	Toluene	N	E84282	8260B	12/22/2010 8:50:00PM	0.51	0.51	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/23/2010 10:34:00PM	0.01	0.01	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.58	0.58	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.52	0.52	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.63	0.63	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/22/2010 8:50:00PM	1.2	1.2	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.9	0.9	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 9:02:00AM	3.8	3.8	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/22/2010 8:50:00PM	0.42	0.42	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/22/2010 8:50:00PM	0.44	0.44	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 9:02:00AM	10	0.25	mg/L	U
077596	Dibromomethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.41	0.41	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/22/2010 8:50:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/22/2010 8:50:00PM	0.5	0.5	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 9:02:00AM	33	33	ug/L	U
001051	Lead	N	E87052	6020A	1/5/2011 9:02:00AM	0.2	0.2	ug/L	U
001067	Nickel	N	E87052	6020A	1/5/2011 9:02:00AM	2	2	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 8:50:00PM	0.14	0.14	ug/L	U
001059	Thallium	N	E87052	6020A	1/5/2011 9:02:00AM	0.5	0.5	ug/L	U
001077	Silver	N	E87052	6020A	1/5/2011 9:02:00AM	0.25	0.25	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/22/2010 8:50:00PM	0.5	0.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/22/2010 8:50:00PM	0.52	0.52	ug/L	U
034546	trans-1,2-Dichloroethane	N	E84282	8260B	12/22/2010 8:50:00PM	0.44	0.44	ug/L	U

Total Parameters Monitored: 74

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



Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

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

Sample Date/Time: 12/22/2010 11:41:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: CO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	6020A	1/5/2011 9:09:00AM	0.5	0.5	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/23/2010 10:55:00PM	0.0097	0.0097	ug/L	U
000940	Chloride	N	E84282	300	1/3/2011 8:58:00PM	19	0.2	mg/L	U
034371	Ethylbenzene	N	E84282	8260B	12/22/2010 9:11:00PM	0.44	0.44	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 9:09:00AM	3.8	3.8	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	12/22/2010 11:41:00AM	0.2		NTU	U
001092	Zinc	N	E87052	6020A	1/5/2011 9:09:00AM	22	8.3	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/22/2010 11:41:00AM	344		umhos/cm	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/22/2010 11:41:00AM	0.74		mg/L	U
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:04:00PM	0.1	0.1	mg/L	U
077596	Dibromomethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.41	0.41	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/22/2010 11:41:00AM	24		Degrees C	U
032102	Carbon tetrachloride	N	E84282	8260B	12/22/2010 9:11:00PM	0.42	0.42	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 9:09:00AM	6.5	0.25	mg/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 9:11:00PM	0.14	0.14	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 9:09:00AM	0.25	0.25	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/22/2010 9:11:00PM	4.4	4.4	ug/L	U
034508	1,1,1-Trichloroethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.46	0.46	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 9:09:00AM	4.9	1.3	ug/L	I
077057	Vinyl acetate	N	E84282	8260B	12/22/2010 9:11:00PM	1.5	1.5	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 9:11:00PM	0.65	0.65	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.63	0.63	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/22/2010 9:11:00PM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/22/2010 9:11:00PM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/22/2010 9:11:00PM	0.44	0.44	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 9:09:00AM	2.5	2.5	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 9:09:00AM	1.3	1.3	ug/L	U
001077	Silver	N	E87052	6020A	1/5/2011 9:09:00AM	0.25	0.25	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 9:09:00AM	0.095	0.095	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 9:09:00AM	0.15	0.15	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 7:53:00PM	0.091	0.091	ug/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 9:09:00AM	2.3	2.3	ug/L	U
001087	Nickel	N	E87052	6020A	1/5/2011 9:09:00AM	7.4	2	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/22/2010 9:11:00PM	0.18	0.18	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 9:09:00AM	2.2	1.1	ug/L	I
001147	Selenium	N	E87052	6020A	1/5/2011 9:09:00AM	1	1	ug/L	U
034010	Toluene	N	E84282	8260B	12/22/2010 9:11:00PM	0.51	0.51	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/22/2010 9:11:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/22/2010 9:11:00PM	0.5	0.5	ug/L	U
000610	Ammonia as N	N	E84282	350.1	1/3/2011 3:12:00PM	0.076	0.01	mg/L	U
039180	Trichloroethene	N	E84282	8260B	12/22/2010 9:11:00PM	0.5	0.5	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 2:55:00PM	230	5	mg/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/22/2010 9:11:00PM	2.5	2.5	ug/L	U

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

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 883  
 WACS Testsite Name: Holland  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, BW-III/F)

Sample Date/Time: 12/22/2010 11:41:00AM  
 Sampling Method: Grab  
 Permitted  
 Well Type: CO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034488	Trichlorofluoromethane	N	E84282	8260B	12/22/2010 9:11:00PM	2.5	2.5	ug/L	U
034546	trans-1,2-Dichloroethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.44	0.44	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.47	0.47	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/22/2010 9:11:00PM	4	4	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	12/22/2010 9:11:00PM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/22/2010 9:11:00PM	0.98	0.98	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	12/22/2010 11:41:00AM	7.21		SU	
077424	Iodomethane	N	E84282	8260B	12/22/2010 9:11:00PM	2.5	2.5	ug/L	U
001051	Lead	N	E87052	6020A	1/5/2011 9:09:00AM	0.2	0.2	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 9:09:00AM	1900	33	ug/L	
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 9:11:00PM	0.14	0.14	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.35	0.35	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/22/2010 9:11:00PM	0.63	0.63	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/22/2010 9:11:00PM	1	1	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.34	0.34	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/22/2010 9:11:00PM	1.2	1.2	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/22/2010 9:11:00PM	2.5	2.5	ug/L	U
081552	Acetone	N	E84282	8260B	12/22/2010 9:11:00PM	9.9	9.9	ug/L	JU
034413	Bromomethane	N	E84282	8260B	12/22/2010 9:11:00PM	2.5	2.5	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.9	0.9	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.58	0.58	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.45	0.45	ug/L	U
032104	Bromoform	N	E84282	8260B	12/22/2010 9:11:00PM	0.58	0.58	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/22/2010 9:11:00PM	3.8	3.8	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.52	0.52	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/22/2010 9:11:00PM	8.4	8.4	ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/23/2010 10:55:00PM	0.0097	0.0097	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 9:11:00PM	0.15	0.15	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/22/2010 9:11:00PM	1	1	ug/L	U
078124	Benzene	N	E84282	8260B	12/22/2010 9:11:00PM	0.5	0.5	ug/L	U

Total Parameters Monitored: 74

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: Holdren  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-III/P)

Sample Date/Time: 12/22/2010 12:12:00PM  
 Sampling Method: Grab  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034486	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.45	0.45	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/22/2010 9:31:00PM	0.52	0.52	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.34	0.34	ug/L	U
034538	1,2-Dichlorobenzene	N	E84282	8260B	12/22/2010 9:31:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.57	0.57	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/22/2010 9:31:00PM	2.5	2.5	ug/L	U
032104	Bromofcsm	N	E84282	8260B	12/22/2010 9:31:00PM	0.58	0.58	ug/L	U
081552	Acetone	N	E84282	8260B	12/22/2010 9:31:00PM	9.9	9.9	ug/L	JU
034215	Acrylonitrile	N	E84282	8260B	12/22/2010 9:31:00PM	1.2	1.2	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/22/2010 9:31:00PM	4.4	4.4	ug/L	U
078124	Benzene	N	E84282	8260B	12/22/2010 9:31:00PM	0.5	0.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.35	0.35	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/22/2010 9:31:00PM	3.8	3.8	ug/L	U
034413	Bromomethane	N	E84282	8260B	12/22/2010 9:31:00PM	2.5	2.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/22/2010 9:31:00PM	1	1	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 9:31:00PM	0.14	0.14	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/22/2010 9:31:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/22/2010 9:31:00PM	0.42	0.42	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/22/2010 12:12:00PM	0.45		mg/L	
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/22/2010 9:31:00PM	0.52	0.52	ug/L	U
034508	1,1,1-Trichloroethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.46	0.46	ug/L	U
000408	Field pH	N	E84282	DEP-SOP	12/22/2010 12:12:00PM	7.51		SU	
077651	Ethylene Dibromide	N	E84282	8011	12/23/2010 11:16:00PM	0.01	0.01	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/23/2010 11:16:00PM	0.01	0.01	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/22/2010 9:31:00PM	1	1	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/22/2010 12:12:00PM	245		umhos/cm	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 9:31:00PM	0.65	0.65	ug/L	U
000010	Field Temperature	N	E84282	DEP-SOP	12/22/2010 12:12:00PM	23.9		Degrees C	
077596	Dibromomethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.41	0.41	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.15	0.15	ug/L	U
077582	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.63	0.63	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/22/2010 9:31:00PM	8.4	8.4	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.47	0.47	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	12/22/2010 12:12:00PM	0.2		NTU	
034010	Toluene	N	E84282	8260B	12/22/2010 9:31:00PM	0.51	0.51	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/22/2010 9:31:00PM	2.5	2.5	ug/L	U
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:04:00PM	0.1	0.1	mg/L	U
077128	Styrene	N	E84282	8260B	12/22/2010 9:31:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.5	0.5	ug/L	U
034548	trans-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 9:31:00PM	0.44	0.44	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/22/2010 9:31:00PM	4	4	ug/L	U
049283	trans-1,4-Dichloro-2-butane	N	E84282	8260B	12/22/2010 9:31:00PM	2.5	2.5	ug/L	U

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

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: Holdren  
 Water Classification: G-II  
 (i.e.: LC - Leachate, G-II, SW-III/P)

