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June 14, 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 Results
Initial Assessment Monitoring Plan
Report No. 9**

Dear Mr. Morris:

The Hillsborough County Public Utilities Department (County) is pleased to provide the analytical results from the sampling events conducted as part of the continuation of the Initial Assessment Monitoring Plan (IAMP). The IAMP was developed to address any potential impacts to groundwater from the sinkhole in Phase VI of the Southeast County Landfill (SCLF), which was discovered on December 14, 2010. This report provides the analytical results from the monthly sampling event conducted at the SCLF on May 5-6, 2011. The samples were analyzed by our contracted laboratory, Test America, Inc.

Representative samples of groundwater were collected from nine (9) on-site groundwater monitoring wells, two on-site limited use potable supply wells, and four (4) off-site private supply wells. Samples for the groundwater monitoring wells and the on-site supply wells were analyzed for total dissolved solids (TDS), chloride, total ammonia, arsenic, iron, sodium, and five field parameters. In addition, surficial aquifer groundwater monitoring well TH-73 continued to be analyzed for volatile organic constituents by EPA Method 8260 and semi-volatile organic constituents by EPA Method 8270.

Three (3) of the four (4) off-site private supply wells were sampled on a one time basis for the parameters listed in Specific Condition Part E.4.c of the County's landfill operation permit No. 35435-014-S0/01. The fourth supply well identified as Mr. Leon Keene, Jr. at 16617

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County Road 672 is located due south of the landfill and was also sampled for the permit parameters. However, this private supply well will be incorporated into the semi-annual sampling program in future events.

The following paragraphs summarize the findings from the May 5-6, 2011 sampling event, and the parameter specific results pertinent to the evaluation of potential water quality impacts from the sinkhole at the SCLF.

May 5-6, 2011 Groundwater Sampling Event

During the May 5-6, 2011 sampling event, representative samples were collected from the five (5) surficial aquifer groundwater monitoring wells, four (4) upper Floridan aquifer groundwater monitoring wells and two (2) existing on-site supply wells. The following paragraphs summarize the analytical results from this monthly IAMP sampling event.

pH

The surficial aquifer water quality monitoring wells continue to exhibit pH values below the Secondary Drinking Water Standard (SDWS) acceptable range of 6.5 to 8.5 pH units. The pH values range in value from 4.61 to 5.65 pH units. As previously discussed, the pH values within the surficial aquifer at the site have historically been below the acceptable range, and the observed values are consistent with the historical and background water quality. The pH values observed in the four (4) upper Floridan wells and two (2) on-site supply wells were all within the acceptable range during this sampling event.

Turbidity

Turbidity values are generally low in the monitoring wells that have been part of the permit required sampling program at the SCLF. The turbidity values in P-18S and TH-42 have been elevated since they were first sampled as part of the IAMP. However, the values have been steadily declining in these two wells over the period of record. The turbidity value in P-18S could not be reduced to below 20 NTU, so the sample was collected from TH-30. The turbidity value in TH-42 was 12.2 NTU.

Total Dissolved Solids (TDS)

Surficial aquifer detection groundwater monitoring well, TH-58, exhibited a TDS concentration of 580 mg/l, which exceeds the SDWS of 500 mg/l. Over the period of record the TDS values have been steady and consistently observed under the SDWS until this sampling event. The County has initiated an expanded evaluation of the water quality in TH-58, separate from the work being conducted under the IAMP. All other wells are observed with comparatively low TDS values well within the standard.

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Chloride

Surficial aquifer detection groundwater monitoring well, TH-58, also exhibited chloride at a concentration of 270 mg/l, which exceeds the SDWS of 250 mg/l. Over the period of record the chloride values have been steady and consistently observed under the SDWS until this sampling event. As previously mentioned, the County will be conducting an evaluation of the water quality in TH-58. All other wells were observed with comparatively low chloride values and within the standard.

Total Ammonia

The total ammonia values observed in the surficial wells appear to generally be in the historical range for the site from 1.1 to 2.8 mg/l. TH-58 exhibits the highest value of 2.8 mg/l which is at, but not exceeding the Groundwater Cleanup Target Level (GCTL). The upper Floridan wells range from 0.14 to 0.34 mg/l. It should be noted that TH-72 exhibited a value of 0.3 mg/l, which represents a decrease from the historical values over the past two months and a significant decrease from the March 24, 2011 observed value of 9 mg/l. As discussed, the County attributed the spike in values to the sinkhole grouting activities and the introduction of drilling fluids into the subsurface.

Arsenic

The arsenic observed in TH-58 has consistently been present in this well above the Primary Drinking Water Standard (PDWS) of 0.01 mg/l for several years. The County has maintained the position that the arsenic is naturally occurring within the soils surrounding the well and is being mobilized in the anaerobic environment below the lined landfill. However, in response to discussions with the FDEP, the County will be conducting an evaluation of the water quality in TH-58 and will advise as to the proposed assessment work that will be included in this evaluation.

Iron

Iron concentrations in four (4) surficial aquifer and one (1) Upper Floridan aquifer monitoring wells tested were observed above the SDWS of 0.3 mg/l. The concentrations of iron across the site ranged from below the detection limit (BDL) to 20 mg/l. As previously discussed, the elevated iron concentrations observed in the surficial aquifer wells at specific locations across the site are likely naturally occurring or the result of past strip mining activities.

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Off-Site Private Supply Well Sampling

On March 15, 2011, an Open House at the University of Florida IFAS facility was held to provide an opportunity for the local residents to come in and talk with the technical staff involved with the assessment and remediation of the sinkhole at the SCLF. Several residents requested that their private wells be tested, and the County agreed to sample them on a one time basis. On May 5, 2011, representative samples were collected from four (4) off-site private supply wells. The representative information for these four private supply wells is listed as follows:

Mr. Leon Keene, Jr. – 16617 County Road 672
Mr. Daniel Dixon – 14615 McGrady Road
Mr. Hardy Greenwood – 207 Carter Road
Ms. Evelyn Mainellis – 15014 Lost Lake Lane

Each of these wells were sampled and analyzed for the parameters listed in Specific Condition Part E.4.c of the County's landfill operations permit No. 35435-014-S0/01. The following paragraphs summarize the analytical results from this sampling event.

Turbidity

A turbidity value of 20.7 NTUs was observed in the private supply well owned by Mr. Daniel Dixon located at 14615 McGrady Road, which is located approximately 2.5 miles west of the landfill property, and in proximity to the extensive agricultural operation of Goodson Farms.

Metals

The Dixon supply well exhibited detectable levels of several metals; however, none of the detections exceeded their respective standards. The County believes the presence of these metals may be attributable to potential turbidity associated bias.

Iron

Iron was detected in three (3) of the four (4) private supply wells sampled. Two of these wells were observed below the SDWS of 0.3 mg/l. A fourth private supply well owned by Mr. Hardy Greenwood located at 207 Carter Road exhibited an iron concentration of 0.35 mg/l which is slightly above the SDWS of 0.3 mg/l. The remaining concentrations of iron from the other three private supply wells ranged from BDL to 0.28 mg/l. Iron in groundwater within the upper Floridan aquifer in the area of the SCLF is generally thought to be naturally occurring or a result of the past strip mining activities in the area.

Mr. John Morris, P.G.

June 14, 2011

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Conclusions

The water quality observed in the samples collected as part of the IAMP at the Southeast County Landfill remains consistent with the historical data set for the site. The water quality observations in TH-58 are not thought to be attributable to the sinkhole, and the County is currently evaluating the historical data set and water quality trends for this well.

Recommendations

The County recommends continuation of the IAMP sampling program on the approved monthly schedule, and the associated evaluation of water quality in the nine monitoring wells and two supply wells. The last sampling event occurred on June 8-9, 2011 and the County will report the laboratory findings within seven (7) days after receiving the final data package. The next monthly event shall be conducted the week of July 4, 2011.

Enclosed for your review please find a site location map depicting the on-site wells, the water quality data summary tables for each of the sampling events, groundwater elevation data tables and the associated contour flow diagrams, and the complete analytical data report from our contracted laboratory, Test America, Inc. Should you have any questions or require any additional information please feel free call me at (813) 272-5977, ext. 43944.

Respectfully submitted,

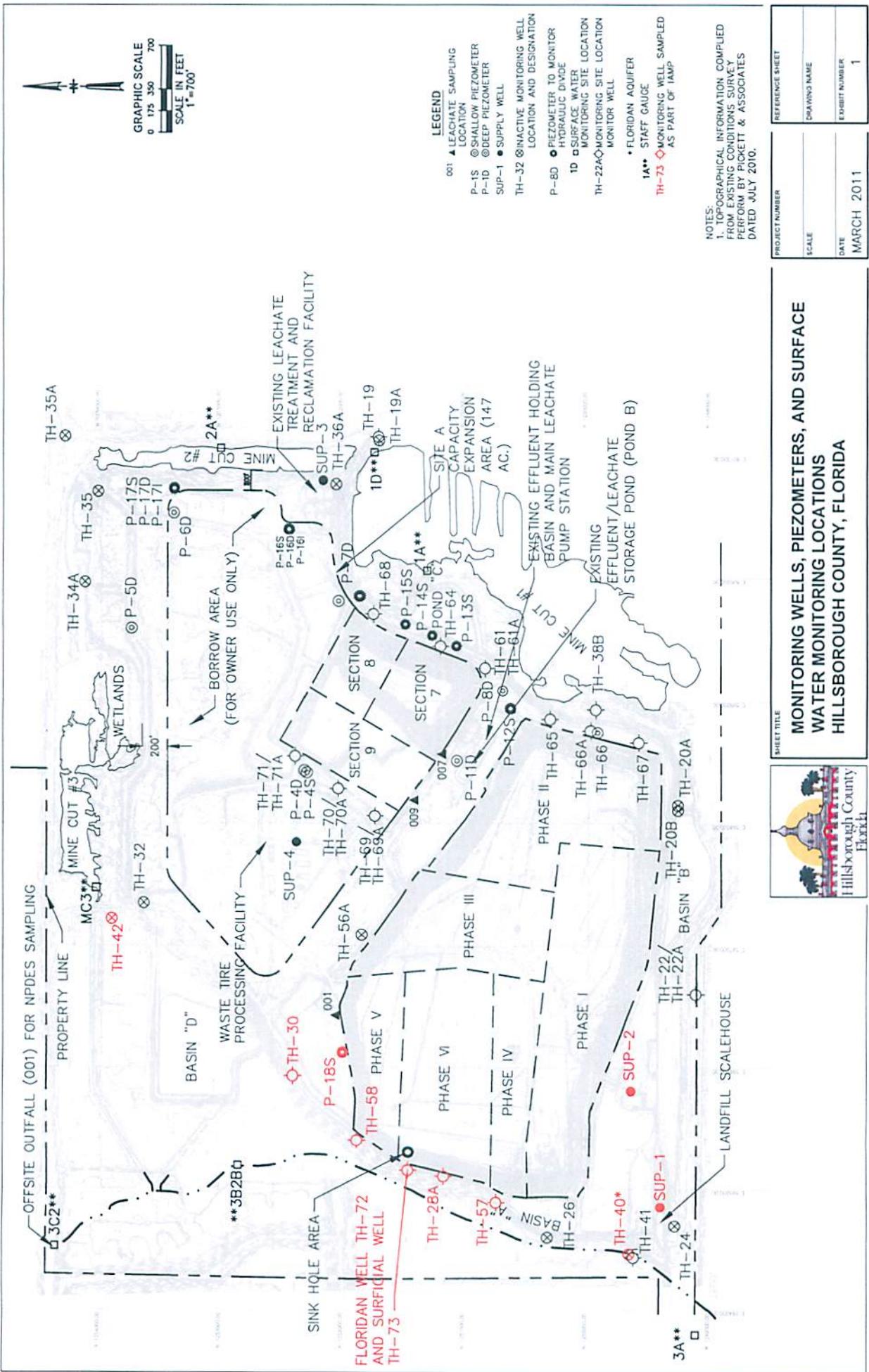


6/14/2011

David S. Adams, P.G.
Environmental Manager
Public Utilities Department



xc: Paul Vanderploog, Director, Public Utilities Department
Barry Boldissar, Public Utilities Department
Patricia V. Berry, Public Utilities Department
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Susan Pelz, FDEP Southwest District
Steve Morgan, FDEP, Southwest District
Paul Schipfer, EPC
Ernest Ely, WM
Rich Siemering, HDR
Joe O'Neill, Civil Design Services
Brian Miller, DOH



Hillsborough County Southeast Landfill
Laboratory Analytical Results from Groundwater Monitoring and On-Site Supply Wells
May 5-6, 2011

GENERAL (mg/l)												(MCL) STANDARD	
PARAMETERS	TH-19	TH-28A	TH-30	TH-40	TH-42	TH-57	TH-58	TH-72	TH-73	SUP-1	SUP-2	F.A.C. 62-550	
conductivity (umhos/cm) (field)	408	227	251	392	535	182	1005	609	361	351	361	NS	
dissolved oxygen (mg/l) (field)	0.50	0.88	0.13	0.63	0.16	0.51	0.36	0.71	0.40	0.16	0.17	NS	
pH (field)	7.58	5.15	4.61	7.42	7.18	5.09	5.65	7.67	5.34	7.86	7.80	(6.5 - 8.5)**	
temperature (°C) (field)	23.56	25.77	23.40	23.44	23.59	25.30	25.06	23.01	25.64	24.59	26.01	NS	
turbidity (NTU) (field)	0.1	7.9	3.6	0.2	12.2	0.2	0.9	6.6	12.2	0.1	0.0	NS	
total dissolved solids (mg/l)	230	94	130	220	290	88	580	320	150	210	210	500**	
chloride (mg/l)	8.2	41	64	7.6	18	34	270	33	66	9.2	10	250**	
ammonia nitrogen (mg/l as N)	0.27	1.2	1.4	0.34	0.29	1.1	2.8	0.3	2	0.14	0.17	2.8***	
Metals: (mg/l)												(MCL) STANDARD	
arsenic	BDL	BDL	BDL	BDL	BDL	BDL	0.027	BDL	BDL	BDL	BDL	0.01*	
iron	BDL	2.9	0.21	BDL	0.35	0.40	8.7	0.27	20	BDL	BDL	0.3**	
sodium	14	16	21	16	15	11	45	37	28	8.7	8.7	160*	
Note: Ref. Groundwater Guidance Concentrations, FDEP 2007													
MCL=MAXIMUM CONTAMINANT LEVEL													
BDL=BELOW DETECTION LIMIT													
ND=NO DATA COLLECTED													
NTU=NEPHELOMETRIC TURBIDITY UNITS													
i = reported value between the laboratory method detection limit and the laboratory practical quantitation limit													
*=DENOTES PRIMARY DRINKING WATER STANDARD													
**=DENOTES SECONDARY DRINKING WATER STANDARD													
***=DENOTES FLORIDA GUIDANCE CONCENTRATION													
5.15	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 Off-Site Private Supply Wells
May 5, 2011