Sample Date/Time: 12/22/2010 12:12:00PM  
 Sampling Method: Grab  
 Permitted Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001051	Lead	N	E87052	6020A	1/5/2011 9:16:00AM	0.2	0.2	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 2:55:00PM	160	5	mg/L	
032106	Trichloromethane	N	E84282	8260B	12/22/2010 9:31:00PM	0.9	0.9	ug/L	U
000940	Chloride	N	E84282	300	1/3/2011 9:10:00PM	5	0.2	mg/L	
034488	Trichlorofluoromethane	N	E84282	8260B	12/22/2010 9:31:00PM	2.5	2.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/22/2010 9:31:00PM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/22/2010 9:31:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/22/2010 9:31:00PM	1.5	1.5	ug/L	U
000810	Ammonia as N	N	E84282	350.1	1/3/2011 3:12:00PM	0.13	0.01	mg/L	
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/22/2010 9:31:00PM	0.18	0.18	ug/L	U
001067	Nickel	N	E87052	6020A	1/5/2011 9:16:00AM	2	2	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/22/2010 9:31:00PM	0.5	0.5	ug/L	U
001097	Antimony	N	E87052	6020A	1/5/2011 9:16:00AM	2.3	2.3	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 9:16:00AM	4	1.3	ug/L	I
001012	Beryllium	N	E87052	6020A	1/5/2011 9:16:00AM	0.25	0.25	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 9:16:00AM	0.095	0.095	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 9:31:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 9:16:00AM	0.15	0.15	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 9:16:00AM	1.3	1.3	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/22/2010 9:31:00PM	0.44	0.44	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 9:16:00AM	2.1	1.1	ug/L	I
001077	Silver	N	E87052	6020A	1/5/2011 9:16:00AM	0.25	0.25	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 9:16:00AM	4.8	0.25	mg/L	
001059	Thallium	N	E87052	6020A	1/5/2011 9:16:00AM	0.5	0.5	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 9:16:00AM	3.8	3.8	ug/L	U
071900	Mercury	N	E87052	7470A	12/29/2010 7:57:00PM	0.091	0.091	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 9:16:00AM	8.3	8.3	ug/L	U
001147	Selenium	N	E87052	6020A	1/5/2011 9:16:00AM	1	1	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 9:16:00AM	2.5	2.5	ug/L	U
001045	Iron	N	E87052	6020A	1/5/2011 9:16:00AM	92	33	ug/L	I

Total Parameters Monitored: 74

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 881  
 WACS Testsite Name: Barnes  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/22/2010 12:47:00PM  
 Sampling Method: Grab  
 Permitted Well Type: CO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
071900	Mercury	N	E87052	7470A	12/29/2010 8:02:00PM	0.091	0.091	ug/L	U
001077	Silver	N	E87052	6020A	1/5/2011 9:23:00AM	0.25	0.25	ug/L	U
000929	Sodium	N	E87052	6020A	1/5/2011 9:23:00AM	16	0.25	mg/L	
001059	Thallium	N	E87052	6020A	1/5/2011 9:23:00AM	0.5	0.5	ug/L	U
049283	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/22/2010 9:52:00PM	2.5	2.5	ug/L	U
001092	Zinc	N	E87052	6020A	1/5/2011 9:23:00AM	170	8.3	ug/L	U
001087	Vanadium	N	E87052	6020A	1/5/2011 9:23:00AM	3.8	3.8	ug/L	U
000620	Nitrate (as N)	N	E84282	353.2	12/22/2010 7:04:00PM	0.17	0.1	mg/L	I
001067	Nickel	N	E87052	6020A	1/5/2011 9:23:00AM	2	2	ug/L	U
000610	Ammonia as N	N	E84282	350.1	1/3/2011 3:12:00PM	0.12	0.01	mg/L	
001045	Iron	N	E87052	6020A	1/5/2011 9:23:00AM	33	33	ug/L	U
001042	Copper	N	E87052	6020A	1/5/2011 9:23:00AM	1.1	1.1	ug/L	U
001034	Chromium	N	E87052	6020A	1/5/2011 9:23:00AM	2.5	2.5	ug/L	U
000408	Field pH	N	E84282	DEP-SOP	12/22/2010 12:47:00PM	7.46		SU	
001147	Selenium	N	E87052	6020A	1/5/2011 9:23:00AM	1	1	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 9:52:00PM	0.14	0.14	ug/L	U
001012	Beryllium	N	E87052	6020A	1/5/2011 9:23:00AM	0.25	0.25	ug/L	U
001007	Barium	N	E87052	6020A	1/5/2011 9:23:00AM	5.2	1.3	ug/L	U
001027	Cadmium	N	E87052	6020A	1/5/2011 9:23:00AM	0.095	0.095	ug/L	U
000940	Chloride	N	E84282	300	1/3/2011 9:21:00PM	7.7	0.2	mg/L	U
034508	1,1,1-Trichloroethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.46	0.46	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/22/2010 9:52:00PM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/22/2010 9:52:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/22/2010 9:52:00PM	1.5	1.5	ug/L	U
032108	Trichloromethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.9	0.9	ug/L	U
034010	Toluene	N	E84282	8260B	12/22/2010 9:52:00PM	0.51	0.51	ug/L	U
039180	Trichloroethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.5	0.5	ug/L	U
001051	Lead	N	E87052	6020A	1/5/2011 9:23:00AM	1.2	0.2	ug/L	I
034546	trans-1,2-Dichloroethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.44	0.44	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	12/28/2010 2:56:00PM	220	5	mg/L	U
034475	Tetrachloroethene	N	E84282	8260B	12/22/2010 9:52:00PM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/22/2010 9:52:00PM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/22/2010 9:52:00PM	4	4	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/22/2010 9:52:00PM	2.5	2.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/22/2010 9:52:00PM	2.5	2.5	ug/L	U
001002	Arsenic	N	E87052	6020A	1/5/2011 9:23:00AM	1.3	1.3	ug/L	U
078124	Benzene	N	E84282	8260B	12/22/2010 9:52:00PM	0.5	0.5	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.34	0.34	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 9:52:00PM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/22/2010 9:52:00PM	1	1	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/22/2010 9:52:00PM	2.5	2.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/22/2010 9:52:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	12/22/2010 9:52:00PM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/22/2010 9:52:00PM	1	1	ug/L	U

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

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WACS Facility ID #: 41193  
 WACS Testsite ID #: 881  
 WACS Testsite Name: Barnes  
 Water Classification: G-II  
 (i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 12/22/2010 12:47:00PM  
 Sampling Method: Grab  
 Permitted Well Type: CO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000010	Field Temperature	N	E84282	DEP-SOP	12/22/2010 12:47:00PM	23		Degrees C	
032101	Bromodichloromethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.58	0.58	ug/L	U
081552	Acetone	N	E84282	8260B	12/22/2010 9:52:00PM	9.9		ug/L	JU
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/22/2010 9:52:00PM	3.8		ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/22/2010 9:52:00PM	4.4		ug/L	U
032104	Bromoform	N	E84282	8260B	12/22/2010 9:52:00PM	0.58	0.58	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/22/2010 9:52:00PM	0.52	0.52	ug/L	U
001037	Cobalt	N	E87052	6020A	1/5/2011 9:23:00AM	0.15	0.15	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/22/2010 9:52:00PM	0.44		ug/L	U
034413	Bromomethane	N	E84282	8260B	12/22/2010 9:52:00PM	2.5		ug/L	U
081595	2-Butanone	N	E84282	8260B	12/22/2010 9:52:00PM	8.4		ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/22/2010 9:52:00PM	0.52	0.52	ug/L	U
034511	1,2-Dichloroethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.57	0.57	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/22/2010 9:52:00PM	1.2		ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 9:52:00PM	0.14		ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/22/2010 9:52:00PM	0.18		ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.52	0.52	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/22/2010 9:52:00PM	0.44	0.44	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.15	0.15	ug/L	U
077596	Dibromomethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.41	0.41	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.63		ug/L	U
077651	Ethylene Dibromide	N	E84282	8011	12/23/2010 11:36:00PM	0.0097	0.0097	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	12/23/2010 11:36:00PM	0.0097	0.0097	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	12/22/2010 12:47:00PM	0.4		NTU	
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/22/2010 9:52:00PM	0.47	0.47	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	12/22/2010 12:47:00PM	318		umhos/cm	
001097	Antimony	N	E87052	6020A	1/5/2011 9:23:00AM	2.3	2.3	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	12/22/2010 9:52:00PM	0.45	0.45	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/22/2010 12:47:00PM	3.78		mg/L	

Total Parameters Monitored: 74

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMSW

Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 41193

Sample Date/Time: 12/22/2010 9:35:00AM

WACS Testsite ID #: \_\_\_\_\_

Sampling Method: \_\_\_\_\_

WACS Testsite Name: Trip Blank

Permitted \_\_\_\_\_

Water Classification:

Well Type: \_\_\_\_\_

(i.e.: LC - Leachate, G-II, SW-III/F)

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034010	Toluene	N	E84282	8260B	12/22/2010 7:28 00PM	0.51	0.51	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 7:28 00PM	0.44	0.44	ug/L	U
034899	trans-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 7:28 00PM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	12/22/2010 7:28 00PM	2.5	2.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	12/22/2010 7:28 00PM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	12/22/2010 7:28 00PM	1.5	1.5	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	12/22/2010 7:28 00PM	0.5	0.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	12/22/2010 7:28 00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	12/22/2010 7:28 00PM	0.5	0.5	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	12/22/2010 7:28 00PM	3.8	3.8	ug/L	U
081552	Acetone	N	E84282	8260B	12/22/2010 7:28 00PM	9.9	9.9	ug/L	JU
034413	Bromomethane	N	E84282	8260B	12/22/2010 7:28 00PM	2.5	2.5	ug/L	U
032104	Bromoform	N	E84282	8260B	12/22/2010 7:28 00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.58	0.58	ug/L	U
081595	2-Butanone	N	E84282	8260B	12/22/2010 7:28 00PM	8.4	8.4	ug/L	U
077103	2-Hexanone	N	E84282	8260B	12/22/2010 7:28 00PM	4.4	4.4	ug/L	U
032106	Trichloromethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.9	0.9	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	12/22/2010 7:28 00PM	1	1	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	12/22/2010 7:28 00PM	0.52	0.52	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	12/22/2010 7:28 00PM	0.14	0.14	ug/L	U
078124	Benzene	N	E84282	8260B	12/22/2010 7:28 00PM	0.5	0.5	ug/L	U
077128	Styrene	N	E84282	8260B	12/22/2010 7:28 00PM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	12/22/2010 7:28 00PM	4	4	ug/L	U
034311	Chloroethane	N	E84282	8260B	12/22/2010 7:28 00PM	2.5	2.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	12/22/2010 7:28 00PM	1	1	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	12/22/2010 7:28 00PM	0.65	0.65	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.34	0.34	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	12/22/2010 7:28 00PM	0.63	0.63	ug/L	U
077424	Iodomethane	N	E84282	8260B	12/22/2010 7:28 00PM	2.5	2.5	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	12/22/2010 7:28 00PM	0.18	0.18	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	12/22/2010 7:28 00PM	0.44	0.44	ug/L	U
077598	Dibromomethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.41	0.41	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	12/22/2010 7:28 00PM	0.52	0.52	ug/L	U
039180	Trichloroethene	N	E84282	8260B	12/22/2010 7:28 00PM	0.5	0.5	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	12/22/2010 7:28 00PM	0.44	0.44	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	12/22/2010 7:28 00PM	1.2	1.2	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	12/22/2010 7:28 00PM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.47	0.47	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.15	0.15	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.63	0.63	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	12/22/2010 7:28 00PM	0.57	0.57	ug/L	U

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

Printed: 1/5/2011

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WACS Facility ID #: 41193  
 WACS Testsite ID #:  
 WACS Testsite Name: Trip Blank

Sample Date/Time: 12/22/2010 9:35:00AM  
 Sampling Method:  
 Permitted  
 Well Type:

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032102	Carbon tetrachloride	N	E84282	8260B	12/22/2010 7:28:00PM	0.42	0.42	ug/L	U

Total Parameters Monitored: 45

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



## ANALYTICAL REPORT

Job Number: 660-38997-1

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  
1/7/2011 3:18 PM

---

Nancy Robertson  
Project Manager II  
nancy.robertson@testamericainc.com  
01/07/2011

cc: Mr. Jim Clayton  
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282

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

**Job Narrative  
660-38997-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**Metals**

No analytical or quality issues were noted.

**General Chemistry**

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 104893 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.

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38997-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38997-1</b>	<b>TH-58 WACS# 1571</b>				
Field pH		5.66		SU	Field Sampling
Field Temperature		26.00		Degrees C	Field Sampling
Oxygen, Dissolved		0.42		mg/L	Field Sampling
Specific Conductance		570		umhos/cm	Field Sampling
Turbidity		0.9		NTU	Field Sampling
Chloride		130	5.0	mg/L	300.0
Ammonia as N		0.75	0.020	mg/L	350.1
Total Dissolved Solids		420	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		30	0.50	mg/L	6010B
<b>660-38997-2</b>	<b>TH-40 WACS# 822</b>				
Field pH		7.55		SU	Field Sampling
Field Temperature		22.70		Degrees C	Field Sampling
Oxygen, Dissolved		1.37		mg/L	Field Sampling
Specific Conductance		304		umhos/cm	Field Sampling
Turbidity		1.4		NTU	Field Sampling
Chloride		8.0	0.50	mg/L	300.0
Ammonia as N		0.42	0.020	mg/L	350.1
Total Dissolved Solids		220	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		17	0.50	mg/L	6010B
<b>660-38997-3</b>	<b>TH-57 WACS# 1570</b>				
Field pH		5.21		SU	Field Sampling
Field Temperature		26.20		Degrees C	Field Sampling
Oxygen, Dissolved		1.45		mg/L	Field Sampling
Specific Conductance		150		umhos/cm	Field Sampling
Turbidity		0.5		NTU	Field Sampling
Chloride		44	0.50	mg/L	300.0
Ammonia as N		0.93	0.020	mg/L	350.1
Total Dissolved Solids		110	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		13	0.50	mg/L	6010B

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38997-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38997-4</b>	<b>P-18S</b>				
Field pH		4.47		SU	Field Sampling
Field Temperature		26.15		Degrees C	Field Sampling
Oxygen, Dissolved		0.56		mg/L	Field Sampling
Specific Conductance		75		umhos/cm	Field Sampling
Turbidity		394.2		NTU	Field Sampling
Chloride		10	0.50	mg/L	300.0
Ammonia as N		0.62	0.020	mg/L	350.1
Total Dissolved Solids		110	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		8.0	0.50	mg/L	6010B
<b>660-38997-5</b>	<b>TH-42</b>				
Field pH		7.21		SU	Field Sampling
Field Temperature		23.47		Degrees C	Field Sampling
Oxygen, Dissolved		0.42		mg/L	Field Sampling
Specific Conductance		412		umhos/cm	Field Sampling
Turbidity		156.1		NTU	Field Sampling
Chloride		17	0.50	mg/L	300.0
Ammonia as N		0.24	0.020	mg/L	350.1
Total Dissolved Solids		310	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		15	0.50	mg/L	6010B
<b>660-38997-6</b>	<b>TH-28A WACS# 19862</b>				
Field pH		5.11		SU	Field Sampling
Field Temperature		25.81		Degrees C	Field Sampling
Oxygen, Dissolved		1.63		mg/L	Field Sampling
Specific Conductance		171		umhos/cm	Field Sampling
Turbidity		5.0		NTU	Field Sampling
Chloride		42	0.50	mg/L	300.0
Ammonia as N		1.2	0.020	mg/L	350.1
Total Dissolved Solids		120	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		17	0.50	mg/L	6010B
<b>660-38997-7</b>	<b>BLANK, EQUIPMENT</b>				
Ammonia as N		0.052	0.020	mg/L	350.1

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38997-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-38997-8</b>	<b>DUPLICATE</b>				
Chloride		44	0.50	mg/L	300.0
Ammonia as N		1.2	0.020	mg/L	350.1
Total Dissolved Solids		130	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		17	0.50	mg/L	6010B
<b>660-39016-1</b>	<b>SUP 2</b>				
Field pH		7.59		SU	Field Sampling
Field Temperature		24.18		Degrees C	Field Sampling
Oxygen, Dissolved		0.27		mg/L	Field Sampling
Specific Conductance		293		umhos/cm	Field Sampling
Turbidity		0.10		NTU	Field Sampling
Chloride		12	0.50	mg/L	300.0
Ammonia as N		0.15	0.020	mg/L	350.1
Total Dissolved Solids		200	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		13	2.5	mg/L	6010B
<b>660-39016-2</b>	<b>TH-19 WACS#821</b>				
Field pH		7.40		SU	Field Sampling
Field Temperature		23.23		Degrees C	Field Sampling
Oxygen, Dissolved		0.78		mg/L	Field Sampling
Specific Conductance		319		umhos/cm	Field Sampling
Turbidity		0.2		NTU	Field Sampling
Chloride		7.9	0.50	mg/L	300.0
Ammonia as N		0.23	0.020	mg/L	350.1
Total Dissolved Solids		230	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		16	2.5	mg/L	6010B

## EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-38997-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-39016-3</b>	<b>SUP 1</b>				
Field pH		7.63		SU	Field Sampling
Field Temperature		24.46		Degrees C	Field Sampling
Oxygen, Dissolved		0.49		mg/L	Field Sampling
Specific Conductance		275		umhos/cm	Field Sampling
Turbidity		0.1		NTU	Field Sampling
Chloride		9.9	0.50	mg/L	300.0
Ammonia as N		0.17	0.020	mg/L	350.1
Total Dissolved Solids		180	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		11	2.5	mg/L	6010B

## METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-38997-1

Description	Lab Location	Method	Preparation Method
<b>Matrix</b> Water			
Metals (ICP)	TAL TAM	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL TAM		SW846 3005A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

### Lab References:

TAL TAM = TestAmerica Tampa

### Method References:

EPA = US Environmental Protection Agency

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

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

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

## METHOD / ANALYST SUMMARY

Client: Hillsborough County

Job Number: 660-38997-1

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
SW846 6010B	Fox, Greg	GF
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Steward, Tiffany	TS
MCAWW 350.1	Office, Trey	TO
SM SM 2540C	Oonnoony, Thomas	TO



## SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-38997-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
660-38997-1	TH-58 WACS# 1571	Water	12/28/2010 1153	12/28/2010 1453
660-38997-2	TH-40 WACS# 822	Water	12/28/2010 1009	12/28/2010 1453
660-38997-3	TH-57 WACS# 1570	Water	12/28/2010 1042	12/28/2010 1453
660-38997-4	P-18S	Water	12/28/2010 1229	12/28/2010 1453
660-38997-5	TH-42	Water	12/28/2010 1341	12/28/2010 1453
660-38997-6	TH-28A WACS# 19862	Water	12/28/2010 1104	12/28/2010 1453
660-38997-7	Blank, Equipment	Water	12/28/2010 0950	12/28/2010 1453
660-38997-8	Duplicate	Water	12/28/2010 0000	12/28/2010 1453
660-39016-1	SUP 2	Water	12/29/2010 1120	12/29/2010 1325
660-39016-2	TH-19 WACS#821	Water	12/29/2010 1045	12/29/2010 1325
660-39016-3	SUP 1	Water	12/29/2010 1149	12/29/2010 1325