GENERAL (mg/l) PARAMETERS					(MCL) STANDARD F.A.C. 62-550
	Greenwood	Dixon	Manellis	Keene	
conductivity (umhos/cm) (field)	369	332	311	347	NS
dissolved oxygen (mg/l) (field)	0.72	0.41	0.25	0.31	NS
pH (field)	7.65	7.87	7.77	7.91	(6.5 - 8.5)**
temperature (°C) (field)	25.92	25.00	23.67	24.82	NS
turbidity (NTU) (field)	2.9	20.7	0.2	0.3	NS
total dissolved solids (mg/l)	200	170	170	200	500**
total suspended solids (mg/l)	BDL	42	BDL	BDL	NS
chloride (mg/l)	10	11	3.6	11	250**
nitrate (mg/l)	BDL	0.1	BDL	BDL	10*
total organic carbon (mg/l)	1.6	2.3	3.1	1.8	NS
ammonia nitrogen (mg/l as N)	0.029	0.2	0.28	0.18	2.8***
<hr/>					
Metals: (mg/l)					(MCL) STANDARD F.A.C. 62-550
	Greenwood	Dixon	Manellis	Keene	
antimony	BDL	BDL	BDL	BDL	0.006*
arsenic	0.002 i	BDL	BDL	BDL	0.01*
barium	0.0068	0.0092	0.0027 i	0.005	2*
beryllium	BDL	BDL	BDL	BDL	0.004*
cadmium	BDL	0.00062	BDL	0.0001 i	0.005*
chromium	BDL	0.0064	BDL	BDL	0.1*
cobalt	BDL	BDL	BDL	BDL	140***
copper	BDL	0.045	BDL	BDL	1**
iron	0.35	0.28	0.2	BDL	0.3**
lead	0.0004 i	0.015	BDL	BDL	0.015*
mercury	BDL	BDL	BDL	BDL	0.002*
nickel	BDL	0.0027 i	BDL	BDL	0.1*
silver	BDL	BDL	BDL	BDL	0.1**
selenium	BDL	BDL	BDL	BDL	0.05*
sodium	7.5	17	6.7	7.9	160*
thallium	BDL	BDL	BDL	BDL	0.002*
vanadium	BDL	BDL	BDL	BDL	49***
zinc	0.1	1.4	0.0091 i	0.015 i	5**
<hr/>					
Note: Ref. Groundwater Guidance Concentrations, FDEP 2007					
MCL=MAXIMUM CONTAMINANT LEVEL					
BDL=BELOW DETECTION LIMIT					
ND=NO DATA COLLECTED					
NTU=NEPHELOMETRIC TURBIDITY UNITS					
i = reported value between the laboratory method detection limit and the laboratory practical quantitation limit					
*=DENOTES PRIMARY DRINKING WATER STANDARD					
**=DENOTES SECONDARY DRINKING WATER STANDARD					
***=DENOTES FLORIDA GUIDANCE CONCENTRATION					
0.35 : 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**

May 4, 2011

Measuring Point I.D.	T.O.C. Elevations (NGVD)	5/4/2011		Time
		W.L. B.T.O.C.	W.L. (NGVD)	
P-4D	140.78	22.75	118.03	11:02 AM
P-4S	140.95	Dry	Dry	11:01 AM
P-5D	151.94	Dry	Dry	10:38 AM
P-6D-A	148.01	27.82	120.19	10:26 AM
P-7D	138.92	18.36	120.56	10:02 AM
P-8D	138.34	18.67	119.67	9:41 AM
P-11D	138.02	18.14	119.88	9:44 AM
P-12S	134.97	14.87	120.10	9:39 AM
P-13S	140.21	19.15	121.06	9:49 AM
P-14S	138.56	17.42	121.14	9:52 AM
P-15S	139.19	18.52	120.67	9:55 AM
P-16S	143.38	16.00	127.38	10:15 AM
P-16I	144.15	24.74	119.41	10:16 AM
P-16D	143.84	24.46	119.38	10:17 AM
P-17S	137.35	15.50	121.85	10:32 AM
P-17I	137.32	17.50	119.82	10:31 AM
P-17D	137.22	17.59	119.63	10:30 AM
P-18S	129.86	18.96	110.90	11:13 AM
P-19	133.36	13.95	119.41	10:34 AM
P-20	132.38	13.16	119.22	10:21 AM
P-21	122.79	3.86	118.93	10:53 AM
P-22	128.35	9.35	119.00	10:51 AM
P-23	143.13	24.00	119.13	10:47 AM
TH-19*	130.27	110.09	20.18	10:10 AM
TH-20A	131.86	10.03	121.83	9:24 AM
TH-20B	132.57	10.98	121.59	9:24 AM
TH-22	128.82	5.37	123.45	9:18 AM
TH-22A	129.27	5.99	123.28	9:17 AM
TH-24A	128.23	5.76	122.47	9:12 AM
TH-26	125.65	Dry	Dry	11:57 AM
TH-28A	131.10	28.78	102.32	11:52 AM
TH-30	128.88	24.20	104.68	11:42 AM
TH-32	129.90	15.40	114.50	11:19 AM
TH-35	145.98	29.11	116.87	10:42 AM
TH-36A	152.70	33.86	118.84	10:13 AM
TH-38A	130.68	11.00	119.68	9:34 AM
TH-38B	131.81	11.90	119.91	9:33 AM
TH-40*	124.99	108.11	16.88	8:58 AM
TH-41*	125.00	110.38	14.62	9:00 AM
TH-42*	116.74	85.80	30.94	11:21 AM
TH-57	128.36	20.09	108.27	11:55 AM
TH-58	127.88	28.20	99.68	11:46 AM
TH-61	138.73	17.79	120.94	9:47 AM
TH-61A	139.45	18.41	121.04	9:46 AM
TH-64	139.64	17.77	121.87	9:50 AM
TH-65	135.40	15.22	120.18	9:37 AM
TH-66	130.58	9.69	120.89	9:30 AM
TH-66A	130.66	10.11	120.55	9:29 AM
TH-67	129.51	6.70	122.81	9:27 AM
TH-68	140.01	15.00	125.01	10:01 AM
TH-69A	144.97	26.30	118.67	11:07 AM
TH-70A	146.63	27.91	118.72	11:04 AM
TH-71A	146.95	25.31	121.64	10:57 AM
TH-72	130.96	116.21	14.75	11:49 AM
TH-73	131.07	31.70	99.37	11:50 AM
SW-3A	3.0'=125.53'	0.20	122.73	8:55 AM
SW-3B2B	3.0'=97.97'	Dry	Dry	11:38 AM
SW-3C2	6.0'=92.33'	1.20	87.53	11:33 AM
Mine Cut #1	4.0'=122.14'	1.30	119.44	9:57 AM
Mine Cut #2	6.0'=123.47'	1.58	119.05	10:07 AM
Mine Cut #3	4.0'=112.27'	1.80	110.07	11:23 AM
Mine Cut #4	5.0'=97.54'	1.38	93.92	11:27 AM

NGVD = National Geodetic Vertical Datum

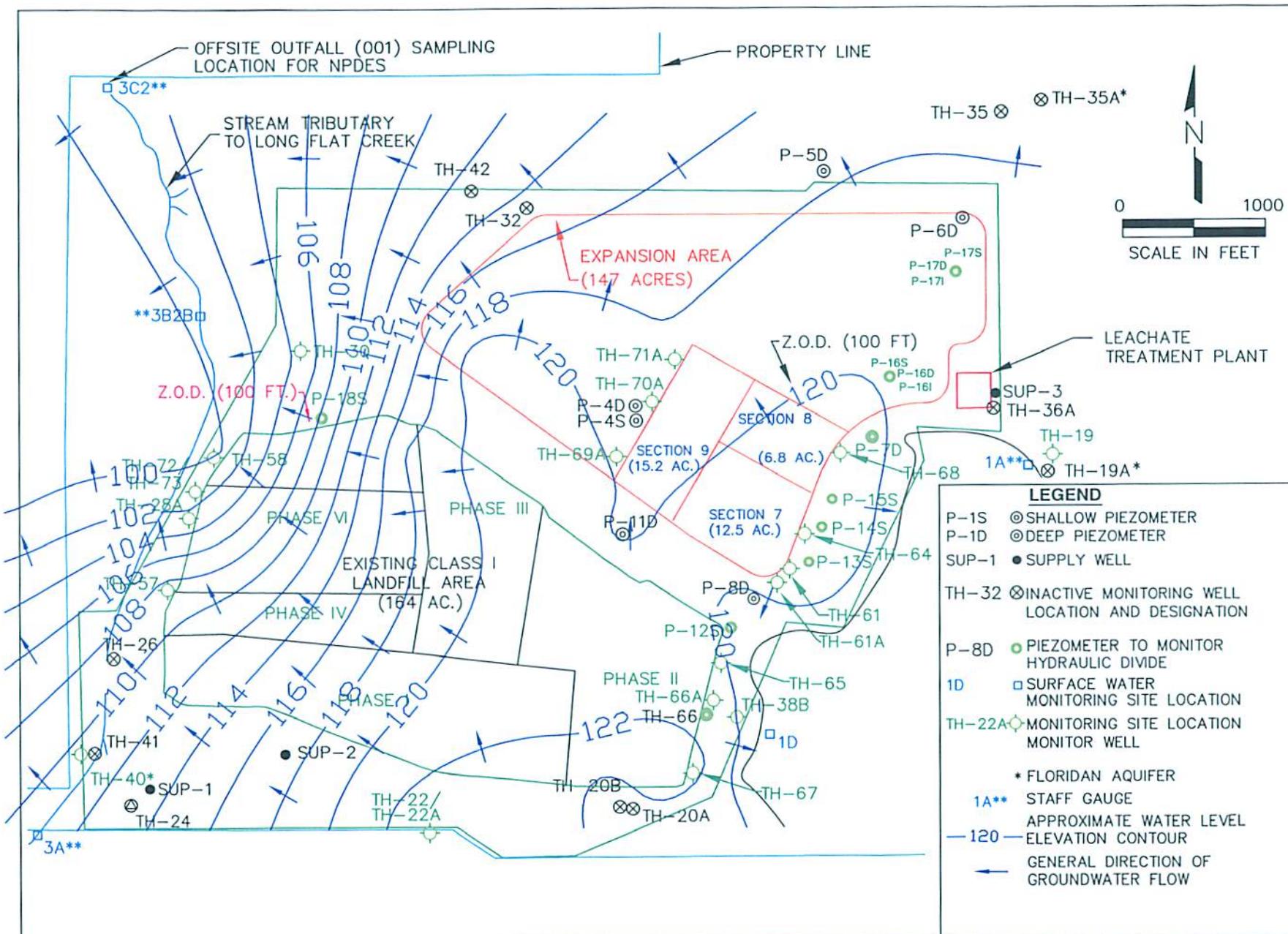
T.O.C. = Top of Casing

B.T.O.C. = Below Top of Casing

* = Floridan Well

ND = No Data

W.L. = Water Level



Southeast County Landfill
Groundwater Elevation Contour Diagram – May 4, 2011

ANALYTICAL REPORT

Job Number: 660-41140-1

Job Description: Southeast Landfill

For:

Hillsborough County Public Utilities Dep
Solid Waste Management Group
Brandon Support Operations Complex
332 North Falkenburg Rd, 2nd Floor
Tampa, FL 33619

Attention: David Adams



Approved for release.
Terry Hombsy
Operations Manager
5/24/2011 5:31 PM

Designee for
Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
05/24/2011

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Tallahassee E81005
TestAmerica Savannah E87052

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

TestAmerica Laboratories, Inc.

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



**Job Narrative
660-41140-1**

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: The matrix spike (MS) recoveries for batch 109834 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample was

No other analytical or quality issues were noted.

GC Semi VOA

Method 8011: The matrix spike (MS) recovery for batch 109889 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Metals

Method: 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 680-202827 was outside control limits for sodium and barium. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No analytical or quality issues were noted.

Field Service

No analytical or quality issues were noted.

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 110117 was outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample was flagged with a J3.

Method 300.0: The matrix spike(MS) recovery for batch 110154 was outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 110154 were outside control limits for chloride. The MSD was outside control limits for fluoride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 110203 were outside control limits for sulfate. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 300.0: The CCB batch 110258 contained sulfate and chloride above the reporting limit (RL). The associated samples contained detects for this analyte at concentrations greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 300.0: The matrix spike(MS) recovery for batch 110258 was outside control limits for sulfate. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 110149 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 110191 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 Public Utilities Dep

Job Number: 660-41140-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-41140-1	SUP 1 WACS# 27755				
Field pH	7.86			SU	Field Sampling
Field Temperature	24.59			Degrees C	Field Sampling
Oxygen, Dissolved	0.16			mg/L	Field Sampling
Specific Conductance	351			umhos/cm	Field Sampling
Turbidity	0.1			NTU	Field Sampling
Chloride	9.2	0.50		mg/L	300.0
Ammonia as N	0.14	0.020		mg/L	350.1
Total Dissolved Solids	210	5.0		mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium	8.7	0.50		mg/L	6010B
660-41140-2	SUP 2 WACS# 27756				
Field pH	7.80			SU	Field Sampling
Field Temperature	26.01			Degrees C	Field Sampling
Oxygen, Dissolved	0.17			mg/L	Field Sampling
Specific Conductance	361			umhos/cm	Field Sampling
Turbidity	0.0			NTU	Field Sampling
Chloride	10	0.50		mg/L	300.0
Ammonia as N	0.17	0.020		mg/L	350.1
Total Dissolved Solids	210	5.0		mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium	8.7	0.50		mg/L	6010B
660-41140-3	TH-19 WACS# 821				
Field pH	7.58			SU	Field Sampling
Field Temperature	23.56			Degrees C	Field Sampling
Oxygen, Dissolved	0.50			mg/L	Field Sampling
Specific Conductance	408			umhos/cm	Field Sampling
Turbidity	0.1			NTU	Field Sampling
Chloride	8.2	0.50		mg/L	300.0
Ammonia as N	0.27	0.020		mg/L	350.1
Total Dissolved Solids	230	5.0		mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium	14	0.50		mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-41140-4	GREENWOOD				
Field pH	7.65			SU	Field Sampling
Field Temperature	25.92			Degrees C	Field Sampling
Oxygen, Dissolved	0.72			mg/L	Field Sampling
Specific Conductance	369			umhos/cm	Field Sampling
Turbidity	2.9			NTU	Field Sampling
Chloride	10	J3	0.50	mg/L	300.0
Ammonia as N	0.029		0.020	mg/L	350.1
Total Dissolved Solids	200		5.0	mg/L	SM 2540C
Total Organic Carbon	1.6		1.0	mg/L	SM 5310C
<i>Total Recoverable</i>					
Arsenic	2.0	I	2.5	ug/L	6020A
Barium	6.8		5.0	ug/L	6020A
Iron	350		100	ug/L	6020A
Lead	0.40	I	1.5	ug/L	6020A
Sodium	7.5		0.50	mg/L	6020A
Zinc	100		20	ug/L	6020A
660-41140-5	KEENE JR.				
Field pH	7.91			SU	Field Sampling
Field Temperature	24.82			Degrees C	Field Sampling
Oxygen, Dissolved	0.31			mg/L	Field Sampling
Specific Conductance	347			umhos/cm	Field Sampling
Turbidity	0.3			NTU	Field Sampling
Chloride	11		0.50	mg/L	300.0
Ammonia as N	0.18		0.020	mg/L	350.1
Total Dissolved Solids	200		5.0	mg/L	SM 2540C
Total Organic Carbon	1.8		1.0	mg/L	SM 5310C
<i>Total Recoverable</i>					
Barium	5.0		5.0	ug/L	6020A
Cadmium	0.10	I	0.50	ug/L	6020A
Sodium	7.9		0.50	mg/L	6020A
Zinc	15	I	20	ug/L	6020A
660-41140-6EB	EQUIPMENT BLANK 41140				
Ammonia as N	0.067		0.020	mg/L	350.1

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Sample ID Analyte	Client Sample ID Analyte	Result / Qualifier	Reporting Limit	Units	Method
660-41140-7	MAINELLIS				
Field pH	7.77			SU	Field Sampling
Field Temperature	23.67			Degrees C	Field Sampling
Oxygen, Dissolved	0.25			mg/L	Field Sampling
Specific Conductance	311			umhos/cm	Field Sampling
Turbidity	0.2			NTU	Field Sampling
Chloride	3.6		0.50	mg/L	300.0
Ammonia as N	0.28	J3	0.020	mg/L	350.1
Total Dissolved Solids	170		5.0	mg/L	SM 2540C
Total Organic Carbon	3.1		1.0	mg/L	SM 5310C
<i>Total Recoverable</i>					
Barium	2.7	I	5.0	ug/L	6020A
Iron	200		100	ug/L	6020A
Sodium	6.7		0.50	mg/L	6020A
Zinc	9.1	I	20	ug/L	6020A
660-41140-8	DIXON				
Field pH	7.87			SU	Field Sampling
Field Temperature	25.00			Degrees C	Field Sampling
Oxygen, Dissolved	0.41			mg/L	Field Sampling
Specific Conductance	332			umhos/cm	Field Sampling
Turbidity	20.7			NTU	Field Sampling
Chloride	11		0.50	mg/L	300.0
Ammonia as N	0.20		0.020	mg/L	350.1
Total Dissolved Solids	170		5.0	mg/L	SM 2540C
Total Suspended Solids	42		1.0	mg/L	SM 2540D
Total Organic Carbon	2.3		1.0	mg/L	SM 5310C
<i>Total Recoverable</i>					
Barium	9.2		5.0	ug/L	6020A
Cadmium	0.62		0.50	ug/L	6020A
Chromium	6.4		5.0	ug/L	6020A
Copper	45		5.0	ug/L	6020A
Iron	280		100	ug/L	6020A
Lead	15		1.5	ug/L	6020A
Nickel	2.7	I	5.0	ug/L	6020A
Sodium	17		0.50	mg/L	6020A
Zinc	1400		20	ug/L	6020A

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-41156-1 TH-40 WACS# 822					
Field pH	7.42			SU	Field Sampling
Field Temperature	23.44			Degrees C	Field Sampling
Oxygen, Dissolved	0.63			mg/L	Field Sampling
Specific Conductance	392			umhos/cm	Field Sampling
Turbidity	0.2			NTU	Field Sampling
Chloride	7.6	0.50		mg/L	300.0
Ammonia as N	0.34	0.020		mg/L	350.1
Total Dissolved Solids	220	5.0		mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium	16	0.50		mg/L	6010B
660-41156-2 TH-42 WACS# 823					
Field pH	7.18			SU	Field Sampling
Field Temperature	23.59			Degrees C	Field Sampling
Oxygen, Dissolved	0.16			mg/L	Field Sampling
Specific Conductance	535			umhos/cm	Field Sampling
Turbidity	12.2			NTU	Field Sampling
Chloride	18	0.50		mg/L	300.0
Ammonia as N	0.29	0.020		mg/L	350.1
Total Dissolved Solids	290	5.0		mg/L	SM 2540C
<i>Total Recoverable</i>					
Iron	350	200		ug/L	6010B
Sodium	15	0.50		mg/L	6010B
660-41156-3FD DUPLICATE 41156					
Chloride	37	0.50		mg/L	300.0
Ammonia as N	1.0	0.020		mg/L	350.1
Total Dissolved Solids	90	5.0		mg/L	SM 2540C
<i>Total Recoverable</i>					
Iron	430	200		ug/L	6010B
Sodium	12	0.50		mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Sample ID Analyte	Client Sample ID Result / Qualifier	Reporting Limit	Units	Method
660-41156-4	TH-57 WACS# 1570			
Field pH	5.09		SU	Field Sampling
Field Temperature	25.30		Degrees C	Field Sampling
Oxygen, Dissolved	0.51		mg/L	Field Sampling
Specific Conductance	182		umhos/cm	Field Sampling
Turbidity	0.2		NTU	Field Sampling
Chloride	34	0.50	mg/L	300.0
Ammonia as N	1.1	0.020	mg/L	350.1
Total Dissolved Solids	88	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>				
Iron	400	200	ug/L	6010B
Sodium	11	0.50	mg/L	6010B
660-41156-5	TH-58 WACS# 1571			
Field pH	5.65		SU	Field Sampling
Field Temperature	25.06		Degrees C	Field Sampling
Oxygen, Dissolved	0.36		mg/L	Field Sampling
Specific Conductance	1005		umhos/cm	Field Sampling
Turbidity	0.9		NTU	Field Sampling
Chloride	270	5.0	mg/L	300.0
Ammonia as N	2.8	0.020	mg/L	350.1
Total Dissolved Solids	580	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>				
Arsenic	27	10	ug/L	6010B
Iron	8700	200	ug/L	6010B
Sodium	45	0.50	mg/L	6010B
660-41156-6	TH-73 WACS# 27754			
Field pH	5.34		SU	Field Sampling
Field Temperature	25.64		Degrees C	Field Sampling
Oxygen, Dissolved	0.40		mg/L	Field Sampling
Specific Conductance	361		umhos/cm	Field Sampling
Turbidity	12.2		NTU	Field Sampling
Chloride	66	1.0	mg/L	300.0
Ammonia as N	2.0	0.020	mg/L	350.1
Total Dissolved Solids	150	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>				
Iron	20000	200	ug/L	6010B
Sodium	28	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Sample ID Analyte	Client Sample ID Result / Qualifier	Reporting Limit	Units	Method
660-41156-7	TH-72 WACS# 27753			
Field pH	7.67		SU	Field Sampling
Field Temperature	23.01		Degrees C	Field Sampling
Oxygen, Dissolved	0.71		mg/L	Field Sampling
Specific Conductance	609		umhos/cm	Field Sampling
Turbidity	6.6		NTU	Field Sampling
Chloride	33	0.50	mg/L	300.0
Ammonia as N	0.30	0.020	mg/L	350.1
Total Dissolved Solids	320	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>				
Iron	270	200	ug/L	6010B
Sodium	37	0.50	mg/L	6010B
660-41156-8	TH-30 WACS# 1065			
Field pH	4.61		SU	Field Sampling
Field Temperature	23.40		Degrees C	Field Sampling
Oxygen, Dissolved	0.13		mg/L	Field Sampling
Specific Conductance	251		umhos/cm	Field Sampling
Turbidity	3.6		NTU	Field Sampling
Chloride	64	1.0	mg/L	300.0
Ammonia as N	1.4	0.020	mg/L	350.1
Total Dissolved Solids	130	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>				
Iron	210	200	ug/L	6010B
Sodium	21	0.50	mg/L	6010B
660-41156-9	TH-28A WACS# 19862			
Field pH	5.15		SU	Field Sampling
Field Temperature	25.77		Degrees C	Field Sampling
Oxygen, Dissolved	0.88		mg/L	Field Sampling
Specific Conductance	227		umhos/cm	Field Sampling
Turbidity	7.9		NTU	Field Sampling
Chloride	41	0.50	mg/L	300.0
Ammonia as N	1.2	0.020	mg/L	350.1
Total Dissolved Solids	94	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>				
Iron	2900	200	ug/L	6010B
Sodium	16	0.50	mg/L	6010B

METHOD SUMMARY

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Description		Lab Location	Method	Preparation Method
Matrix	Water			
VOC	Purge and Trap	TAL TAM	SW846 8260B	
		TAL TAM		SW846 5030B
EDB and DBCP in Water by Microextraction	Microextraction	TAL TAM	EPA 8011	
		TAL TAM		SW846 8011
Metals (ICP)	Preparation, Total Recoverable or Dissolved Metals	TAL TAM	SW846 6010B	
		TAL TAM		SW846 3005A
Anions, Ion Chromatography		TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia		TAL TAM	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite		TAL TAM	MCAWW 353.2	
Solids, Total Dissolved (TDS)		TAL TAM	SM SM 2540C	
Solids, Total Suspended (TSS)		TAL TAM	SM SM 2540D	
Field Sampling		TAL TAM	EPA Field Sampling	
Metals (ICP/MS)	Preparation, Total Recoverable or Dissolved Metals	TAL SAV	SW846 6020A	
		TAL SAV		SW846 3005A
Mercury	Preparation, Mercury	TAL SAV	SW846 7470A	
		TAL SAV		SW846 7470A
TOC		TAL TAL	SM SM 5310C	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

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

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

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

METHOD / ANALYST SUMMARY

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method	Analyst	Analyst ID
SW846 8260B	Campbell, Ed	EC
EPA 8011	Ballard, James	JB
SW846 6010B	Fox, Greg	GF
SW846 6020A	Boyuk, Brian	BB
SW846 6020A	Robertson, Bryn	BR
SW846 7470A	Vasquez, Juana	JV
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Steward, Tiffany	TS
MCAWW 350.1	Office, Trey	TO
MCAWW 353.2	Steward, Tiffany	TS
SM SM 2540C	Oonnoony, Thomas	TO
SM SM 2540D	Oonnoony, Thomas	TO
SM SM 5310C	Kelley, Susan R	SRK

SAMPLE SUMMARY

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-41140-1	SUP 1 WACS# 27755	Water	05/05/2011 1231	05/05/2011 1600
660-41140-2	SUP 2 WACS# 27756	Water	05/05/2011 1301	05/05/2011 1600
660-41140-3	TH-19 WACS# 821	Water	05/05/2011 1328	05/05/2011 1600
660-41140-4	Greenwood	Water	05/05/2011 1431	05/05/2011 1600
660-41140-5	Keene Jr.	Water	05/05/2011 0948	05/05/2011 1600
660-41140-6EB	Equipment Blank 41140	Water	05/05/2011 0930	05/05/2011 1600
660-41140-7	Mainellis	Water	05/05/2011 1136	05/05/2011 1600
660-41140-8	Dixon	Water	05/05/2011 1046	05/05/2011 1600
660-41140-9TB	Travel Blank 41140	Water	05/05/2011 0925	05/05/2011 1600
660-41156-1	TH-40 WACS# 822	Water	05/06/2011 1020	05/06/2011 1445
660-41156-2	TH-42 WACS# 823	Water	05/06/2011 1320	05/06/2011 1445
660-41156-3FD	Duplicate 41156	Water	05/06/2011 0000	05/06/2011 1445
660-41156-4	TH-57 WACS# 1570	Water	05/06/2011 1043	05/06/2011 1445
660-41156-5	TH-58 WACS# 1571	Water	05/06/2011 1205	05/06/2011 1445
660-41156-6	TH-73 WACS# 27754	Water	05/06/2011 1124	05/06/2011 1445
660-41156-7	TH-72 WACS# 27753	Water	05/06/2011 1146	05/06/2011 1445
660-41156-8	TH-30 WACS# 1065	Water	05/06/2011 1232	05/06/2011 1445
660-41156-9	TH-28A WACS# 19862	Water	05/06/2011 1107	05/06/2011 1445

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Job Number: 660-41140-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-41140-1

Date Sampled: 05/05/2011 1231
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	05/11/2011 1040	
Prep Method: 3005A				Date Prepared:	05/09/2011 1135	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Sodium	8.7		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	05/16/2011 2236	
Chloride	9.2		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/12/2011 1421	
Ammonia as N	0.14		mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-41140-1

Date Sampled: 05/05/2011 1231
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/05/2011 1231	
Field pH	7.86	SU			1.0
Field Temperature	24.59	Degrees C			1.0
Oxygen, Dissolved	0.16	mg/L			1.0
Specific Conductance	351	umhos/cm			1.0
Turbidity	0.1	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-41140-1

Date Sampled: 05/05/2011 1231
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	05/11/2011 0919	
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

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Job Number: 660-41140-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-41140-2

Date Sampled: 05/05/2011 1301
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	05/11/2011 1053	
Prep Method: 3005A				Date Prepared:	05/09/2011 1135	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Sodium	8.7		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	05/16/2011 2303	
Chloride	10		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/12/2011 1427	
Ammonia as N	0.17		mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-41140-2

Date Sampled: 05/05/2011 1301
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/05/2011 1301	
Field pH	7.80	SU			1.0
Field Temperature	26.01	Degrees C			1.0
Oxygen, Dissolved	0.17	mg/L			1.0
Specific Conductance	361	umhos/cm			1.0
Turbidity	0.0	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-41140-2

Date Sampled: 05/05/2011 1301
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	210	Date Analyzed: mg/L	05/11/2011 0919 5.0	5.0	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-41140-3

Date Sampled: 05/05/2011 1328
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	05/11/2011 1056	
Prep Method: 3005A			Date Prepared:	05/09/2011 1135	
Arsenic	4.0	U	ug/L	4.0	10
Iron	50	U	ug/L	50	200
Sodium	14		mg/L	0.31	0.50
Method: 300.0			Date Analyzed:	05/16/2011 2330	
Chloride	8.2		mg/L	0.20	0.50
Method: 350.1			Date Analyzed:	05/12/2011 1428	
Ammonia as N	0.27		mg/L	0.010	0.020
					1.0

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Job Number: 660-41140-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-41140-3

Date Sampled: 05/05/2011 1328
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/05/2011 1328	
Field pH	7.58	SU			1.0
Field Temperature	23.56	Degrees C			1.0
Oxygen, Dissolved	0.50	mg/L			1.0
Specific Conductance	408	umhos/cm			1.0
Turbidity	0.1	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-41140-3

Date Sampled: 05/05/2011 1328
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	230	mg/L	5.0	5.0	1.0
		Date Analyzed:	05/11/2011 0920		

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Job Number: 660-41140-1

Client Sample ID: Greenwood
 Lab Sample ID: 660-41140-4

Date Sampled: 05/05/2011 1431
 Date Received: 05/05/2011 1600
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	05/06/2011 1404	
Prep Method: 5030B			Date Prepared:	05/06/2011 1404	
Acetone	9.9	U	ug/L	9.9	20
Acrylonitrile	1.2	U	ug/L	1.2	10
Benzene	0.50	U	ug/L	0.50	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0
Bromoform	0.58	U	ug/L	0.58	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0
2-Butanone	8.4	U	ug/L	8.4	10
Carbon disulfide	1.0	U	ug/L	1.0	2.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0
Chloroform	0.90	U	ug/L	0.90	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0
2-Hexanone	4.4	U	ug/L	4.4	10
Iodomethane	2.5	U	ug/L	2.5	5.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10
Styrene	0.98	U	ug/L	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0
Toluene	0.51	U	ug/L	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0