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Job Number: 660-38997-1

Client Sample ID: TH-58 WACS# 1571  
 Lab Sample ID: 660-38997-1

Date Sampled: 12/28/2010 1153  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	30	mg/L	0.31	0.50	1.0
Method: 300.0 Run Type: DL Chloride	130	mg/L	2.0	5.0	10
Method: 350.1 Ammonia as N	0.75 J3	mg/L	0.010	0.020	1.0

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Job Number: 660-38997-1

Client Sample ID: TH-58 WACS# 1571  
Lab Sample ID: 660-38997-1

Date Sampled: 12/28/2010 1153  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/28/2010 1153	
Field pH	5.66	SU			1.0
Field Temperature	26.00	Degrees C			1.0
Oxygen, Dissolved	0.42	mg/L			1.0
Specific Conductance	570	umhos/cm			1.0
Turbidity	0.9	NTU			1.0

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Job Number: 660-38997-1

Client Sample ID: TH-58 WACS# 1571  
Lab Sample ID: 660-38997-1

Date Sampled: 12/28/2010 1153  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/03/2011 1411	
Total Dissolved Solids	420	mg/L	5.0	5.0	1.0

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Job Number: 660-38997-1

Client Sample ID: TH-40 WACS# 822  
 Lab Sample ID: 660-38997-2

Date Sampled: 12/28/2010 1009  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	17	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	8.0	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.42	mg/L	0.010	0.020	1.0

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Job Number: 660-38997-1

Client Sample ID: TH-40 WACS# 822  
 Lab Sample ID: 660-38997-2

Date Sampled: 12/28/2010 1009  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>		<b>Date Analyzed: 12/28/2010 1009</b>			
Field pH	7.55	SU			1.0
Field Temperature	22.70	Degrees C			1.0
Oxygen, Dissolved	1.37	mg/L			1.0
Specific Conductance	304	umhos/cm			1.0
Turbidity	1.4	NTU			1.0

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Job Number: 660-38997-1

Client Sample ID: TH-40 WACS# 822  
Lab Sample ID: 660-38997-2

Date Sampled: 12/28/2010 1009  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/03/2011 1412	
Total Dissolved Solids	220	mg/L	5.0	5.0	1.0

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Job Number: 660-38997-1

Client Sample ID: TH-57 WACS# 1570  
 Lab Sample ID: 660-38997-3

Date Sampled: 12/28/2010 1042  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: Total Recoverable-6010B</b>					
<b>Prep Method: 3005A</b>					
Sodium	13	mg/L	0.31	0.50	1.0
<b>Method: 300.0</b>					
Chloride	44	mg/L	0.20	0.50	1.0
<b>Method: 350.1</b>					
Ammonia as N	0.93	mg/L	0.010	0.020	1.0



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Job Number: 660-38997-1

Client Sample ID: TH-57 WACS# 1570  
 Lab Sample ID: 660-38997-3

Date Sampled: 12/28/2010 1042  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/28/2010 1042	
Field pH	5.21	SU			1.0
Field Temperature	26.20	Degrees C			1.0
Oxygen, Dissolved	1.45	mg/L			1.0
Specific Conductance	150	umhos/cm			1.0
Turbidity	0.5	NTU			1.0

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Job Number: 660-38997-1

Client Sample ID: TH-57 WACS# 1570  
Lab Sample ID: 660-38997-3

Date Sampled: 12/28/2010 1042  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	110	mg/L	5.0	01/03/2011 1412 5.0	1.0

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Job Number: 660-38997-1

Client Sample ID: P-18S  
 Lab Sample ID: 660-38997-4

Date Sampled: 12/28/2010 1229  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: Total Recoverable-6010B</b>					
<b>Prep Method: 3005A</b>					
Sodium	8.0	mg/L	0.31	0.50	1.0
<b>Method: 300.0</b>					
Chloride	10	mg/L	0.20	0.50	1.0
<b>Method: 350.1</b>					
Ammonia as N	0.62	mg/L	0.010	0.020	1.0

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Job Number: 660-38997-1

Client Sample ID: P-18S  
Lab Sample ID: 660-38997-4

Date Sampled: 12/28/2010 1229  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	12/28/2010 1229	
Field pH	4.47	SU			1.0
Field Temperature	26.15	Degrees C			1.0
Oxygen, Dissolved	0.56	mg/L			1.0
Specific Conductance	75	umhos/cm			1.0
Turbidity	394.2	NTU			1.0

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Job Number: 660-38997-1

Client Sample ID: P-18S  
Lab Sample ID: 660-38997-4

Date Sampled: 12/28/2010 1229  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/03/2011 1413	
Total Dissolved Solids	110	mg/L	5.0	5.0	1.0

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Job Number: 660-38997-1

Client Sample ID: TH-42  
 Lab Sample ID: 660-38997-5

Date Sampled: 12/28/2010 1341  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	15	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	17	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.24	mg/L	0.010	0.020	1.0

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Job Number: 660-38997-1

Client Sample ID: TH-42  
Lab Sample ID: 660-38997-5

Date Sampled: 12/28/2010 1341  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/28/2010 1341	
Field pH	7.21	SU			1.0
Field Temperature	23.47	Degrees C			1.0
Oxygen, Dissolved	0.42	mg/L			1.0
Specific Conductance	412	umhos/cm			1.0
Turbidity	156.1	NTU			1.0

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Job Number: 660-38997-1

Client Sample ID: TH-42  
Lab Sample ID: 660-38997-5

Date Sampled: 12/28/2010 1341  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 01/03/2011 1413		
Total Dissolved Solids	310	mg/L	5.0	5.0	1.0



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Job Number: 660-38997-1

Client Sample ID: TH-28A WACS# 19862  
 Lab Sample ID: 660-38997-6

Date Sampled: 12/28/2010 1104  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: Total Recoverable-6010B</b>					
<b>Prep Method: 3005A</b>					
Sodium	17	mg/L	0.31	0.50	1.0
<b>Method: 300.0</b>					
Chloride	42	mg/L	0.20	0.50	1.0
<b>Method: 350.1</b>					
Ammonia as N	1.2	mg/L	0.010	0.020	1.0

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Job Number: 660-38997-1

Client Sample ID: TH-28A WACS# 19862  
 Lab Sample ID: 660-38997-6

Date Sampled: 12/28/2010 1104  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/28/2010 1104	
Field pH	5.11	SU			1.0
Field Temperature	25.81	Degrees C			1.0
Oxygen, Dissolved	1.63	mg/L			1.0
Specific Conductance	171	umhos/cm			1.0
Turbidity	5.0	NTU			1.0

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Job Number: 660-38997-1

Client Sample ID: TH-28A WACS# 19862  
Lab Sample ID: 660-38997-6

Date Sampled: 12/28/2010 1104  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 01/03/2011 1414		
Total Dissolved Solids	120	mg/L	5.0	5.0	1.0

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Job Number: 660-38997-1

Client Sample ID: Blank, Equipment  
 Lab Sample ID: 660-38997-7

Date Sampled: 12/28/2010 0950  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	0.31 U	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	0.20 U	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.052	mg/L	0.010	0.020	1.0

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Job Number: 660-38997-1

Client Sample ID: Blank, Equipment  
Lab Sample ID: 660-38997-7

Date Sampled: 12/28/2010 0950  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0

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Job Number: 660-38997-1

Client Sample ID: Duplicate  
 Lab Sample ID: 660-38997-8

Date Sampled: 12/28/2010 0000  
 Date Received: 12/28/2010 1453  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: Total Recoverable-6010B</b>			Date Analyzed:	01/05/2011 1423	
<b>Prep Method: 3005A</b>			Date Prepared:	01/05/2011 0800	
Sodium	17	mg/L	0.31	0.50	1.0
<b>Method: 300.0</b>			Date Analyzed:	01/05/2011 1602	
Chloride	44	mg/L	0.20	0.50	1.0
<b>Method: 350.1</b>			Date Analyzed:	01/06/2011 1044	
Ammonia as N	1.2	mg/L	0.010	0.020	1.0

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Job Number: 660-38997-1

Client Sample ID: Duplicate  
Lab Sample ID: 660-38997-8

Date Sampled: 12/28/2010 0000  
Date Received: 12/28/2010 1453  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 01/03/2011 1417		
Total Dissolved Solids	130	mg/L	5.0	5.0	1.0

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Job Number: 660-38997-1

Client Sample ID: SUP 2  
Lab Sample ID: 660-39016-1

Date Sampled: 12/29/2010 1120  
Date Received: 12/29/2010 1325  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	13	mg/L	1.6	2.5	5.0
Method: 300.0 Chloride	12	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.15	mg/L	0.010	0.020	1.0



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Job Number: 660-38997-1

Client Sample ID: SUP 2  
Lab Sample ID: 660-39016-1

Date Sampled: 12/29/2010 1120  
Date Received: 12/29/2010 1325  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
<b>Method: Field Sampling</b>			Date Analyzed:	12/29/2010 1120	
Field pH	7.59	SU			1.0
Field Temperature	24.18	Degrees C			1.0
Oxygen, Dissolved	0.27	mg/L			1.0
Specific Conductance	293	umhos/cm			1.0
Turbidity	0.10	NTU			1.0

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Job Number: 660-38997-1

Client Sample ID: SUP 2  
Lab Sample ID: 660-39016-1

Date Sampled: 12/29/2010 1120  
Date Received: 12/29/2010 1325  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	200	mg/L	5.0	5.0	1.0