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Job Number: 660-41140-1

Client Sample ID: Greenwood
 Lab Sample ID: 660-41140-4

Date Sampled: 05/05/2011 1431
 Date Received: 05/05/2011 1600
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichloroethene	0.50	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	ug/L	1.5	10	1.0
Vinyl chloride	0.50	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	ug/L	0.50	3.0	1.0
Surrogate					
4-Bromofluorobenzene	98	%		70 - 130	
Dibromofluoromethane	95	%		70 - 130	
Toluene-d8 (Surr)	98	%		70 - 130	
Method: 8011					
Prep Method: 8011					
1,2-Dibromo-3-Chloropropane	0.010	ug/L	0.010	0.021	1.0
Ethylene Dibromide	0.010	ug/L	0.010	0.021	1.0
Surrogate					
1,1,1,2-Tetrachloroethane	91	%		60 - 140	
Method: Total Recoverable-6020A					
Prep Method: 3005A					
Arsenic	2.0	I	ug/L	1.3	2.5
Barium	6.8	ug/L	1.3	5.0	1.0
Beryllium	0.25	ug/L	0.25	0.50	1.0
Cadmium	0.095	ug/L	0.095	0.50	1.0
Chromium	2.5	ug/L	2.5	5.0	1.0
Cobalt	0.15	ug/L	0.15	0.50	1.0
Copper	1.1	ug/L	1.1	5.0	1.0
Iron	350	ug/L	33	100	1.0
Lead	0.40	I	ug/L	0.20	1.5
Nickel	2.0	ug/L	2.0	5.0	1.0
Silver	0.25	ug/L	0.25	1.0	1.0
Sodium	7.5	mg/L	0.25	0.50	1.0
Thallium	0.50	ug/L	0.50	1.0	1.0
Vanadium	3.8	ug/L	3.8	10	1.0
Zinc	100	ug/L	8.3	20	1.0
Method: Total Recoverable-6020A					
Prep Method: 3005A					
Antimony	2.3	ug/L	2.3	5.0	1.0
Selenium	1.0	ug/L	1.0	2.5	1.0
Method: 7470A					
			Date Analyzed:	05/13/2011 2312	
			Date Prepared:	05/11/2011 1713	
			Date Analyzed:	05/11/2011 1126	

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Job Number: 660-41140-1

Client Sample ID: Greenwood
Lab Sample ID: 660-41140-4

Date Sampled: 05/05/2011 1431
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A				Date Prepared:	05/10/2011 1407	
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 300.0				Date Analyzed:	05/14/2011 0302	
Chloride	10	J3	mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/12/2011 1429	
Ammonia as N	0.029		mg/L	0.010	0.020	1.0
Method: 353.2				Date Analyzed:	05/06/2011 1410	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 5310C				Date Analyzed:	05/13/2011 2035	
Total Organic Carbon	1.6		mg/L	0.35	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Greenwood
Lab Sample ID: 660-41140-4

Date Sampled: 05/05/2011 1431
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/05/2011 1431	
Field pH	7.65	SU			1.0
Field Temperature	25.92	Degrees C			1.0
Oxygen, Dissolved	0.72	mg/L			1.0
Specific Conductance	369	umhos/cm			1.0
Turbidity	2.9	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: Greenwood
Lab Sample ID: 660-41140-4

Date Sampled: 05/05/2011 1431
Date Received: 05/05/2011 1600
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
Method: SM 2540D Total Suspended Solids	1.0	U	mg/L	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Keene Jr.
 Lab Sample ID: 660-41140-5

Date Sampled: 05/05/2011 0948
 Date Received: 05/05/2011 1600
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	05/06/2011 1427	
Prep Method: 5030B			Date Prepared:	05/06/2011 1427	
Acetone	9.9	U	ug/L	9.9	20
Acrylonitrile	1.2	U	ug/L	1.2	10
Benzene	0.50	U	ug/L	0.50	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0
Bromoform	0.58	U	ug/L	0.58	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0
2-Butanone	8.4	U	ug/L	8.4	10
Carbon disulfide	1.0	U	ug/L	1.0	2.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0
Chloroform	0.90	U	ug/L	0.90	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0
2-Hexanone	4.4	U	ug/L	4.4	10
Iodomethane	2.5	U	ug/L	2.5	5.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10
Styrene	0.98	U	ug/L	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0
Toluene	0.51	U	ug/L	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0

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Job Number: 660-41140-1

Client Sample ID: Keene Jr.
 Lab Sample ID: 660-41140-5

Date Sampled: 05/05/2011 0948
 Date Received: 05/05/2011 1600
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate				Acceptance Limits		
4-Bromofluorobenzene	98		%	70 - 130		
Dibromofluoromethane	95		%	70 - 130		
Toluene-d8 (Surr)	99		%	70 - 130		
Method: 8011				Date Analyzed:	05/10/2011 1958	
Prep Method: 8011				Date Prepared:	05/10/2011 1045	
1,2-Dibromo-3-Chloropropane	0.011	U	ug/L	0.011	0.021	1.0
Ethylene Dibromide	0.011	U	ug/L	0.011	0.021	1.0
Surrogate				Acceptance Limits		
1,1,1,2-Tetrachloroethane	108		%	60 - 140		
Method: Total Recoverable-6020A				Date Analyzed:	05/13/2011 0240	
Prep Method: 3005A				Date Prepared:	05/11/2011 1713	
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	5.0		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.10	I	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	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
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	7.9		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	15	I	ug/L	8.3	20	1.0
Method: Total Recoverable-6020A				Date Analyzed:	05/13/2011 2319	
Prep Method: 3005A				Date Prepared:	05/11/2011 1713	
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Method: 7470A				Date Analyzed:	05/11/2011 1129	

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Job Number: 660-41140-1

Client Sample ID: Keene Jr.
Lab Sample ID: 660-41140-5

Date Sampled: 05/05/2011 0948
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A				Date Prepared:	05/10/2011 1407	
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 300.0				Date Analyzed:	05/14/2011 0329	
Chloride	11		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/12/2011 1430	
Ammonia as N	0.18		mg/L	0.010	0.020	1.0
Method: 353.2				Date Analyzed:	05/06/2011 1411	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 5310C				Date Analyzed:	05/13/2011 2047	
Total Organic Carbon	1.8		mg/L	0.35	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Keene Jr.
Lab Sample ID: 660-41140-5

Date Sampled: 05/05/2011 0948
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/05/2011 0948	
Field pH	7.91	SU			1.0
Field Temperature	24.82	Degrees C			1.0
Oxygen, Dissolved	0.31	mg/L			1.0
Specific Conductance	347	umhos/cm			1.0
Turbidity	0.3	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: Keene Jr.
Lab Sample ID: 660-41140-5

Date Sampled: 05/05/2011 0948
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	200	mg/L	Date Analyzed: 05/11/2011 0921 5.0	5.0	1.0
Method: SM 2540D Total Suspended Solids	1.0	U	Date Analyzed: 05/11/2011 1103 mg/L 1.0	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Equipment Blank 41140
 Lab Sample ID: 660-41140-6

Date Sampled: 05/05/2011 0930
 Date Received: 05/05/2011 1600
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	05/06/2011 1449	
Prep Method: 5030B			Date Prepared:	05/06/2011 1449	
Acetone	9.9	U	ug/L	9.9	20
Acrylonitrile	1.2	U	ug/L	1.2	10
Benzene	0.50	U	ug/L	0.50	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0
Bromoform	0.58	U	ug/L	0.58	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0
2-Butanone	8.4	U	ug/L	8.4	10
Carbon disulfide	1.0	U	ug/L	1.0	2.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0
Chloroform	0.90	U	ug/L	0.90	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0
2-Hexanone	4.4	U	ug/L	4.4	10
Iodomethane	2.5	U	ug/L	2.5	5.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10
Styrene	0.98	U	ug/L	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0
Toluene	0.51	U	ug/L	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0

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Job Number: 660-41140-1

Client Sample ID: Equipment Blank 41140 **Date Sampled:** 05/05/2011 0930
Lab Sample ID: 660-41140-6 **Date Received:** 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichloroethene	0.50	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	ug/L	1.5	10	1.0
Vinyl chloride	0.50	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	ug/L	0.50	3.0	1.0
Surrogate					
Acceptance Limits					
4-Bromofluorobenzene	99	%		70 - 130	
Dibromofluoromethane	96	%		70 - 130	
Toluene-d8 (Surr)	99	%		70 - 130	
Method: 8011					
Date Analyzed: 05/10/2011 2018					
Date Prepared: 05/10/2011 1045					
1,2-Dibromo-3-Chloropropane	0.010	ug/L	0.010	0.021	1.0
Ethylene Dibromide	0.010	ug/L	0.010	0.021	1.0
Surrogate					
Acceptance Limits					
1,1,1,2-Tetrachloroethane	110	%		60 - 140	
Method: Total Recoverable-6020A					
Date Analyzed: 05/13/2011 0244					
Date Prepared: 05/11/2011 1713					
Arsenic	1.3	ug/L	1.3	2.5	1.0
Barium	1.3	ug/L	1.3	5.0	1.0
Beryllium	0.25	ug/L	0.25	0.50	1.0
Cadmium	0.095	ug/L	0.095	0.50	1.0
Chromium	2.5	ug/L	2.5	5.0	1.0
Cobalt	0.15	ug/L	0.15	0.50	1.0
Copper	1.1	ug/L	1.1	5.0	1.0
Iron	33	ug/L	33	100	1.0
Lead	0.20	ug/L	0.20	1.5	1.0
Nickel	2.0	ug/L	2.0	5.0	1.0
Silver	0.25	ug/L	0.25	1.0	1.0
Sodium	0.25	mg/L	0.25	0.50	1.0
Thallium	0.50	ug/L	0.50	1.0	1.0
Vanadium	3.8	ug/L	3.8	10	1.0
Zinc	8.3	ug/L	8.3	20	1.0
Method: Total Recoverable-6020A					
Date Analyzed: 05/13/2011 2326					
Date Prepared: 05/11/2011 1713					
Antimony	2.3	ug/L	2.3	5.0	1.0
Selenium	1.0	ug/L	1.0	2.5	1.0
Method: 7470A					
Date Analyzed: 05/11/2011 1132					

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Job Number: 660-41140-1

Client Sample ID: Equipment Blank 41140
Lab Sample ID: 660-41140-6

Date Sampled: 05/05/2011 0930
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A				Date Prepared:	05/10/2011 1407	
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 300.0				Date Analyzed:	05/14/2011 0355	
Chloride	0.20	U	mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/12/2011 1431	
Ammonia as N	0.067		mg/L	0.010	0.020	1.0
Method: 353.2				Date Analyzed:	05/06/2011 1411	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 5310C				Date Analyzed:	05/13/2011 2133	
Total Organic Carbon	0.35	U	mg/L	0.35	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Equipment Blank 41140 Date Sampled: 05/05/2011 0930
Lab Sample ID: 660-41140-6 Date Received: 05/05/2011 1600
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
Method: SM 2540D Total Suspended Solids	1.0	U	mg/L	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Mainellis
 Lab Sample ID: 660-41140-7

Date Sampled: 05/05/2011 1136
 Date Received: 05/05/2011 1600
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	05/06/2011 1512	
Prep Method: 5030B			Date Prepared:	05/06/2011 1512	
Acetone	9.9	ug/L	9.9	20	1.0
Acrylonitrile	1.2	ug/L	1.2	10	1.0
Benzene	0.50	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	ug/L	0.35	1.0	1.0
Bromoform	0.58	ug/L	0.58	1.0	1.0
Bromomethane	2.5	ug/L	2.5	5.0	1.0
2-Butanone	8.4	ug/L	8.4	10	1.0
Carbon disulfide	1.0	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	ug/L	0.63	1.0	1.0
Chloroethane	2.5	ug/L	2.5	5.0	1.0
Chloroform	0.90	ug/L	0.90	1.0	1.0
Chloromethane	1.0	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	ug/L	4.4	10	1.0
Iodomethane	2.5	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	ug/L	3.8	10	1.0
Styrene	0.98	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	ug/L	0.50	1.0	1.0
Toluene	0.51	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	ug/L	0.47	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Mainellis
 Lab Sample ID: 660-41140-7

Date Sampled: 05/05/2011 1136
 Date Received: 05/05/2011 1600
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10
Vinyl chloride	0.50	U	ug/L	0.50	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0
Surrogate					
4-Bromofluorobenzene	98	%		70 - 130	
Dibromofluoromethane	96	%		70 - 130	
Toluene-d8 (Surr)	99	%		70 - 130	
Method: 8011					
Date Analyzed: 05/10/2011 2039					
Prep Method: 8011					
Date Prepared: 05/10/2011 1045					
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.021
Ethylene Dibromide	0.010	U	ug/L	0.010	0.021
Surrogate					
1,1,1,2-Tetrachloroethane	101	%		60 - 140	
Method: Total Recoverable-6020A					
Date Analyzed: 05/13/2011 0248					
Prep Method: 3005A					
Date Prepared: 05/11/2011 1713					
Arsenic	1.3	U	ug/L	1.3	2.5
Barium	2.7	I	ug/L	1.3	5.0
Beryllium	0.25	U	ug/L	0.25	0.50
Cadmium	0.095	U	ug/L	0.095	0.50
Chromium	2.5	U	ug/L	2.5	5.0
Cobalt	0.15	U	ug/L	0.15	0.50
Copper	1.1	U	ug/L	1.1	5.0
Iron	200		ug/L	33	100
Lead	0.20	U	ug/L	0.20	1.5
Nickel	2.0	U	ug/L	2.0	5.0
Silver	0.25	U	ug/L	0.25	1.0
Sodium	6.7		mg/L	0.25	0.50
Thallium	0.50	U	ug/L	0.50	1.0
Vanadium	3.8	U	ug/L	3.8	10
Zinc	9.1	I	ug/L	8.3	20
Method: Total Recoverable-6020A					
Date Analyzed: 05/13/2011 2333					
Prep Method: 3005A					
Date Prepared: 05/11/2011 1713					
Antimony	2.3	U	ug/L	2.3	5.0
Selenium	1.0	U	ug/L	1.0	2.5
Method: 7470A					
Date Analyzed: 05/11/2011 1136					

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Job Number: 660-41140-1

Client Sample ID: Mainellis
Lab Sample ID: 660-41140-7

Date Sampled: 05/05/2011 1136
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A				Date Prepared:	05/10/2011 1407	
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 300.0				Date Analyzed:	05/14/2011 0422	
Chloride	3.6		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/16/2011 1641	
Ammonia as N	0.28	J3	mg/L	0.010	0.020	1.0
Method: 353.2				Date Analyzed:	05/06/2011 1412	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 5310C				Date Analyzed:	05/13/2011 2145	
Total Organic Carbon	3.1		mg/L	0.35	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Mainellis
Lab Sample ID: 660-41140-7

Date Sampled: 05/05/2011 1136
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/05/2011 1136	
Field pH	7.77	SU			1.0
Field Temperature	23.67	Degrees C			1.0
Oxygen, Dissolved	0.25	mg/L			1.0
Specific Conductance	311	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: Mainellis Date Sampled: 05/05/2011 1136
Lab Sample ID: 660-41140-7 Date Received: 05/05/2011 1600
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	05/11/2011 0922	
Total Dissolved Solids	170	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	05/11/2011 1103	
Total Suspended Solids	1.0	U	mg/L	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Dixon
Lab Sample ID: 660-41140-8

Date Sampled: 05/05/2011 1046
Date Received: 05/05/2011 1600
Client Matrix: Water

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

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Job Number: 660-41140-1

Client Sample ID: Dixon **Date Sampled:** 05/05/2011 1046
Lab Sample ID: 660-41140-8 **Date Received:** 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichloroethene	0.50	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	ug/L	1.5	10	1.0
Vinyl chloride	0.50	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	ug/L	0.50	3.0	1.0
Surrogate					
4-Bromofluorobenzene	97	%		70 - 130	
Dibromofluoromethane	97	%		70 - 130	
Toluene-d8 (Surr)	99	%		70 - 130	
Method: 8011					
Prep Method: 8011					
1,2-Dibromo-3-Chloropropane	0.010	ug/L	0.010	0.020	1.0
Ethylene Dibromide	0.010	ug/L	0.010	0.020	1.0
Surrogate					
1,1,1,2-Tetrachloroethane	100	%		60 - 140	
Method: Total Recoverable-6020A					
Prep Method: 3005A					
Arsenic	1.3	ug/L	1.3	2.5	1.0
Barium	9.2	ug/L	1.3	5.0	1.0
Beryllium	0.25	ug/L	0.25	0.50	1.0
Cadmium	0.62	ug/L	0.095	0.50	1.0
Chromium	6.4	ug/L	2.5	5.0	1.0
Cobalt	0.15	ug/L	0.15	0.50	1.0
Copper	45	ug/L	1.1	5.0	1.0
Iron	280	ug/L	33	100	1.0
Lead	15	ug/L	0.20	1.5	1.0
Nickel	2.7	ug/L	2.0	5.0	1.0
Silver	0.25	ug/L	0.25	1.0	1.0
Sodium	17	mg/L	0.25	0.50	1.0
Thallium	0.50	ug/L	0.50	1.0	1.0
Vanadium	3.8	ug/L	3.8	10	1.0
Zinc	1400	ug/L	8.3	20	1.0
Method: Total Recoverable-6020A					
Prep Method: 3005A					
Antimony	2.3	ug/L	2.3	5.0	1.0
Selenium	1.0	ug/L	1.0	2.5	1.0
Method: 7470A					
			Date Analyzed:	05/13/2011 2340	
			Date Prepared:	05/11/2011 1713	

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Job Number: 660-41140-1

Client Sample ID: Dixon
Lab Sample ID: 660-41140-8

Date Sampled: 05/05/2011 1046
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Prep Method: 7470A				Date Prepared:	05/10/2011 1520	
Mercury	0.091	U	ug/L	0.091	0.20	1.0
Method: 300.0				Date Analyzed:	05/14/2011 0449	
Chloride	11		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/16/2011 1645	
Ammonia as N	0.20		mg/L	0.010	0.020	1.0
Method: 353.2				Date Analyzed:	05/06/2011 1412	
Nitrate as N	0.10	U	mg/L	0.10	0.50	1.0
Method: SM 5310C				Date Analyzed:	05/13/2011 2156	
Total Organic Carbon	2.3		mg/L	0.35	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Dixon
Lab Sample ID: 660-41140-8

Date Sampled: 05/05/2011 1046
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/05/2011 1046	
Field pH	7.87	SU			1.0
Field Temperature	25.00	Degrees C			1.0
Oxygen, Dissolved	0.41	mg/L			1.0
Specific Conductance	332	umhos/cm			1.0
Turbidity	20.7	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: Dixon
Lab Sample ID: 660-41140-8

Date Sampled: 05/05/2011 1046
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	05/11/2011 0923	
Total Dissolved Solids	170	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	05/11/2011 1103	
Total Suspended Solids	42	mg/L	1.0	1.0	1.0

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Job Number: 660-41140-1

Client Sample ID: Travel Blank 41140
 Lab Sample ID: 660-41140-9

Date Sampled: 05/05/2011 0925
 Date Received: 05/05/2011 1600
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	05/06/2011 1556	
Prep Method: 5030B			Date Prepared:	05/06/2011 1556	
Acetone	9.9	U	ug/L	9.9	20
Acrylonitrile	1.2	U	ug/L	1.2	10
Benzene	0.50	U	ug/L	0.50	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0
Bromoform	0.58	U	ug/L	0.58	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0
2-Butanone	8.4	U	ug/L	8.4	10
Carbon disulfide	1.0	U	ug/L	1.0	2.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0
Chloroform	0.90	U	ug/L	0.90	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0
2-Hexanone	4.4	U	ug/L	4.4	10
Iodomethane	2.5	U	ug/L	2.5	5.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10
Styrene	0.98	U	ug/L	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0
Toluene	0.51	U	ug/L	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0

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Job Number: 660-41140-1

Client Sample ID: Travel Blank 41140
Lab Sample ID: 660-41140-9

Date Sampled: 05/05/2011 0925
Date Received: 05/05/2011 1600
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichloroethene	0.50	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	ug/L	1.5	10	1.0
Vinyl chloride	0.50	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	ug/L	0.50	3.0	1.0
Surrogate				Acceptance Limits	
4-Bromofluorobenzene	98	%		70 - 130	
Dibromofluoromethane	96	%		70 - 130	
Toluene-d8 (Surr)	99	%		70 - 130	

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Job Number: 660-41140-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-41156-1

Date Sampled: 05/06/2011 1020
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	05/11/2011 1251	
Prep Method: 3005A				Date Prepared:	05/10/2011 0745	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	05/17/2011 2123	
Chloride	7.6		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/17/2011 1401	
Ammonia as N	0.34		mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-41156-1

Date Sampled: 05/06/2011 1020
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/06/2011 1020	
Field pH	7.42	SU			1.0
Field Temperature	23.44	Degrees C			1.0
Oxygen, Dissolved	0.63	mg/L			1.0
Specific Conductance	392	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-41156-1

Date Sampled: 05/06/2011 1020
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	05/11/2011 0923	
Total Dissolved Solids	220	mg/L	5.0	5.0	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-41156-2

Date Sampled: 05/06/2011 1320
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	05/11/2011 1303	
Prep Method: 3008A				Date Prepared:	05/10/2011 0745	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Iron	350		ug/L	50	200	1.0
Sodium	15		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	05/17/2011 2149	
Chloride	18		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/17/2011 1402	
Ammonia as N	0.29		mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-41156-2

Date Sampled: 05/06/2011 1320
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/06/2011 1320	
Field pH	7.18	SU			1.0
Field Temperature	23.59	Degrees C			1.0
Oxygen, Dissolved	0.16	mg/L			1.0
Specific Conductance	535	umhos/cm			1.0
Turbidity	12.2	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-41156-2

Date Sampled: 05/06/2011 1320
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	290	mg/L	5.0	5.0	1.0
		Date Analyzed:	05/11/2011 1443		

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Job Number: 660-41140-1

Client Sample ID: Duplicate 41156
Lab Sample ID: 660-41156-3

Date Sampled: 05/06/2011 0000
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	05/11/2011 1307	
Prep Method: 3005A				Date Prepared:	05/10/2011 0745	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Iron	430		ug/L	50	200	1.0
Sodium	12		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	05/17/2011 2216	
Chloride	37		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/17/2011 1403	
Ammonia as N	1.0		mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: Duplicate 41156
Lab Sample ID: 660-41156-3

Date Sampled: 05/06/2011 0000
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C				Date Analyzed:	05/11/2011 1445
Total Dissolved Solids	90	mg/L	5.0	5.0	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-41156-4

Date Sampled: 05/06/2011 1043
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	05/11/2011 1310	
Prep Method: 3005A				Date Prepared:	05/10/2011 0745	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Iron	400		ug/L	50	200	1.0
Sodium	11		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	05/17/2011 2243	
Chloride	34		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/17/2011 1404	
Ammonia as N	1.1		mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-41156-4

Date Sampled: 05/06/2011 1043
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/06/2011 1043	
Field pH	5.09	SU			1.0
Field Temperature	25.30	Degrees C			1.0
Oxygen, Dissolved	0.51	mg/L			1.0
Specific Conductance	182	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-41156-4

Date Sampled: 05/06/2011 1043
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	05/11/2011 1445	
Total Dissolved Solids	88	mg/L	5.0	5.0	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-41156-5

Date Sampled: 05/06/2011 1205
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	05/11/2011 1320	
Prep Method: 3005A			Date Prepared:	05/10/2011 0745	
Arsenic	27	ug/L	4.0	10	1.0
Iron	8700	ug/L	50	200	1.0
Sodium	45	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	05/18/2011 1208	
Chloride	270	mg/L	2.0	5.0	10
Method: 350.1			Date Analyzed:	05/17/2011 1406	
Ammonia as N	2.8	mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-41156-5

Date Sampled: 05/06/2011 1205
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/06/2011 1205	
Field pH	5.65	SU			1.0
Field Temperature	25.06	Degrees C			1.0
Oxygen, Dissolved	0.36	mg/L			1.0
Specific Conductance	1005	umhos/cm			1.0
Turbidity	0.9	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-41156-5

Date Sampled: 05/06/2011 1205
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	05/11/2011 1446	
Total Dissolved Solids	580	mg/L	5.0	5.0	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-41156-6

Date Sampled: 05/06/2011 1124
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	05/11/2011 1323	
Prep Method: 3005A				Date Prepared:	05/10/2011 0745	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Iron	20000		ug/L	50	200	1.0
Sodium	28		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	05/18/2011 1235	
Chloride	66		mg/L	0.40	1.0	2.0
Method: 350.1				Date Analyzed:	05/17/2011 1407	
Ammonia as N	2.0		mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-41156-6

Date Sampled: 05/06/2011 1124
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/06/2011 1124	
Field pH	5.34	SU			1.0
Field Temperature	25.64	Degrees C			1.0
Oxygen, Dissolved	0.40	mg/L			1.0
Specific Conductance	361	umhos/cm			1.0
Turbidity	12.2	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-41156-6

Date Sampled: 05/06/2011 1124
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	05/11/2011 1446	
Total Dissolved Solids	150	mg/L	5.0	5.0	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-41156-7

Date Sampled: 05/06/2011 1146
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	05/11/2011 1327	
Prep Method: 3005A				Date Prepared:	05/10/2011 0745	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Iron	270		ug/L	50	200	1.0
Sodium	37		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	05/18/2011 0003	
Chloride	33		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/17/2011 1419	
Ammonia as N	0.30		mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-41156-7

Date Sampled: 05/06/2011 1146
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/06/2011 1146	
Field pH	7.67	SU			1.0
Field Temperature	23.01	Degrees C			1.0
Oxygen, Dissolved	0.71	mg/L			1.0
Specific Conductance	609	umhos/cm			1.0
Turbidity	6.6	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-41156-7

Date Sampled: 05/06/2011 1146
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	05/11/2011 1449	
Total Dissolved Solids	320	mg/L	5.0	5.0	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-41156-8

Date Sampled: 05/06/2011 1232
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	05/11/2011 1330	
Prep Method: 3005A				Date Prepared:	05/10/2011 0745	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Iron	210		ug/L	50	200	1.0
Sodium	21		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	05/18/2011 1302	
Chloride	64		mg/L	0.40	1.0	2.0
Method: 350.1				Date Analyzed:	05/17/2011 1408	
Ammonia as N	1.4		mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-41156-8

Date Sampled: 05/06/2011 1232
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/06/2011 1232	
Field pH	4.61	SU			1.0
Field Temperature	23.40	Degrees C			1.0
Oxygen, Dissolved	0.13	mg/L			1.0
Specific Conductance	251	umhos/cm			1.0
Turbidity	3.6	NTU			1.0

Job Number: 660-41140-1

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Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-41156-8

Date Sampled: 05/06/2011 1232
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	130	mg/L	5.0	5.0	1.0
		Date Analyzed:	05/11/2011 1451		

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Job Number: 660-41140-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-41156-9

Date Sampled: 05/06/2011 1107
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	05/11/2011 1333	
Prep Method: 3005A				Date Prepared:	05/10/2011 0745	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Iron	2900		ug/L	50	200	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	05/18/2011 0056	
Chloride	41		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	05/17/2011 1409	
Ammonia as N	1.2		mg/L	0.010	0.020	1.0

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Job Number: 660-41140-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-41156-9

Date Sampled: 05/06/2011 1107
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	05/06/2011 1107	
Field pH	5.15	SU			1.0
Field Temperature	25.77	Degrees C			1.0
Oxygen, Dissolved	0.88	mg/L			1.0
Specific Conductance	227	umhos/cm			1.0
Turbidity	7.9	NTU			1.0

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Job Number: 660-41140-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-41156-9

Date Sampled: 05/06/2011 1107
Date Received: 05/06/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	05/11/2011 1451	
Total Dissolved Solids	94	mg/L	5.0	5.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Section	Qualifier	Description
GC/MS VOA	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
GC Semi VOA	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	D1	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis
Metals	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-109834**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	MB 660-109834/4	Analysis Batch:	660-109834	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GE0607.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/06/2011 0934	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/06/2011 0934				
Leach Date:	N/A				

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
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Methylene Chloride	4.0	U	4.0	5.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.50	U	0.50	3.0

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-109834

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 660-109834/4	Analysis Batch:	660-109834	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GE0607.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/06/2011 0934	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/06/2011 0934				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Surrogate		% Rec		
4-Bromofluorobenzene	97		70 - 130	
Dibromofluoromethane	99		70 - 130	
Toluene-d8 (Surr)	98		70 - 130	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Control Sample - Batch: 660-109834**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	LCS 660-109834/3	Analysis Batch:	660-109834	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GE0604.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/06/2011 0811	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/06/2011 0811				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	47.2	118	62 - 142	
Acrylonitrile	40.0	39.8	100	59 - 146	
Benzene	20.0	20.6	103	68 - 134	
Bromochloromethane	20.0	21.5	107	70 - 130	
Bromodichloromethane	20.0	20.5	103	70 - 130	
Bromoform	20.0	16.2	81	65 - 130	
Bromomethane	20.0	16.2	81	22 - 150	
2-Butanone	40.0	37.4	93	63 - 140	
Carbon disulfide	40.0	41.7	104	30 - 150	
Carbon tetrachloride	20.0	20.2	101	61 - 134	
Chlorobenzene	20.0	20.0	100	70 - 130	
Chloroethane	20.0	17.1	85	39 - 150	
Chloroform	20.0	20.4	102	68 - 130	
Chloromethane	20.0	16.6	83	35 - 150	
cis-1,2-Dichloroethene	20.0	18.8	94	66 - 130	
cis-1,3-Dichloropropene	20.0	19.6	98	70 - 130	
Dibromochloromethane	20.0	20.7	103	70 - 130	
Dibromomethane	20.0	21.1	105	70 - 130	
1,2-Dichlorobenzene	20.0	19.9	99	70 - 130	
1,4-Dichlorobenzene	20.0	19.7	99	70 - 130	
1,1-Dichloroethane	20.0	19.7	98	66 - 130	
1,2-Dichloroethane	20.0	18.2	91	70 - 130	
1,1-Dichloroethene	20.0	20.1	101	51 - 150	
1,2-Dichloropropane	20.0	21.2	106	70 - 130	
Ethylbenzene	20.0	20.0	100	70 - 130	
2-Hexanone	40.0	35.7	89	60 - 148	
Iodomethane	40.0	40.1	100	70 - 130	
Methylene Chloride	20.0	20.1	100	57 - 130	
4-Methyl-2-pentanone	40.0	36.9	92	64 - 137	
Styrene	20.0	18.2	91	68 - 131	
1,1,1,2-Tetrachloroethane	20.0	19.9	99	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	18.9	95	70 - 130	
Tetrachloroethene	20.0	21.7	109	50 - 143	
Toluene	20.0	20.7	104	70 - 131	
trans-1,4-Dichloro-2-butene	40.0	33.1	83	70 - 130	
trans-1,2-Dichloroethene	20.0	20.3	102	62 - 139	
trans-1,3-Dichloropropene	20.0	18.9	94	67 - 130	
1,1,1-Trichloroethane	20.0	19.6	98	63 - 132	
1,1,2-Trichloroethane	20.0	20.6	103	70 - 130	
Trichloroethene	20.0	21.0	105	63 - 139	
Trichlorofluoromethane	20.0	20.4	102	62 - 146	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Control Sample - Batch: 660-109834**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	LCS 660-109834/3	Analysis Batch:	660-109834	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GE0604.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/06/2011 0811	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/06/2011 0811				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	20.0	20.3	102	66 - 130	
Vinyl acetate	20.0	20.0	100	31 - 146	
Vinyl chloride	20.0	17.0	85	48 - 147	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Matrix Spike - Batch: 660-109834