Date Analyzed: 01/04/2011 0920

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Job Number: 660-38997-1

Client Sample ID: TH-19 WACS#821  
 Lab Sample ID: 660-39016-2

Date Sampled: 12/29/2010 1045  
 Date Received: 12/29/2010 1325  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	16	mg/L	1.6	2.5	5.0
Method: 300.0 Chloride	7.9	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.23	mg/L	0.010	0.020	1.0

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Job Number: 660-38997-1

Client Sample ID: TH-19 WACS#821  
Lab Sample ID: 660-39016-2

Date Sampled: 12/29/2010 1045  
Date Received: 12/29/2010 1325  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	12/29/2010 1045	
Field pH	7.40	SU			1.0
Field Temperature	23.23	Degrees C			1.0
Oxygen, Dissolved	0.78	mg/L			1.0
Specific Conductance	319	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

Job Number: 660-38997-1

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Client Sample ID: TH-19 WACS#821  
Lab Sample ID: 660-39016-2

Date Sampled: 12/29/2010 1045  
Date Received: 12/29/2010 1325  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 01/04/2011 0920		
Total Dissolved Solids	230	mg/L	5.0	5.0	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: 660-38997-1

Client Sample ID: SUP 1  
 Lab Sample ID: 660-39016-3

Date Sampled: 12/29/2010 1149  
 Date Received: 12/29/2010 1325  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
<b>Method: Total Recoverable-6010B</b>			Date Analyzed:	01/05/2011 1155	
<b>Prep Method: 3005A</b>			Date Prepared:	01/04/2011 1115	
Sodium	11	mg/L	1.6	2.5	5.0
<b>Method: 300.0</b>			Date Analyzed:	01/05/2011 1935	
Chloride	9.9	mg/L	0.20	0.50	1.0
<b>Method: 350.1</b>			Date Analyzed:	01/06/2011 1046	
Ammonia as N	0.17	mg/L	0.010	0.020	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: 660-38997-1

Client Sample ID: SUP 1  
Lab Sample ID: 660-39016-3

Date Sampled: 12/29/2010 1149  
Date Received: 12/29/2010 1325  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	12/29/2010 1149	
Field pH	7.63	SU			1.0
Field Temperature	24.46	Degrees C			1.0
Oxygen, Dissolved	0.49	mg/L			1.0
Specific Conductance	275	umhos/cm			1.0
Turbidity	0.1	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: 660-38997-1

Client Sample ID: SUP 1  
Lab Sample ID: 660-39016-3

Date Sampled: 12/29/2010 1149  
Date Received: 12/29/2010 1325  
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	180	mg/L	5.0	5.0	1.0



## DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-38997-1

<u>Lab Section</u>	<u>Qualifier</u>	<u>Description</u>
Metals		
	U	Indicates that the compound was analyzed for but not detected.
General Chemistry		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38997-1

**Method Blank - Batch: 660-104782**

Lab Sample ID: MB 660-104782/1-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 01/05/2011 1021  
 Date Prepared: 01/04/2011 1115

Analysis Batch: 660-104848  
 Prep Batch: 660-104782  
 Units: mg/L

**Method: 6010B  
 Preparation: 3005A  
 Total Recoverable**

Instrument ID: ICPC  
 Lab File ID: 11A05C.asc  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

**Lab Control Sample - Batch: 660-104782**

Lab Sample ID: LCS 660-104782/2-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 01/05/2011 1025  
 Date Prepared: 01/04/2011 1115

Analysis Batch: 660-104848  
 Prep Batch: 660-104782  
 Units: mg/L

**Method: 6010B  
 Preparation: 3005A  
 Total Recoverable**

Instrument ID: ICPC  
 Lab File ID: 11A05C.asc  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	10.4	104	75 - 125	

**Matrix Spike/  
 Matrix Spike Duplicate Recovery Report - Batch: 660-104782**

MS Lab Sample ID: 660-38992-B-11-B MS  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 01/05/2011 1127  
 Date Prepared: 01/04/2011 1115

Analysis Batch: 660-104848  
 Prep Batch: 660-104782

**Method: 6010B  
 Preparation: 3005A  
 Total Recoverable**

Instrument ID: ICPC  
 Lab File ID: 11A05C.asc  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-38992-B-11-C MSD  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 01/05/2011 1130  
 Date Prepared: 01/04/2011 1115

Analysis Batch: 660-104848  
 Prep Batch: 660-104782

Instrument ID: ICPC  
 Lab File ID: 11A05C.asc  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	105	106	75 - 125	1	20		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38997-1

**Method Blank - Batch: 660-104825**

Lab Sample ID: MB 660-104825/1-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 01/05/2011 1310  
 Date Prepared: 01/05/2011 0800

Analysis Batch: 660-104872  
 Prep Batch: 660-104825  
 Units: mg/L

**Method: 6010B**  
**Preparation: 3005A**  
**Total Recoverable**

Instrument ID: ICPC  
 Lab File ID: 11A05C3.asc  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

**Lab Control Sample - Batch: 660-104825**

Lab Sample ID: LCS 660-104825/2-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 01/05/2011 1313  
 Date Prepared: 01/05/2011 0800

Analysis Batch: 660-104872  
 Prep Batch: 660-104825  
 Units: mg/L

**Method: 6010B**  
**Preparation: 3005A**  
**Total Recoverable**

Instrument ID: ICPC  
 Lab File ID: 11A05C3.asc  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	10.3	103	75 - 125	

**Matrix Spike/  
 Matrix Spike Duplicate Recovery Report - Batch: 660-104825**

MS Lab Sample ID: 660-39060-C-1-B MS  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 01/05/2011 1324  
 Date Prepared: 01/05/2011 0800

Analysis Batch: 660-104872  
 Prep Batch: 660-104825

**Method: 6010B**  
**Preparation: 3005A**  
**Total Recoverable**

Instrument ID: ICPC  
 Lab File ID: 11A05C3.asc  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-39060-C-1-C MSD  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 01/05/2011 1327  
 Date Prepared: 01/05/2011 0800

Analysis Batch: 660-104872  
 Prep Batch: 660-104825

Instrument ID: ICPC  
 Lab File ID: 11A05C3.asc  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	105	87	75 - 125	10	20		

**Quality Control Results**

Client: Hillsborough County

Job Number: 660-38997-1

**Method Blank - Batch: 660-104873**

**Method: 300.0**  
**Preparation: N/A**

Lab Sample ID: MB 660-104873/5  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/05/2011 1202  
Date Prepared: N/A

Analysis Batch: 660-104873  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

**Lab Control Sample - Batch: 660-104873**

**Method: 300.0**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104873/6  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/05/2011 1228  
Date Prepared: N/A

Analysis Batch: 660-104873  
Prep Batch: N/A  
Units: mg/L

Instrument ID: DIONEX2  
Lab File ID: 13.0000.d  
Initial Weight/Volume: 1 mL  
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.83	98	90 - 110	

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38997-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104873**

**Method: 300.0  
Preparation: N/A**

MS Lab Sample ID: 660-38997-2      Analysis Batch: 660-104873  
Client Matrix: Water                      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 01/05/2011 1722  
Date Prepared: N/A

Instrument ID: DIONEX2  
Lab File ID: 24.0000.d  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL  
1 uL

MSD Lab Sample ID: 660-38997-2      Analysis Batch: 660-104873  
Client Matrix: Water                      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 01/05/2011 1748  
Date Prepared: N/A

Instrument ID: DIONEX2  
Lab File ID: 25.0000.d  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL  
1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	101	99	90 - 110	1	30		

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104873**

**Method: 300.0  
Preparation: N/A**

MS Lab Sample ID: 660-39016-3      Analysis Batch: 660-104873  
Client Matrix: Water                      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 01/05/2011 2002  
Date Prepared: N/A

Instrument ID: DIONEX2  
Lab File ID: 30.0000.d  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL  
1 uL

MSD Lab Sample ID: 660-39016-3      Analysis Batch: 660-104873  
Client Matrix: Water                      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 01/05/2011 2029  
Date Prepared: N/A

Instrument ID: DIONEX2  
Lab File ID: 31.0000.d  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL  
1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	106	103	90 - 110	1	30		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38997-1

**Method Blank - Batch: 660-104751**

**Method: 350.1**  
**Preparation: N/A**

Lab Sample ID: MB 660-104751/25  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1425  
Date Prepared: N/A

Analysis Batch: 660-104751  
Prep Batch: N/A  
Units: mg/L

Instrument ID: LACHAT  
Lab File ID: 01.03.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

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

**Lab Control Sample - Batch: 660-104751**

**Method: 350.1**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104751/26  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1426  
Date Prepared: N/A

Analysis Batch: 660-104751  
Prep Batch: N/A  
Units: mg/L

Instrument ID: LACHAT  
Lab File ID: 01.03.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia as N	0.500	0.508	102	90 - 110	

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104751**

**Method: 350.1**  
**Preparation: N/A**

MS Lab Sample ID: 660-38939-B-2 MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1429  
Date Prepared: N/A

Analysis Batch: 660-104751  
Prep Batch: N/A

Instrument ID: LACHAT  
Lab File ID: 01.03.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-38939-B-2 MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1430  
Date Prepared: N/A

Analysis Batch: 660-104751  
Prep Batch: N/A

Instrument ID: LACHAT  
Lab File ID: 01.03.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	104	103	90 - 110	1	30		

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38997-1

**Method Blank - Batch: 660-104893**

**Method: 350.1**  
**Preparation: N/A**

Lab Sample ID: MB 660-104893/11  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/06/2011 1031  
Date Prepared: N/A

Analysis Batch: 660-104893  
Prep Batch: N/A  
Units: mg/L

Instrument ID: LACHAT  
Lab File ID: 01.06.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

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

**Lab Control Sample - Batch: 660-104893**

**Method: 350.1**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104893/12  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/06/2011 1032  
Date Prepared: N/A

Analysis Batch: 660-104893  
Prep Batch: N/A  
Units: mg/L

Instrument ID: LACHAT  
Lab File ID: 01.06.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia as N	0.500	0.491	98	90 - 110	

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 660-104893**

**Method: 350.1**  
**Preparation: N/A**

MS Lab Sample ID: 660-38997-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/06/2011 1034  
Date Prepared: N/A

Analysis Batch: 660-104893  
Prep Batch: N/A

Instrument ID: LACHAT  
Lab File ID: 01.06.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-38997-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/06/2011 1035  
Date Prepared: N/A

Analysis Batch: 660-104893  
Prep Batch: N/A

Instrument ID: LACHAT  
Lab File ID: 01.06.11.NH3.txt  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	67	65	90 - 110	1	30	J3	J3

## Quality Control Results

Client: Hillsborough County

Job Number: 660-38997-1

**Method Blank - Batch: 660-104741**

**Method: SM 2540C**  
**Preparation: N/A**

Lab Sample ID: MB 660-104741/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1407  
Date Prepared: N/A

Analysis Batch: 660-104741  
Prep Batch: N/A  
Units: mg/L

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

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

**Lab Control Sample - Batch: 660-104741**

**Method: SM 2540C**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104741/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1408  
Date Prepared: N/A

Analysis Batch: 660-104741  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9970	100	80 - 120	

**Duplicate - Batch: 660-104741**

**Method: SM 2540C**  
**Preparation: N/A**

Lab Sample ID: 660-38995-A-1 DU  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/03/2011 1409  
Date Prepared: N/A

Analysis Batch: 660-104741  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	980	982	0.4	20	



## Quality Control Results

Client: Hillsborough County

Job Number: 660-38997-1

**Method Blank - Batch: 660-104769**

**Method: SM 2540C**  
**Preparation: N/A**

Lab Sample ID: MB 660-104769/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/04/2011 0916  
Date Prepared: N/A

Analysis Batch: 660-104769  
Prep Batch: N/A  
Units: mg/L

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

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

**Lab Control Sample - Batch: 660-104769**

**Method: SM 2540C**  
**Preparation: N/A**

Lab Sample ID: LCS 660-104769/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/04/2011 0917  
Date Prepared: N/A

Analysis Batch: 660-104769  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9730	97	80 - 120	

**Duplicate - Batch: 660-104769**

**Method: SM 2540C**  
**Preparation: N/A**

Lab Sample ID: 660-39009-A-2 DU  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 01/04/2011 0918  
Date Prepared: N/A

Analysis Batch: 660-104769  
Prep Batch: N/A  
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	1400	1360	0.1	20	

660-38997

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 12-28-10 | 2:30P

LOCATION: TH-58 WACS# 1571 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A.Balloon  JC

WELL DIAMETER: <u>2.0</u> INCH:		DATE	TIME
TOTAL DEPTH OF WELL: <u>32.92</u> Ft.	PURGE STARTED:	<u>12-28-10</u>	<u>11:14</u>
DEPTH TO WATER: <u>28.34</u> Ft.	PURGE RATE:	<u>125</u>	GPM.
LENGTH OF WATER COL: <u>4.58</u> Ft.		DATE	TIME
VOLUME TO PURGE: <u>0.7</u> Gal.	PURGE ENDED:	<u>12-28-10</u>	<u>11:53</u>
	ACT. VOL. PURGED:	<u>2</u>	GAL.

8

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB	
<u>AL</u>	<u>JC</u>	<u>11:47</u>	<u>26.01</u>	<u>5.72</u>	<u>5.69</u>	<u>0.48</u>	<u>0.6</u> =
<u>AL</u>	<u>JC</u>	<u>11:50</u>	<u>26.00</u>	<u>5.71</u>	<u>5.68</u>	<u>0.46</u>	<u>0.7</u>
<u>AL</u>	<u>JC</u>	<u>11:53</u>	<u>26.00</u>	<u>5.70</u>	<u>5.66</u>	<u>0.42</u>	<u>0.9</u>

DRAW DOWN  
28.40  
28.40  
28.40

SAMPLE CONTAINERS

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED	
DATE	TIME
<u>12-28-10</u>	<u>11:53</u>

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

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

ABOVE LISTED SAMPLES:		DATE	TIME
RELINQUISHED BY: <u>AL</u>	REP. OF SOLID WASTE DEPT.	<u>12-28-10</u>	<u>2:53</u>
ACCEPTED BY: <u>Christina Kelly</u>	REP. OF CONTRACT LAB.	<u>12-28-10</u>	<u>2:53</u>

COMMENTS: W00#0029  
1.9° C u07

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME  
 RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_  
 ACCEPTED BY: Air Clayton REP. OF SOLID WASTE DEPT. 12.29.10 | 2:30P  
 LOCATION: TH-40 WACS# 822 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_  
 PERSONAL ENGAGED IN SAMPLE COLLECTION  A.Balloon  J.C.

WELL DIAMETER: 2.0 INCH: \_\_\_\_\_ DATE | TIME  
 TOTAL DEPTH OF WELL: 165.90 Ft. PURGE STARTED: 12-29-10 | 9:55  
 DEPTH TO WATER: 116.90 Ft. PURGE RATE: 1.0 GPM.  
 LENGTH OF WATER COL: 49 Ft. DATE | TIME  
 VOLUME TO PURGE: 7.8 Gal. PURGE ENDED: 12-28-10 | 10:09  
 ACT. VOL. PURGED: 14 GAL.

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FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB	
<u>A3</u>	<u>JL</u>	<u>10:03</u>	<u>22.71</u>	<u>303</u>	<u>7.55</u>	<u>1.37</u>	<u>1.6 =</u>
<u>A3</u>	<u>JL</u>	<u>10:06</u>	<u>22.71</u>	<u>303</u>	<u>7.56</u>	<u>1.38</u>	<u>1.4</u>
<u>A3</u>	<u>JL</u>	<u>10:09</u>	<u>22.70</u>	<u>304</u>	<u>7.55</u>	<u>1.37</u>	<u>1.4</u>

DRAW DOWN  
117.00  
117.00  
117.00

SAMPLE CONTAINERS

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
 DATE | TIME  
12-28-10 | 10:09

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

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

ABOVE LISTED SAMPLES: \_\_\_\_\_ DATE | TIME  
 RELINQUISHED BY: Air Clayton REP. OF SOLID WASTE DEPT. 12-28-10 | 7:53  
 ACCEPTED BY: Carol McMillan REP. OF CONTRACT LAB. 12-28-10 | 7:53

COMMENT'S: WO# 0028

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Lin Clayton REP. OF SOLID WASTE DEPT. 12.23.10 2:30P

LOCATION: TH-57 WACS# 1570 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A.Balloon  JL

WELL DIAMETER: 2.0 INCH:  
 TOTAL DEPTH OF WELL: 26.83 Ft.  
 DEPTH TO WATER: 20.26 Ft.  
 LENGTH OF WATER COL: 6.57 Ft.  
 VOLUME TO PURGE: 1.0 Gal.

PURGE STARTED: 12-28-10 10:30  
 PURGE RATE: .25 GPM.  
 PURGE ENDED: 12-28-10 10:42  
 ACT. VOL. PURGED: 3 GAL.

12

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB	
<u>13 JL</u>	<u>10:34</u>	<u>26.20</u>	<u>150</u>	<u>5.21</u>	<u>1.46</u>	<u>0.7</u>	= <u>20.85</u>
<u>14 JL</u>	<u>10:38</u>	<u>26.20</u>	<u>150</u>	<u>5.27</u>	<u>1.47</u>	<u>0.7</u>	<u>20.85</u>
<u>15 JL</u>	<u>10:42</u>	<u>26.20</u>	<u>150</u>	<u>5.21</u>	<u>1.45</u>	<u>0.5</u>	<u>20.85</u>

SAMPLE CONTAINERS

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
 DATE | TIME  
12-28-10 | 10:42

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 46.5 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:  
 RELINQUISHED BY: \_\_\_\_\_ REP. OF SOLID WASTE DEPT. 12-28-10 2:53  
 ACCEPTED BY: Lin Clayton REP. OF CONTRACT LAB. 12-28-10 2:53

COMMENTS: wo #0028

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_

REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Jim Clayton

REP. OF SOLID WASTE DEPT. 12.28.10 | 2:30P

LOCATION: P-18S

SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION

A. Balloon  JC

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 42.50 Ft.

DEPTH TO WATER: 19.02 Ft.

LENGTH OF WATER COL: 23.48 Ft.

VOLUME TO PURGE: 3.7 Gal.

PURGE STARTED: \_\_\_\_\_

PURGE RATE: \_\_\_\_\_

PURGE ENDED: \_\_\_\_\_

ACT. VOL. PURGED: \_\_\_\_\_

DATE | TIME

12.28.10 | 12:11

1.25 GPM.

DATE | TIME

12.28.10 | 12:29

4.5 GAL.

18

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB	DRAW DOWN
<u>AS</u>	<u>JL</u>	<u>12:25</u>	<u>75</u>	<u>4.47</u>	<u>0.60</u>	<u>396.7 =</u>	<u>19.96</u>
<u>AS</u>	<u>JL</u>	<u>12:27</u>	<u>75</u>	<u>4.47</u>	<u>0.58</u>	<u>395.1</u>	<u>19.98</u>
<u>AS</u>	<u>JL</u>	<u>12:29</u>	<u>75</u>	<u>4.47</u>	<u>0.56</u>	<u>394.2</u>	<u>19.99</u>

SAMPLE CONTAINERS

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12.28.10 | 12.29

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: AS

REP. OF SOLID WASTE DEPT. 12.28.10 | 2:53

ACCEPTED BY: Carol McNeilly

REP. OF CONTRACT LAB. 12.28.10 | 2:53

COMMENT'S: W07#0025

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Di Clafra REP. OF SOLID WASTE DEPT. 12.28.10 | 2:30P

LOCATION: TH-42 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  JC

WELL DIAMETER: 2.0 INCH: 160.10  
 TOTAL DEPTH OF WELL: 164 Ft.  
 DEPTH TO WATER: 89.22 Ft.  
 LENGTH OF WATER COL: 70.88 Ft.  
 VOLUME TO PURGE: 11.3 Gal.