Method: 8260B

Preparation: 5030B

Lab Sample ID:	660-41126-B-4 MS	Analysis Batch:	660-109834	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GE0610.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/06/2011 1105	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/06/2011 1105				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	40.0	36.8	92	62 - 142
Acrylonitrile	1.2	U	40.0	37.7	94	59 - 146
Benzene	0.50	U	20.0	18.9	94	68 - 134
Bromochloromethane	0.58	U	20.0	20.1	101	70 - 130
Bromodichloromethane	0.35	U	20.0	19.4	97	70 - 130
Bromoform	0.58	U	20.0	16.2	81	65 - 130
Bromomethane	2.5	U	20.0	12.7	64	22 - 150
2-Butanone	8.4	U	40.0	43.8	110	63 - 140
Carbon disulfide	1.0	U	40.0	30.5	76	30 - 150
Carbon tetrachloride	0.42	U	20.0	16.1	81	61 - 134
Chlorobenzene	0.63	U	20.0	19.0	95	70 - 130
Chloroethane	2.5	U	20.0	16.7	83	39 - 150
Chloroform	0.90	U	20.0	18.7	94	68 - 130
Chloromethane	1.0	U	20.0	13.5	67	35 - 150
cis-1,2-Dichloroethene	0.65	U	20.0	16.9	85	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	18.9	95	70 - 130
Dibromochloromethane	0.34	U	20.0	19.3	96	70 - 130
Dibromomethane	0.41	U	20.0	20.8	104	70 - 130
1,2-Dichlorobenzene	0.44	U	20.0	19.0	95	70 - 130
1,4-Dichlorobenzene	0.52	U	20.0	18.6	93	70 - 130
1,1-Dichloroethane	0.52	U	20.0	16.6	83	66 - 130
1,2-Dichloroethane	0.57	U	20.0	17.3	86	70 - 130
1,1-Dichloroethene	0.45	U	20.0	15.2	76	51 - 150
1,2-Dichloropropane	0.52	U	20.0	19.6	98	70 - 130
Ethylbenzene	0.44	U	20.0	18.1	90	70 - 130
2-Hexanone	4.4	U	40.0	41.7	104	60 - 148
Iodomethane	2.5	U	40.0	21.2	53	70 - 130
Methylene Chloride	4.0	U	20.0	16.8	84	57 - 130
4-Methyl-2-pentanone	3.8	U	40.0	42.6	106	64 - 137
Styrene	0.98	U	20.0	17.3	86	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	20.0	18.3	91	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	20.0	20.1	101	70 - 130
Tetrachloroethene	0.50	U	20.0	19.1	96	50 - 143
Toluene	0.51	U	20.0	19.2	96	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	40.0	35.0	88	70 - 130
trans-1,2-Dichloroethene	0.44	U	20.0	16.0	80	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	18.3	91	67 - 130
1,1,1-Trichloroethane	0.46	U	20.0	16.6	83	63 - 132
1,1,2-Trichloroethane	0.47	U	20.0	21.3	106	70 - 130
Trichloroethene	0.50	U	20.0	18.7	94	63 - 139
Trichlorofluoromethane	2.5	U	20.0	15.1	75	62 - 146

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Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Matrix Spike - Batch: 660-109834**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	660-41126-B-4 MS	Analysis Batch:	660-109834	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GE0610.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/06/2011 1105	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/06/2011 1105				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
1,2,3-Trichloropropane	0.18 U	20.0	21.2	106	66 - 130	
Vinyl acetate	1.5 U	20.0	19.2	96	31 - 146	
Vinyl chloride	0.50 U	20.0	13.6	68	48 - 147	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Duplicate - Batch: 660-109834

Method: 8260B

Preparation: 5030B

Lab Sample ID:	660-41126-C-4 DU	Analysis Batch:	660-109834	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GE0611.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/06/2011 1128	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/06/2011 1128				
Leach Date:	N/A				

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

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Duplicate - Batch: 660-109834**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	660-41126-C-4 DU	Analysis Batch:	660-109834	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GE0611.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/06/2011 1128	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/06/2011 1128				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual	
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U
Surrogate	% Rec			Acceptance Limits		
4-Bromofluorobenzene	98			70 - 130		
Dibromo fluromethane	96			70 - 130		
Toluene-d8 (Surr)	99			70 - 130		

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Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-109889**Method: 8011****Preparation: 8011**

Lab Sample ID:	MB 660-109889/1-A	Analysis Batch:	660-109963	Instrument ID:	BSGU
Client Matrix:	Water	Prep Batch:	660-109889	Lab File ID:	1E10U016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	34.8 mL
Analysis Date:	05/10/2011 1547	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	05/10/2011 1045			Injection Volume:	4 uL
Leach Date:	N/A			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	100	60 - 140

Lab Control Sample - Batch: 660-109889**Method: 8011****Preparation: 8011**

Lab Sample ID:	LCS 660-109889/2-A	Analysis Batch:	660-109963	Instrument ID:	BSGU
Client Matrix:	Water	Prep Batch:	660-109889	Lab File ID:	1E10U019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	35 mL
Analysis Date:	05/10/2011 1654	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	05/10/2011 1045			Injection Volume:	4 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.250	0.219	88	70 - 130	
Ethylene Dibromide	0.250	0.234	94	70 - 130	

Matrix Spike - Batch: 660-109889**Method: 8011****Preparation: 8011**

Lab Sample ID:	660-41000-G-1-B MS	Analysis Batch:	660-109963	Instrument ID:	BSGU
Client Matrix:	Water	Prep Batch:	660-109889	Lab File ID:	1E10U021.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	34 mL
Analysis Date:	05/10/2011 1735	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	05/10/2011 1045			Injection Volume:	4 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.060 U	0.257	0.279	108	70 - 130	
Ethylene Dibromide	2.1	0.257	2.00	-48	70 - 130	J3

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Duplicate - Batch: 660-109889

Method: 8011

Preparation: 8011

Lab Sample ID:	660-41062-B-2-A DU	Analysis Batch:	660-109963	Instrument ID:	BSGU
Client Matrix:	Water	Prep Batch:	660-109889	Lab File ID:	1E10U023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	36.2 mL
Analysis Date:	05/10/2011 1815	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	05/10/2011 1045			Injection Volume:	4 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
1,2-Dibromo-3-Chloropropane	0.010	U	0.0097	NC	40	U
Ethylene Dibromide	0.010	U	0.0097	NC	40	U
Surrogate	% Rec		Acceptance Limits			
1,1,1,2-Tetrachloroethane	80		60 - 140			

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-109842**Method: 6010B****Preparation: 3005A****Total Recoverable**

Lab Sample ID:	MB 660-109842/1-A	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109842	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1030	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	05/09/2011 1135				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-109842**Method: 6010B****Preparation: 3005A****Total Recoverable**

Lab Sample ID:	MB 660-109842/1-A	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109842	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1030	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	05/09/2011 1135				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Arsenic	4.0	U	4.0	10
Iron	50	U	50	200

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Control Sample - Batch: 660-109842**Method: 6010B****Preparation: 3005A****Total Recoverable**

Lab Sample ID:	LCS 660-109842/2-A	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109842	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1033	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	05/09/2011 1135				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	9.89	99	75 - 125	

Lab Control Sample - Batch: 660-109842**Method: 6010B****Preparation: 3005A****Total Recoverable**

Lab Sample ID:	LCS 660-109842/2-A	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109842	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1033	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	05/09/2011 1135				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	1000	962	96	75 - 125	
Iron	1000	1020	102	75 - 125	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-109842****Method: 6010B****Preparation: 3005A****Total Recoverable**

MS Lab Sample ID:	660-41140-1	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109842	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1043			Final Weight/Volume:	50 mL
Prep Date:	05/09/2011 1135				
Leach Date:	N/A				

MSD Lab Sample ID:	660-41140-1	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109842	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1046			Final Weight/Volume:	50 mL
Prep Date:	05/09/2011 1135				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	104	103	75 - 125	0	20		

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-109842****Method: 6010B****Preparation: 3005A****Total Recoverable**

MS Lab Sample ID:	660-41140-1	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109842	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1043			Final Weight/Volume:	50 mL
Prep Date:	05/09/2011 1135				
Leach Date:	N/A				

MSD Lab Sample ID:	660-41140-1	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109842	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1046			Final Weight/Volume:	50 mL
Prep Date:	05/09/2011 1135				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	98	99	75 - 125	0	20		
Iron	104	104	75 - 125	0	20		

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-109876**Method: 6010B****Preparation: 3005A****Total Recoverable**

Lab Sample ID:	MB 660-109876/1-A	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109876	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1241	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 0745				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-109876**Method: 6010B****Preparation: 3005A****Total Recoverable**

Lab Sample ID:	MB 660-109876/1-A	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109876	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1241	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 0745				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Arsenic	4.0	U	4.0	10
Iron	50	U	50	200

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Control Sample - Batch: 660-109876

Lab Sample ID:	LCS 660-109876/2-A	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109876	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1244	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 0745				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	10.0	100	75 - 125	

Lab Control Sample - Batch: 660-109876

Lab Sample ID:	LCS 660-109876/2-A	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109876	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1244	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 0745				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	1000	968	97	75 - 125	
Iron	1000	1010	101	75 - 125	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-109876****Method: 6010B****Preparation: 3005A****Total Recoverable**

MS Lab Sample ID:	660-41156-1	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109876	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1254			Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 0745				
Leach Date:	N/A				

MSD Lab Sample ID:	660-41156-1	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109876	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1257			Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 0745				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	100	98	75 - 125	1	20		

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-109876****Method: 6010B****Preparation: 3005A****Total Recoverable**

MS Lab Sample ID:	660-41156-1	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109876	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1254			Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 0745				
Leach Date:	N/A				

MSD Lab Sample ID:	660-41156-1	Analysis Batch:	660-109951	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-109876	Lab File ID:	11E11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1257			Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 0745				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	98	98	75 - 125	0	20		
Iron	104	104	75 - 125	0	20		

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 680-202624

Lab Sample ID:	MB 680-202624/1-A	Analysis Batch:	680-202827	Instrument ID:	ICPMSC
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	194SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 0143	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Sodium	0.050	U	0.050	0.10

Method Blank - Batch: 680-202624

Lab Sample ID:	MB 680-202624/1-A	Analysis Batch:	680-202827	Instrument ID:	ICPMSC
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	194SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 0143	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Arsenic	0.26	U	0.26	0.50
Barium	0.26	U	0.26	1.0
Beryllium	0.050	U	0.050	0.10
Cadmium	0.019	U	0.019	0.10
Chromium	0.50	U	0.50	1.0
Cobalt	0.030	U	0.030	0.10
Copper	0.22	U	0.22	1.0
Iron	6.6	U	6.6	20
Lead	0.040	U	0.040	0.30
Nickel	0.40	U	0.40	1.0
Silver	0.050	U	0.050	0.20
Thallium	0.10	U	0.10	0.20
Vanadium	0.76	U	0.76	2.0
Zinc	1.7	U	1.7	4.0

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 680-202624**Method: 6020A****Preparation: 3005A****Total Recoverable**

Lab Sample ID:	MB 680-202624/1-A	Analysis Batch:	680-202969	Instrument ID:	ICPMSA
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	065SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 2135	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Antimony	0.46	U	0.46	1.0
Selenium	0.20	U	0.20	0.50

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Control Sample - Batch: 680-202624**Method: 6020A
Preparation: 3005A
Total Recoverable**

Lab Sample ID:	LCS 680-202624/2-A	Analysis Batch:	680-202827	Instrument ID:	ICPMSC
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	195SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 0147	Units:	mg/L	Final Weight/Volume:	250 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	5.00	5.23	105	75 - 125	

Lab Control Sample - Batch: 680-202624**Method: 6020A
Preparation: 3005A
Total Recoverable**

Lab Sample ID:	LCS 680-202624/2-A	Analysis Batch:	680-202827	Instrument ID:	ICPMSC
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	195SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 0147	Units:	ug/L	Final Weight/Volume:	250 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	100	113	113	75 - 125	
Barium	100	111	111	75 - 125	
Beryllium	50.0	57.5	115	75 - 125	
Cadmium	50.0	56.2	112	75 - 125	
Chromium	100	107	107	75 - 125	
Cobalt	50.0	54.2	108	75 - 125	
Copper	100	109	109	75 - 125	
Iron	5000	5440	109	75 - 125	
Lead	50.0	55.1	110	75 - 125	
Nickel	100	114	114	75 - 125	
Silver	50.0	55.8	112	75 - 125	
Thallium	40.0	44.1	110	75 - 125	
Vanadium	100	103	103	75 - 125	
Zinc	100	114	114	75 - 125	

Lab Control Sample - Batch: 680-202624**Method: 6020A
Preparation: 3005A
Total Recoverable**

Lab Sample ID:	LCS 680-202624/2-A	Analysis Batch:	680-202969	Instrument ID:	ICPMSA
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	066SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 2142	Units:	ug/L	Final Weight/Volume:	250 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
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Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Lab Control Sample - Batch: 680-202624**Method: 6020A
Preparation: 3005A
Total Recoverable**

Lab Sample ID:	LCS 680-202624/2-A	Analysis Batch:	680-202969	Instrument ID:	ICPMSA
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	066SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 2142	Units:	ug/L	Final Weight/Volume:	250 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	52.2	104	75 - 125	
Selenium	100	101	101	75 - 125	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 680-202624****Method: 6020A****Preparation: 3005A****Total Recoverable**

MS Lab Sample ID:	680-68196-J-1-B MS	Analysis Batch:	680-202827	Instrument ID:	ICPMSC
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	199SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 0202			Final Weight/Volume:	250 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				
MSD Lab Sample ID:	680-68196-J-1-C MSD	Analysis Batch:	680-202827	Instrument ID:	ICPMSC
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	200SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 0206			Final Weight/Volume:	250 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	64	61	75 - 125	2	20	J3	J3

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 680-202624****Method: 6020A****Preparation: 3005A****Total Recoverable**

MS Lab Sample ID:	680-68196-J-1-B MS	Analysis Batch:	680-202827	Instrument ID:	ICPMSC
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	199SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 0202			Final Weight/Volume:	250 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

MSD Lab Sample ID:	680-68196-J-1-C MSD	Analysis Batch:	680-202827	Instrument ID:	ICPMSC
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	200SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 0206			Final Weight/Volume:	250 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	100	101	75 - 125	1	20		
Barium	47	50	75 - 125	1	20	J3	J3
Beryllium	102	104	75 - 125	2	20		
Cadmium	102	103	75 - 125	1	20		
Chromium	98	97	75 - 125	2	20		
Cobalt	97	94	75 - 125	3	20		
Copper	101	97	75 - 125	4	20		
Iron	86	88	75 - 125	1	20		
Lead	101	101	75 - 125	0	20		
Nickel	102	97	75 - 125	5	20		
Silver	105	102	75 - 125	3	20		
Thallium	101	99	75 - 125	2	20		
Vanadium	100	95	75 - 125	5	20		
Zinc	97	98	75 - 125	1	20		

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 680-202624****Method: 6020A****Preparation: 3005A****Total Recoverable**

MS Lab Sample ID:	680-68196-J-1-B MS	Analysis Batch:	680-202969	Instrument ID:	ICPMSA
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	070SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 2209			Final Weight/Volume:	250 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				
MSD Lab Sample ID:	680-68196-J-1-C MSD	Analysis Batch:	680-202969	Instrument ID:	ICPMSA
Client Matrix:	Water	Prep Batch:	680-202624	Lab File ID:	071SMPL.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/13/2011 2216			Final Weight/Volume:	250 mL
Prep Date:	05/11/2011 1713				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Antimony	104	106	75 - 125	2	20		
Selenium	100	104	75 - 125	4	20		

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 680-202429**Method: 7470A****Preparation: 7470A**

Lab Sample ID:	MB 680-202429/10-A	Analysis Batch:	680-202695	Instrument ID:	LEEMAN1
Client Matrix:	Water	Prep Batch:	680-202429	Lab File ID:	051111A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1109	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 1407				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Mercury	0.091	U	0.091	0.20

Lab Control Sample - Batch: 680-202429**Method: 7470A****Preparation: 7470A**

Lab Sample ID:	LCS 680-202429/11-A	Analysis Batch:	680-202695	Instrument ID:	LEEMAN1
Client Matrix:	Water	Prep Batch:	680-202429	Lab File ID:	051111A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1113	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 1407				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.43	97	80 - 120	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-202429****Method: 7470A****Preparation: 7470A**

MS Lab Sample ID:	640-33453-E-1-E MS	Analysis Batch:	680-202695	Instrument ID:	LEEMAN1
Client Matrix:	Water	Prep Batch:	680-202429	Lab File ID:	051111A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1153			Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 1407				
Leach Date:	N/A				

MSD Lab Sample ID:	640-33453-E-1-F MSD	Analysis Batch:	680-202695	Instrument ID:	LEEMAN1
Client Matrix:	Water	Prep Batch:	680-202429	Lab File ID:	051111A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1156			Final Weight/Volume:	50 mL
Prep Date:	05/10/2011 1407				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	94	104	80 - 120	11	20		

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-110117**Method: 300.0****Preparation: N/A**

Lab Sample ID:	MB 660-110117/3	Analysis Batch:	660-110117	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	44.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	05/14/2011 0049	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-110117**Method: 300.0****Preparation: N/A**

Lab Sample ID:	LCS 660-110117/4	Analysis Batch:	660-110117	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	45.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	05/14/2011 0115	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.69	97	90 - 110	

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-110117****Method: 300.0****Preparation: N/A**

MS Lab Sample ID:	660-41140-4	Analysis Batch:	660-110117	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	56.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/14/2011 0609			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	660-41140-4	Analysis Batch:	660-110117	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	57.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/14/2011 0635			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	118	119	90 - 110	0	30	J3	J3

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-110154**Method: 300.0****Preparation: N/A**

Lab Sample ID:	MB 660-110154/3	Analysis Batch:	660-110154	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	10.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	05/16/2011 1404	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-110154**Method: 300.0****Preparation: N/A**

Lab Sample ID:	LCS 660-110154/4	Analysis Batch:	660-110154	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	11.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	05/16/2011 1431	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.20	92	90 - 110	

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-110154****Method: 300.0****Preparation: N/A**

MS Lab Sample ID:	660-41101-E-1 MS ^2	Analysis Batch:	660-110154	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	22.0000.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/16/2011 2050			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	660-41101-E-1 MSD ^2	Analysis Batch:	660-110154	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	23.0000.d
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/16/2011 2116			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	105	85	90 - 110	4	30		J3

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-110203**Method: 300.0****Preparation: N/A**

Lab Sample ID:	MB 660-110203/3	Analysis Batch:	660-110203	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	70.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	05/17/2011 2003	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-110203**Method: 300.0****Preparation: N/A**

Lab Sample ID:	LCS 660-110203/4	Analysis Batch:	660-110203	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	71.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	05/17/2011 2029	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.58	96	90 - 110	

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-110203****Method: 300.0****Preparation: N/A**

MS Lab Sample ID:	660-41156-1	Analysis Batch:	660-110203	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	82.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/18/2011 0123			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	660-41156-1	Analysis Batch:	660-110203	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	83.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/18/2011 0149			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

Analyte	% Rec.		RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD				
Chloride	98	99	90 - 110	0	30	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-110258**Method: 300.0****Preparation: N/A**

Lab Sample ID:	MB 660-110258/3	Analysis Batch:	660-110258	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	10.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	05/18/2011 0955	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-110258**Method: 300.0****Preparation: N/A**

Lab Sample ID:	LCS 660-110258/4	Analysis Batch:	660-110258	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	11.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	05/18/2011 1022	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.98	100	90 - 110	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-110022**Method: 350.1****Preparation: N/A**

Lab Sample ID:	MB 660-110022/11	Analysis Batch:	660-110022	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-12-2011_01-49-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/12/2011 1402	Units:	mg/L	Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

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

Lab Control Sample - Batch: 660-110022**Method: 350.1****Preparation: N/A**

Lab Sample ID:	LCS 660-110022/12	Analysis Batch:	660-110022	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-12-2011_01-49-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/12/2011 1403	Units:	mg/L	Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia as N	0.500	0.523	105	90 - 110	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-110022****Method: 350.1****Preparation: N/A**

MS Lab Sample ID:	660-41140-1	Analysis Batch:	660-110022	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-12-2011_01-49-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/12/2011 1422			Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	660-41140-1	Analysis Batch:	660-110022	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-12-2011_01-49-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/12/2011 1423			Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	92	91	90 - 110	1	30		

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-110149**Method: 350.1****Preparation: N/A**

Lab Sample ID:	MB 660-110149/11	Analysis Batch:	660-110149	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-16-2011_04-26-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/16/2011 1639	Units:	mg/L	Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

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

Lab Control Sample - Batch: 660-110149**Method: 350.1****Preparation: N/A**

Lab Sample ID:	LCS 660-110149/12	Analysis Batch:	660-110149	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-16-2011_04-26-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/16/2011 1640	Units:	mg/L	Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia as N	0.500	0.527	105	90 - 110	

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-110149****Method: 350.1****Preparation: N/A**

MS Lab Sample ID:	660-41140-7	Analysis Batch:	660-110149	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-16-2011_04-26-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/16/2011 1643			Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	660-41140-7	Analysis Batch:	660-110149	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-16-2011_04-26-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/16/2011 1644			Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	81	80	90 - 110	1	30	J3	J3

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-110191**Method: 350.1****Preparation: N/A**

Lab Sample ID:	MB 660-110191/11	Analysis Batch:	660-110191	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-17-2011_01-41-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/17/2011 1354	Units:	mg/L	Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

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

Lab Control Sample - Batch: 660-110191**Method: 350.1****Preparation: N/A**

Lab Sample ID:	LCS 660-110191/12	Analysis Batch:	660-110191	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-17-2011_01-41-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/17/2011 1355	Units:	mg/L	Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia as N	0.500	0.495	99	90 - 110	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-110191****Method: 350.1****Preparation: N/A**

MS Lab Sample ID:	660-41123-B-9 MS	Analysis Batch:	660-110191	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-17-2011_01-41-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/17/2011 1357			Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	660-41123-B-9 MSD	Analysis Batch:	660-110191	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-17-2011_01-41-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/17/2011 1359			Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	100	103	90 - 110	2	30		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-110191****Method: 350.1****Preparation: N/A**

MS Lab Sample ID:	660-41294-D-9 MS	Analysis Batch:	660-110191	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-17-2011_01-41-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/17/2011 1414			Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	660-41294-D-9 MSD	Analysis Batch:	660-110191	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-17-2011_01-41-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/17/2011 1415			Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	78	86	90 - 110	6	30	J3	J3

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-109810

Method: 353.2

Preparation: N/A

Lab Sample ID:	MB 660-109810/14	Analysis Batch:	660-109810	Instrument ID:	LACHAT1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-6-2011_01-58-2
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/06/2011 1407	Units:	mg/L	Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

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: 660-109810

Method: 353.2

Preparation: N/A

Lab Sample ID:	LCS 660-109810/15	Analysis Batch:	660-109810	Instrument ID:	LACHAT1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-6-2011_01-58-2
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/06/2011 1408	Units:	mg/L	Final Weight/Volume:	10 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate Nitrite as N	1.00	0.973	97	90 - 110	I
Nitrite as N	0.500	0.493	99	90 - 110	I

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-109810****Method: 353.2****Preparation: N/A**

MS Lab Sample ID:	660-41147-E-1 MS	Analysis Batch:	660-109810	Instrument ID:	LACHAT1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-6-2011_01-58-2
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/06/2011 1413			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	660-41147-E-1 MSD	Analysis Batch:	660-109810	Instrument ID:	LACHAT1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_5-6-2011_01-58-2
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/06/2011 1414			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	94	100	90 - 110	7	30		
Nitrite as N	91	97	90 - 110	6	30	I	I

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-109929

Method: SM 2540C

Preparation: N/A

Lab Sample ID:	MB 660-109929/1	Analysis Batch:	660-109929	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 0900	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

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

Lab Control Sample - Batch: 660-109929

Method: SM 2540C

Preparation: N/A

Lab Sample ID:	LCS 660-109929/2	Analysis Batch:	660-109929	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/11/2011 0900	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9850	98	80 - 120	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Duplicate - Batch: 660-109929

Method: SM 2540C

Preparation: N/A

Lab Sample ID:	660-41125-A-5 DU	Analysis Batch:	660-109929	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 0906	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	84	78.0	7	20	

Duplicate - Batch: 660-109929

Method: SM 2540C

Preparation: N/A

Lab Sample ID:	660-41156-1	Analysis Batch:	660-109929	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 0924	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	220	208	4	20	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-109962**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	MB 660-109962/1	Analysis Batch:	660-109962	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1442	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

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

Lab Control Sample - Batch: 660-109962**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	LCS 660-109962/2	Analysis Batch:	660-109962	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	05/11/2011 1443	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9850	98	80 - 120	

Duplicate - Batch: 660-109962**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	660-41156-2	Analysis Batch:	660-109962	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	05/11/2011 1444	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	290	292	0.7	20	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 660-109942**Method: SM 2540D****Preparation: N/A**

Lab Sample ID:	MB 660-109942/1	Analysis Batch:	660-109942	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/11/2011 1103	Units:	mg/L	Final Weight/Volume:	250 mL
Prep Date:	N/A				
Leach Date:	N/A				

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

Lab Control Sample - Batch: 660-109942**Method: SM 2540D****Preparation: N/A**

Lab Sample ID:	LCS 660-109942/2	Analysis Batch:	660-109942	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/11/2011 1103	Units:	mg/L	Final Weight/Volume:	250 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	100	95.2	95	80 - 120	

Duplicate - Batch: 660-109942**Method: SM 2540D****Preparation: N/A**

Lab Sample ID:	660-41123-A-8 DU	Analysis Batch:	660-109942	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/11/2011 1103	Units:	mg/L	Final Weight/Volume:	250 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	23	20.8	9	20	

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Method Blank - Batch: 640-80923**Method: SM 5310C****Preparation: N/A**

Lab Sample ID:	MB 640-80923/5	Analysis Batch:	640-80923	Instrument ID:	TOC
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	05131835
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	40 mL
Analysis Date:	05/13/2011 1934	Units:	mg/L	Final Weight/Volume:	40 mL
Prep Date:	N/A				
Leach Date:	N/A				

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: 640-80923****Method: SM 5310C****Preparation: N/A**

LCS Lab Sample ID:	LCS 640-80923/6	Analysis Batch:	640-80923	Instrument ID:	TOC
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	05131835
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	40 mL
Analysis Date:	05/13/2011 1946	Units:	mg/L	Final Weight/Volume:	40 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 640-80923/7	Analysis Batch:	640-80923	Instrument ID:	TOC
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	05131835
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	40 mL
Analysis Date:	05/13/2011 1959	Units:	mg/L	Final Weight/Volume:	40 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.						
	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon	99	99	80 - 120	0	25		

Quality Control Results

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-80923****Method: SM 5310C
Preparation: N/A**

MS Lab Sample ID:	660-41140-4	Analysis Batch:	640-80923	Instrument ID:	TOC
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	05131835
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	40 mL
Analysis Date:	05/13/2011 2011			Final Weight/Volume:	40 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	660-41140-4	Analysis Batch:	640-80923	Instrument ID:	TOC
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	05131835
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	40 mL
Analysis Date:	05/13/2011 2024			Final Weight/Volume:	40 mL
Prep Date:	N/A				
Leach Date:	N/A				

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

Duplicate - Batch: 640-80923**Method: SM 5310C
Preparation: N/A**

Lab Sample ID:	660-41140-5	Analysis Batch:	640-80923	Instrument ID:	TOC
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	05131835
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	40 mL
Analysis Date:	05/13/2011 2059	Units:	mg/L	Final Weight/Volume:	40 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
	MS	MSD				
Total Organic Carbon	1.8		1.77	2	25	

(660-41140)

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: Maude Church REP. OF CONTRACT LAB.

4/3/11 | 1400

ACCEPTED BY: Lin Clots REP. OF SOLID WASTE DEPT. 5.3.11 | 2:00

LOCATION: SUP 1 WACS# 27755 SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION A. Balloon M/T

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 5-5-11 TIME 12:10
ACTUAL PURGE TIME: MIN:

FIELD PARAMETERS:

TEMP	TIME	COND	PH	DO	TURB
73 M/T	24.60	12:25	352	7.85	.12
73 M/T	24.60	12:28	352	7.85	.16
72 M/T	24.59	12:31	351	7.86	.16

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

5-5-11 | 12:31

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 1125 SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:
RELINQUISHED BY: A.3.C. REP. OF SOLID WASTE DEPT. 5-5-11 4:00
ACCEPTED BY: Carol McInally REP. OF CONTRACT LAB. 5-5-11 4:00

COMMENT'S: w0ff0043 4.7, 4.9, 5.3 °C C/LDT

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

SP/11 11400

RELINQUISHED BY: Amanda Davis REP. OF CONTRACT LAB.

ACCEPTED BY: Lin Clayton REP. OF SOLID WASTE DEPT. 5.3.k | 2:00

LOCATION: SUP 2 WACS# 27756 SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION ✓ A. Balloon ✓ MT

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 5-5-11 TIME 1:01
ACTUAL PURGE TIME: MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AB</u>	<u>MT</u>	<u>12:55</u>	<u>36.04</u>	<u>362</u>	<u>7.82</u>	<u>.16</u>
<u>AB</u>	<u>MT</u>	<u>12:58</u>	<u>36.05</u>	<u>361</u>	<u>7.84</u>	<u>.15</u>
<u>AB</u>	<u>MT</u>	<u>1:01</u>	<u>26.01</u>	<u>361</u>	<u>7.80</u>	<u>.17</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

5-5-11 1:01

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

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

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: A. Davis REP. OF SOLID WASTE DEPT. 5-5-11 4:00

ACCEPTED BY: Lin Clayton REP. OF CONTRACT LAB. 5-5-11 4:02

COMMENT'S: water 0043

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: Amanda Chanian REP. OF CONTRACT LAB.

5/5/11 | 14:00

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT.

5.3.11 | 2:00

LOCATION: TH-19 WACS# 821

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION S-A. Balloon Fast

WELL DIAMETER: 2.0 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 153.60 Ft.