PURGE STARTED: 12-28-10 12:50  
 PURGE RATE: 1.0 GPM.  
 PURGE ENDED: 12-28-10 1:41  
 ACT. VOL. PURGED: 51 GAL.

51

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB	
<u>13</u> JC	<u>1:35</u>	<u>23.47</u>	<u>412</u>	<u>7.20</u>	<u>0.39</u>	<u>218.8</u>	<u>115.5</u>
<u>13</u> JC	<u>1:38</u>	<u>23.47</u>	<u>411</u>	<u>7.21</u>	<u>0.40</u>	<u>156.9</u>	<u>116.2</u>
<u>13</u> JC	<u>1:41</u>	<u>23.47</u>	<u>412</u>	<u>7.21</u>	<u>0.42</u>	<u>156.1</u>	<u>118.3</u>

SAMPLE CONTAINERS

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-28-10 | 1:41

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

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

ABOVE LISTED SAMPLES:  
 RELINQUISHED BY: ABU REP. OF SOLID WASTE DEPT 12-28-10 2:53  
 ACCEPTED BY: Carol McMillin REP. OF CONTRACT LAB. 12-28-10 2:53

COMMENT'S: NO # 0028

**SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 12.28.10 | 2:30P

LOCATION: TH-28A WACS# 19862 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon

WELL DIAMETER: 2.0 INCH: \_\_\_\_\_ DATE | TIME  
 TOTAL DEPTH OF WELL: 34.30 Ft. PURGE STARTED: 12-28-10 | 10:58  
 DEPTH TO WATER: 28.75 Ft. PURGE RATE: 20 GPM.  
 LENGTH OF WATER COL: 5.55 Ft. DATE | TIME  
 VOLUME TO PURGE: 0.8 Gal. PURGE ENDED: 12-28-10 | 11:04  
 ACT. VOL. PURGED: 1.2 GAL.

**FIELD PARAMETERS:**

BY	TIME	TEMP	COND	PH	DO	TURB	
<del>JG</del>	<del>11:00</del>	<del>25.80</del>	<del>171</del>	<del>5.10</del>	<del>1.63</del>	<del>5.3</del>	<del>29.45</del>
<del>JL</del>	<del>11:02</del>	<del>25.81</del>	<del>171</del>	<del>5.11</del>	<del>1.63</del>	<del>5.1</del>	<del>29.46</del>
<del>JL</del>	<del>11:04</del>	<del>25.81</del>	<del>171</del>	<del>5.11</del>	<del>1.63</del>	<del>5.0</del>	<del>29.47</del>

*6min*  
*DRAW DOWN*

**SAMPLE CONTAINERS**

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-28-10 | 11:04

**ANALYSIS REQUESTED:**

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

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

ABOVE LISTED SAMPLES: \_\_\_\_\_ DATE | TIME  
 RELINQUISHED BY: Bu REP. OF SOLID WASTE DEPT. 12-28-10 | 2:53  
 ACCEPTED BY: Carol McManly REP. OF CONTRACT LAB. 12-28-10 | 2:3

COMMENT'S: W0#0028

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Dir Clayton REP. OF SOLID WASTE DEPT. 12.28.10 | 2:30P

LOCATION: BLANK, EQUIPMENT SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A.Balloon  JC

FIELD PARAMETERS: N/A

**SAMPLE CONTAINERS**

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12-28-10 | 9:50

**ANALYSIS REQUESTED:**

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

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

ABOVE LISTED SAMPLES: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 12-28-10 | 2:53

ACCEPTED BY: Carol McPhilly REP. OF CONTRACT LAB. 12-28-10 | 2:53

COMMENT'S: well 0028



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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 12.28.10 | 2:30P

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION :  A. Balloon  JLC

FIELD PARAMETERS: N/A

**SAMPLE CONTAINERS**

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
 DATE | TIME  
12-28-10 | \_\_\_\_\_

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

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

ABOVE LISTED SAMPLES: \_\_\_\_\_ DATE | TIME

RELINQUISHED BY: AB REP. OF SOLID WASTE DEPT. 12-28-10 | 2:53

ACCEPTED BY: Carol McMillin REP. OF CONTRACT LAB. 12-28-10 | 2:53

COMMENT'S: NO# 0028

660-39016

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Lin Clayton REP. OF SOLID WASTE DEPT. 12.28.10 | 2:30P

LOCATION: SUP 2 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  Clayton

WELL DIAMETER: \_\_\_\_\_ INCH:  
TOTAL DEPTH OF WELL: \_\_\_\_\_ Ft.  
DEPTH TO WATER: \_\_\_\_\_ Ft.  
LENGTH OF WATER COL: \_\_\_\_\_ Ft.  
VOLUME TO PURGE: \_\_\_\_\_ Gal.

PURGE STARTED: 12.29.10 | 10:59  
PURGE RATE: \_\_\_\_\_ GPM.  
DATE | TIME  
PURGE ENDED: 12.29.10 | 11:24 11:20  
ACT. VOL. PURGED: 15.21 GAL. mi

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
Jc	11:14	24.17	294	7.57	0.30	0.10 =
Jc	11:17	24.18	294	7.57	0.28	0.10
Jc	11:20	24.18	293	7.59	0.27	0.10

SAMPLE CONTAINERS

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12.29.10 | 11:20

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

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. 12.29.10 | 1:25  
ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 12.29.10 | 1:25

COMMENT'S: well 0028  
3.9 c u07

SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_ DATE | TIME \_\_\_\_\_

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Di Clayton REP. OF SOLID WASTE DEPT. 12.23.10 | 2:30P

LOCATION: TH-19 WACS# 821 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  G. Clayton  \_\_\_\_\_

WELL DIAMETER: <u>2.0</u> INCH:		DATE   TIME
TOTAL DEPTH OF WELL: <u>153.60</u> Ft.	PURGE STARTED:	<u>12.29.10</u>   <u>10:25A</u>
DEPTH TO WATER: <u>119.75</u> Ft.	PURGE RATE:	<u>1.00</u> GPM.
LENGTH OF WATER COL: <u>33.85</u> Ft.	DATE   TIME	
VOLUME TO PURGE: <u>5.42</u> Gal.	PURGE ENDED:	<u>12.29.10</u>   <u>10:45A</u>
	ACT. VOL. PURGED:	<u>20</u> GAL.

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB	Draw Down
JC	10:39A	23.23	319	7.39	.82	.2	= 125.00
JC	10:42A	23.24	319	7.39	.77	.2	
JC	10:45A	23.23	319	7.40	.78	.2	

SAMPLE CONTAINERS

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12.29.10 | 10:45A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

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

ABOVE LISTED SAMPLES:  
RELINQUISHED BY: \_\_\_\_\_ DATE | TIME  
ACCEPTED BY: Shantia Thomas REP. OF SOLID WASTE DEPT. 12.29.10 | 1:25  
REP. OF CONTRACT LAB. 12-29-10 | 1:25

COMMENT`S: WO # 6628

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

PRECLEANED SAMPLE CONTAINERS: \_\_\_\_\_

DATE | TIME

RELINQUISHED BY: \_\_\_\_\_ REP. OF CONTRACT LAB. \_\_\_\_\_

ACCEPTED BY: Di Clato REP. OF SOLID WASTE DEPT. 12.23.10 2:50P

LOCATION: SUP 1 SAMPLE MATRIX: WATER OTHER MATRIX: \_\_\_\_\_

PERSONAL ENGAGED IN SAMPLE COLLECTION  A. Balloon  JC

WELL DIAMETER: \_\_\_\_\_ INCH:

TOTAL DEPTH OF WELL: \_\_\_\_\_ Ft.

DEPTH TO WATER: \_\_\_\_\_ Ft.

LENGTH OF WATER COL: \_\_\_\_\_ Ft.

VOLUME TO PURGE: \_\_\_\_\_ Gal.

PURGE STARTED: \_\_\_\_\_ DATE | TIME

PURGE RATE: \_\_\_\_\_ GPM.

PURGE ENDED: \_\_\_\_\_ DATE | TIME

ACT. VOL. PURGED: 19 GAL ni

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
jc	11:43A	24.44	275	7.63	0.47	0.1 =
jc	11:46A	24.46	275	7.63	0.49	0.1
jc	11:49A	24.46	275	7.63	0.49	0.1

SAMPLE CONTAINERS

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

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED  
DATE | TIME  
12.23.10 | 11:49A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

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. 12.23.10 1:25

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 12.29.10 1:25

COMMENT'S: W0720025

## Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-38997-1

**Login Number: 38997**  
**Creator: McNulty, Carol**  
**List Number: 1**

**List Source: TestAmerica Tampa**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	1.9 degrees C CU-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

## Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-38997-1

Login Number: 39016

List Source: TestAmerica Tampa

Creator: Harrison, Amanda

List Number: 1

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 1571  
 WACS Testsite Name: TH-58 WACS# 15  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-HHFP)

Sample Date/Time: 12/28/2010 11:53:00AM  
 Sampling Method: Unknown  
 Permitted  
 Well Type: DE

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000406	Field pH	N	E84282	DEP-SOP	12/28/2010 11:53:00AM	5.66		SU	
000929	Sodium	N	E84282	6010B	1/5/2011 1:58:00PM	30	0.31	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/3/2011 2:11:00PM	420	5	mg/L	
000610	Ammonia as N	N	E84282	350.1	1/6/2011 10:33:00AM	0.75	0.01	mg/L	J
000940	Chloride	N	E84282	300	1/5/2011 7:08:00PM	130	2	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	12/28/2010 11:53:00AM	0.9		NTU	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/28/2010 11:53:00AM	0.42		mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	12/28/2010 11:53:00AM	26		Degrees C	
000094	Conductivity	N	E84282	DEP-SOP	12/28/2010 11:53:00AM	570		umhos/cm	

Total Parameters Monitored: 9

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 822  
 WACS Testsite Name: TH-40 WACS# 82  
 Water Classification: G-II  
 (i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 12/28/2010 10:09:00AM  
 Sampling Method: Unknown  
 Permitted  
 Well Type: CO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia as N	N	E84282	350.1	1/6/2011 10:37:00AM	0.42	0.01	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/3/2011 2:12:00PM	220	5	mg/L	
000094	Conductivity	N	E84282	DEP-SOP	12/28/2010 10:09:00AM	304		umhos/cm	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/28/2010 10:09:00AM	1.37		mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	12/28/2010 10:09:00AM	22.7		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	12/28/2010 10:09:00AM	7.55		SU	
000929	Sodium	N	E84282	6010B	1/5/2011 2:02:00PM	17	0.31	mg/L	
000940	Chloride	N	E84282	300	1/5/2011 1:22:00PM	8	0.2	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	12/28/2010 10:09:00AM	1.4		NTU	

Total Parameters Monitored: 9

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



Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 1570  
 WACS Testsite Name: TH-57 WACS# 15  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 12/28/2010 10:42:00AM  
 Sampling Method: Unknown  
 Permitted Well Type: DE

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DCHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	1/5/2011 1:48:00PM	44	0.2	mg/L	
000094	Conductivity	N	E84282	DEP-SOP	12/28/2010 10:42:00AM	150		umhos/cm	
000929	Sodium	N	E84282	6010B	1/5/2011 2:05:00PM	13	0.31	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/3/2011 2:12:00PM	110	5	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	12/28/2010 10:42:00AM	0.5		NTU	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/28/2010 10:42:00AM	1.45		mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	12/28/2010 10:42:00AM	26.2		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	12/28/2010 10:42:00AM	5.21		SU	
000610	Ammonia as N	N	E84282	350 1	1/6/2011 10:38:00AM	0.93	0.01	mg/L	

Total Parameters Monitored: 9

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: P-18S  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 12/28/2010 12:29:00PM  
 Sampling Method: Unknown  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000289	Dissolved Oxygen	N	E84282	DEP-SOP	12/28/2010 12:29:00PM	0.56		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	12/28/2010 12:29:00PM	75		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	12/28/2010 12:29:00PM	394.2		NTU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/3/2011 2:13:00PM	110	5	mg/L	
000940	Chloride	N	E84282	300	1/5/2011 2:15:00PM	10	0.2	mg/L	
000929	Sodium	N	E84282	6010B	1/5/2011 2:09:00PM	8	0.31	mg/L	
000406	Field pH	N	E84282	DEP-SOP	12/28/2010 12:29:00PM	4.47		SU	
000610	Ammonia as N	N	E84282	350.1	1/8/2011 10:39:00AM	0.82	0.01	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	12/28/2010 12:29:00PM	26.15		Degrees C	

Total Parameters Monitored: 9

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: TH-42  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/28/2010 1:41:00PM  
 Sampling Method: Unknown  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000929	Sodium	N	E84282	6010B	1/5/2011 2:12:00PM	15	0.31	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	12/28/2010 1:41:00PM	23.47		Degrees C	
000610	Ammonia as N	N	E84282	350.1	1/6/2011 10:40:00AM	0.24	0.01	mg/L	
000406	Field pH	N	E84282	DEP-SOP	12/28/2010 1:41:00PM	7.21		SU	
000940	Chloride	N	E84282	300	1/5/2011 2:42:00PM	17	0.2	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/3/2011 2:13:00PM	310	5	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	12/28/2010 1:41:00PM	156.1		NTU	
000094	Conductivity	N	E84282	DEP-SOP	12/28/2010 1:41:00PM	412		umhos/cm	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/28/2010 1:41:00PM	0.42		mg/L	

Total Parameters Monitored: 9

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 19862  
 WACS Testsite Name: TH-28A WACS# 19  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 12/28/2010 11:04:00AM  
 Sampling Method: Unknown  
 Permitted  
 Well Type: DE

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	1/5/2011 3:08:00PM	42	0.2	mg/L	
000610	Ammonia as N	N	E84282	350.1	1/6/2011 10:41:00AM	1.2	0.01	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/3/2011 2:14:00PM	120	5	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	12/28/2010 11:04:00AM	5		NTU	
000094	Conductivity	N	E84282	DEP-SOP	12/28/2010 11:04:00AM	171		umhos/cm	
000289	Dissolved Oxygen	N	E84282	DEP-SOP	12/28/2010 11:04:00AM	1.63		mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	12/28/2010 11:04:00AM	25.81		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	12/28/2010 11:04:00AM	5.11		SU	
000929	Sodium	N	E84282	6010B	1/5/2011 2:16:00PM	17	0.31	mg/L	

Total Parameters Monitored: 9

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

Sample Date/Time: 12/28/2010 9:50:00AM

WACS Testsite ID #: \_\_\_\_\_

Sampling Method:

WACS Testsite Name: Equipment Blank

Permitted

Water Classification:

Well Type:

(i.e.: LC - Leachate, G-II, SW-III(F))

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000929	Sodium	N	E84282	6010B	1/5/2011 2:19:00PM	0.31	0.31	mg/L	U
000610	Ammonia as N	N	E84282	350.1	1/8/2011 10:42:00AM	0.052	0.01	mg/L	U
000940	Chloride	N	E84282	300	1/5/2011 3:35:00PM	0.2	0.2	mg/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/3/2011 2:15:00PM	5	5	mg/L	U

Total Parameters Monitored: 4

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: Duplicate  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 12/28/2010 12:00:00AM  
 Sampling Method: Unknown  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	1/5/2011 4:02:00PM	44	0.2	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/3/2011 2:17:00PM	130	5	mg/L	
000929	Sodium	N	E84282	6010B	1/5/2011 2:23:00PM	17	0.31	mg/L	
000610	Ammonia as N	N	E84282	350.1	1/6/2011 10:44:00AM	1.2	0.01	mg/L	

Total Parameters Monitored: 4

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: SUP 2  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 12/29/2010 11:20:00AM  
 Sampling Method: Unknown  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000929	Sodium	N	E84282	6010B	1/5/2011 11:48:00AM	13	1.6	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/4/2011 9:20:00AM	200	5	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	12/29/2010 11:20:00AM	0.1		NTU	
000610	Ammonia as N	N	E84282	350.1	1/3/2011 2:31:00PM	0.15	0.01	mg/L	
000094	Conductivity	N	E84282	DEP-SOP	12/29/2010 11:20:00AM	293		umhos/cm	
000010	Field Temperature	N	E84282	DEP-SOP	12/29/2010 11:20:00AM	24.18		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	12/29/2010 11:20:00AM	7.59		SU	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/29/2010 11:20:00AM	0.27		mg/L	
000940	Chloride	N	E84282	300	1/5/2011 4:28:00PM	12	0.2	mg/L	

Total Parameters Monitored: 9

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

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 821  
 WACS Testsite Name: TH-19 WACS#821  
 Water Classification: G-II  
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 12/29/2010 10:45:00AM  
 Sampling Method: Unknown  
 Permitted  
 Well Type: BG

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia as N	N	E84282	350.1	1/6/2011 10:45:00AM	0.23	0.01	mg/L	
000406	Field pH	N	E84282	DEP-SOP	12/29/2010 10:45:00AM	7.4		SU	
000940	Chloride	N	E84282	300	1/5/2011 4:55:00PM	7.9	0.2	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/4/2011 9:20:00AM	230	5	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	12/29/2010 10:45:00AM	0.2		NTU	
000094	Conductivity	N	E84282	DEP-SOP	12/29/2010 10:45:00AM	319		umhos/cm	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/29/2010 10:45:00AM	0.78		mg/L	
000929	Sodium	N	E84282	601CB	1/5/2011 11:51:00AM	16	1.6	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	12/29/2010 10:45:00AM	23.23		Degrees C	

Total Parameters Monitored: 9

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



Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193  
 WACS Testsite ID #: 0  
 WACS Testsite Name: SUP 1  
 Water Classification: G-II  
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 12/29/2010 11:49:00AM  
 Sampling Method: Unknown  
 Permitted  
 Well Type: OT

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/4/2011 9:21:00AM	180	5	mg/L	
000929	Sodium	N	E84282	6010B	1/5/2011 11:55:00AM	11	1.6	mg/L	
000940	Chloride	N	E84282	300	1/5/2011 7:35:00PM	9.9	0.2	mg/L	
000094	Conductivity	N	E84282	DEP-SOP	12/29/2010 11:49:00AM	275		umhos/cm	
000010	Field Temperature	N	E84282	DEP-SOP	12/29/2010 11:49:00AM	24.46		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	12/29/2010 11:49:00AM	7.63		SU	
082079	Turbidity	N	E84282	DEP-SOP	12/29/2010 11:49:00AM	0.1		NTU	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	12/29/2010 11:49:00AM	0.49		mg/L	
000610	Ammonia as N	N	E84282	350.1	1/6/2011 10:46:00AM	0.17	0.01	mg/L	

Total Parameters Monitored: 9

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