5.5-4 | 1:15

DEPTH TO WATER: 110.58 Ft.

1.0 GPM.

LENGTH OF WATER COL: 43.02 Ft.

DATE | TIME

VOLUME TO PURGE: 6.8 Gal.

PURGE ENDED:

5.5-11 | 1:28

ACT. VOL. PURGED:

13 GAL.

13 min

FIELD PARAMETERS:

	BY	TIME	TEMP	COND	PH	DO	TURB	DRAG DOCKED
1:25	<u>AB</u>	MT	1:27	23.55	408	7.59	0.80	0.1 = 110.80
1:28	<u>AB</u>	MT	1:25	23.56	408	7.57	0.34	0.2 110.80
1:31	<u>AB</u>	MT	1:28	23.56	408	7.58	0.50	0.1 110.80

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

5.5-11 | 1:28

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 3125 SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: Amanda Chanian REP. OF SOLID WASTE DEPT.

5-5-11 | 4:00

ACCEPTED BY: Jim Clayton REP. OF CONTRACT LAB.

5-5-11 | 4:00

COMMENT'S: W3H 0843

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: Amanda Hansen REP. OF CONTRACT LAB.

5/5/11 1:30

ACCEPTED BY: Abu REP. OF SOLID WASTE DEPT. 5-5-11 2:00

LOCATION: Greenwood SAMPLE MATRIX: WATER OTHER MATRIX:
 PERSONAL ENGAGED IN SAMPLE COLLECTION A. Balloon MT

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 5-5-11 TIME 2:10
 ACTUAL PURGE TIME: MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
13	MT 2:25	25.64	369	7.66	0.61	1.9
13	MT 2:28	25.82	369	7.63	0.68	2.0
15	MT 2:31	25.92	369	7.65	0.72	2.9

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL	3	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	
1	LITER PLASTIC	3	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

17 TOTAL NO. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

5-5-11 2:31

ANALYSIS REQUESTED:

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

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

PRESERVED SAMPLES PH < 2.0 -165 SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Abu REP. OF SOLID WASTE DEPT. 5-5-11 4:00
 ACCEPTED BY: Carol McMurtry REP. OF CONTRACT LAB. 5-5-11 4:00

COMMENT'S: water 43

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: Amanda Hanan REP. OF CONTRACT LAB.

5/3/11 | 1330

ACCEPTED BY: Abe REP. OF SOLID WASTE DEPT. 5-3-11 | 2:45

LOCATION: Keene Jr. SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon MS

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 5-5-11 TIME 9:27
ACTUAL PURGE TIME: MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>B MT</u>	<u>9:42</u>	<u>24.82</u>	<u>348</u>	<u>7.92</u>	<u>0.32</u>	<u>0.3</u>
<u>B MT</u>	<u>9:45</u>	<u>24.82</u>	<u>347</u>	<u>7.92</u>	<u>0.32</u>	<u>0.3</u>
<u>B MT</u>	<u>9:48</u>	<u>24.82</u>	<u>347</u>	<u>7.91</u>	<u>0.31</u>	<u>0.3</u>

SAMPLE CONTAINERS

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

17 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME
5-5-11 | 9:48

ANALYSIS REQUESTED:

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

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

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Abe REP. OF SOLID WASTE DEPT. 5-11-11 | 4:00
ACCEPTED BY: Carol McMillen REP. OF CONTRACT LAB. 5-11-11 | 4:00

COMMENT'S: WOTL 0043

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: A.B. REP. OF SOLID WASTE DEPT. 5-3-11 2:45

LOCATION: EQUIPMENT BLANK SAMPLE MATRIX: WATER OTHER MATRIX: _____
 PERSONAL ENGAGED IN SAMPLE COLLECTION A. Balloon M/T

FIELD PARAMETERS:

N/A

SAMPLE CONTAINERS

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

17 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
 DATE | TIME
5-5-11 9:30

ANALYSIS REQUESTED:

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

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

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

ABOVE LISTED SAMPLES: A.B. DATE | TIME
 RELINQUISHED BY: A.B. REP. OF SOLID WASTE DEPT. 5-5-11 4:00
 ACCEPTED BY: Carl McNamee REP. OF CONTRACT LAB. 5-5-11 4:00

COMMENT'S: Waste 0043

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: Amanda Hansen REP. OF CONTRACT LAB.

5/3/11 | 1330

ACCEPTED BY: AB REP. OF SOLID WASTE DEPT.

5-3-11 | 2:00

LOCATION: Mainellis SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION A. Balloon MT

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 5-5-11 TIME 11:15
 ACTUAL PURGE TIME: MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AB</u>	<u>MT</u>	<u>11:30</u>	<u>23.68</u>	<u>310</u>	<u>7.81</u>	<u>0.34</u>
<u>AB</u>	<u>MT</u>	<u>11:33</u>	<u>23.68</u>	<u>311</u>	<u>7.78</u>	<u>0.25</u>
<u>AB</u>	<u>MT</u>	<u>11:36</u>	<u>23.67</u>	<u>311</u>	<u>7.77</u>	<u>0.25</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>6</u>	40 ml VIAL	<u>3</u>	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	
<u>1</u>	LITER PLASTIC	<u>3</u>	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

67 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

5-5-11 | 11:36

ANALYSIS REQUESTED:

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

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

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

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: AB REP. OF SOLID WASTE DEPT. 5-5-11 | 4:00
 ACCEPTED BY: AB REP. OF CONTRACT LAB. 5-5-11 | 4:00

COMMENT'S: w0#0043

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

5/3/11 | 1330

RELINQUISHED BY: Chanda Danison REP. OF CONTRACT LAB.

ACCEPTED BY: BZ REP. OF SOLID WASTE DEPT. 5-3-11 | 2:00

LOCATION: Dixon

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon MT

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 5-5-11 TIME 10:25
 ACTUAL PURGE TIME: _____ MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB MT	10:40	24.99	332	7.85	0.39	21.9
AB MT	10:43	24.99	332	7.85	0.39	21.2
AB MT	10:46	25.00	332	7.87	0.41	20.7

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
6	40 ml VIAL	3	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	3	LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

17 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

5-5-11 | 10:46

ANALYSIS REQUESTED:

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

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

PRESERVED SAMPLES PH < 2.0 4/65 SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: BZ REP. OF SOLID WASTE DEPT. 5-5-11 4:00

ACCEPTED BY: Chanda Danison REP. OF CONTRACT LAB. 5-5-11 4:00

COMMENT'S: 0047 0043

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

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: Amber Hansen REP. OF CONTRACT LAB.

5/3/11 | 1330

ACCEPTED BY: Abe REP. OF SOLID WASTE DEPT. 5-3-11 | 2:00

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

PERSONAL ENGAGED IN SAMPLE COLLECTION: G.A.Balloon S-MT

CONTAINER CODE:

<u>NO. COL.</u>	<u>TYPE</u>	<u>PRESERVATIVE</u>	<u>CONTAINER TYPE</u>	<u>COLLECTED</u>
<u>2</u>	<u>VOC</u>	<u>1:1 HCL</u>	<u>2-40 ml. SEPTUM VIAL</u>	<u>5-3-11 9:25</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: _____ DATE | TIME

RELINQUISHED BY: Karen REP. OF SOLID WASTE DEPT. 5-5-11 4:00

ACCEPTED BY: Carroll McHulty REP. OF CONTRACT LAB. 5-5-11 4:00

COMMENT'S: NO#0043

660-4115b

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: Diamond Hanum REP. OF CONTRACT LAB.

DATE | TIME

5.3.11 | 1400

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 5.3.11 | 2:00

LOCATION: TH-40 WACS# 822

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon J.Clark

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 165.90 Ft.

PURGE STARTED:

DATE | TIME

5.6.11 | 10:07

DEPTH TO WATER: 109.48 Ft.

PURGE RATE:

1.00 GPM.

LENGTH OF WATER COL: 56.21 Ft.

DATE | TIME

VOLUME TO PURGE: 8.99 Gal.

PURGE ENDED:

DATE | TIME

5.6.11 | 10:20

ACT. VOL. PURGED:

13 GAL.

FIELD PARAMETERS:

Draw Down: 109.48

BY	TIME	TEMP	COND	PH	DO	TURB
AB 1c	10:16	23.44	404	7.36	0.43	0.2
AB 1c	10:18	23.44	595	7.39	0.43	0.2
AB 1c	10:20	23.44	392	7.42	0.43	0.2

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	
1	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

5.6.11 | 10:20

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Clayton REP. OF SOLID WASTE DEPT. DATE | TIME

ACCEPTED BY: Chad McMillen REP. OF CONTRACT LAB. 5.6.11 | 2:45

5.6.11 | 2:45

5.6.11 | 2:45

COMMENT'S: w04 0043

4.7, 4.9°C cu07

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: Amanda Danner REP. OF CONTRACT LAB.

DATE | TIME

5.3.11 | 1400

ACCEPTED BY: Jim Clary REP. OF SOLID WASTE DEPT.

5.3.11 | 2:00

LOCATION: TH-42 WACS# 823 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon J.Clary

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 164.00 Ft.

PURGE STARTED:

DATE | TIME

5.4.11 | 12:55

DEPTH TO WATER: 86.45 Ft.

PURGE RATE:

0.60 GPM.

LENGTH OF WATER COL: 77.55 Ft.

DATE | TIME

VOLUME TO PURGE: 12.41 Gal.

PURGE ENDED:

DATE | TIME

5.4.11 | 1:20

ACT. VOL. PURGED:

15 GAL.

FIELD PARAMETERS:

Draw Down: 103.80

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	1:16	23.59	535	7.17	0.14	14.7
AB SC	1:18	23.59	535	7.17	0.15	12.9
AB SC	1:20	23.59	535	7.18	0.14	12.2

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

5.4.11 | 1:20

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Dissolved Sodium

Dissolved Iron Dissolved Arsenic

PRESERVED SAMPLES PH < 2.0

SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: A. Clary REP. OF SOLID WASTE DEPT.

DATE | TIME

5.4.11 | 2:45

ACCEPTED BY: John McNamee REP. OF CONTRACT LAB.

5.4.11 | 2:45

COMMENT'S: 20 ft 0043

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: Amanda Damison REP. OF CONTRACT LAB.

5/3/11 | 1400

ACCEPTED BY: Tim Clapp REP. OF SOLID WASTE DEPT.

5.3.11 | 2:00

LOCATION: DUPLICATE

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION : E.A.Balloon T.S.Clapp

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

5.6.11 | —

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

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

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: Tim Clapp REP. OF SOLID WASTE DEPT.

5.6.11 | —

ACCEPTED BY: Craig McNamee REP. OF CONTRACT LAB.

5.6.11 | —

COMMENT'S: W0#0043

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: Amanda Chavis REP. OF CONTRACT LAB.

5.3.11 | 1400

ACCEPTED BY: Sin Clayton REP. OF SOLID WASTE DEPT. 5.3.11 2:00

LOCATION: TH-57 WACS# 1570 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon S.Clayton

WELL DIAMETER: 2.0 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 26.83

Ft.

PURGE STARTED:

5.6.11 | 10:35

DEPTH TO WATER: 20.15

Ft.

PURGE RATE:

0.30 GPM.

LENGTH OF WATER COL: 4.68

Ft.

DATE | TIME

VOLUME TO PURGE: 1.1

Gal.

PURGE ENDED:

5.6.11 | 10:43

ACT. VOL. PURGED:

2.4 GAL.

FIELD PARAMETERS:

Drawn Down: 20:42

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	10:39	25.34	175	4.98	0.52	0.2
AB SC	10:41	25.37	183	5.09	0.51	0.2
AB SC	10:43	25.30	182	5.09	0.51	0.2

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
1	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
5.6.11 | 10:43

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

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

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: Sin Clayton REP. OF SOLID WASTE DEPT. 5.6.11 12:45

ACCEPTED BY: Gail McNulty REP. OF CONTRACT LAB. 5.6.11 12:45

COMMENT'S: wo #0043 H2S odor

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: Amanda Domine REP. OF CONTRACT LAB.

DATE | TIME

5/3/11 | 1400

ACCEPTED BY: Jin Clayton REP. OF SOLID WASTE DEPT.

5.3.11 | 2:00

LOCATION: TH-58 WACS# 1571

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION

A. Balloon J.Clayton

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 32.92 Ft.

PURGE STARTED:

DATE | TIME

5.4.11 | 11:54

DEPTH TO WATER: 28.29 Ft.

PURGE RATE:

0.15 GPM.

LENGTH OF WATER COL: 4.00.74 Ft.

DATE | TIME

VOLUME TO PURGE: 0.74 Gal.

PURGE ENDED:

DATE | TIME

5.4.11 | 12:05

ACT. VOL. PURGED:

1.35 GAL.

FIELD PARAMETERS: Draw Down: 28.04

BY	TIME	TEMP	COND	PH	DO	TURB
AB	3c 12:01	24.98	995	5.73	0.40	1.0
AB	3c 12:03	25.05	1005	5.67	0.41	0.6
AB	3c 12:05	25.06	1005	5.65	0.34	0.9

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

5.4.11 | 12:05

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jin Clayton REP. OF SOLID WASTE DEPT. DATE | TIME

5.4.11 | 2:45

ACCEPTED BY: Chad McMurtry REP. OF CONTRACT LAB. DATE | TIME

5.4.11 | 2:45

COMMENT'S: loo # 0043

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: Chanda McNulty REP. OF CONTRACT LAB.

DATE | TIME

5/3/11 | 1400

ACCEPTED BY: Jim Cleary REP. OF SOLID WASTE DEPT. 5.3.11 | 2:00

LOCATION: TH-73 WACS#27754 SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon J.Cleary

WELL DIAMETER: 2 INCH:

TOTAL DEPTH OF WELL: 43.40 Ft.
 DEPTH TO WATER: 31.82 Ft.
 LENGTH OF WATER COL: 11.58 Ft.
 VOLUME TO PURGE: 1.85 Gal.

DATE | TIME

5.4.11 | 11:15

PURGE RATE: 0.40 GPM.

DATE | TIME

PURGE ENDED: 5.4.11 | 11:24
 ACT. VOL. PURGED: 3.4 GAL.

FIELD PARAMETERS: Draw Down: 38.05

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	11:20	25.61	359	5.34	0.41	13.9
AB SC	11:22	25.43	360	5.34	0.40	13.0
AB SC	11:24	25.44	361	5.34	0.40	12.2

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
1	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:

Colors and Sheens

COLLECTED

DATE | TIME

5.4.11 | 11:24

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: J. Cleary REP. OF SOLID WASTE DEPT.

DATE | TIME

5.4.11 | 2:45

ACCEPTED BY: Chanda McNulty REP. OF CONTRACT LAB.

5.4.11 | 2:45

COMMENT'S: W0tt00t3

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: D. Clayton REP. OF CONTRACT LAB.

DATE | TIME

5.4.11 | 1400

ACCEPTED BY: Jim Clayton REP. OF SOLID WASTE DEPT. 5.3.11 | 2:00

LOCATION: TH-72 WACS# 27753 SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION WA.Balloon & J.Clyt

WELL DIAMETER: 2 INCH:

TOTAL DEPTH OF WELL: 190.00 Ft.

PURGE STARTED:

DATE | TIME

5.4.11 | 11:22

DEPTH TO WATER: 117.26 Ft.

PURGE RATE:

0.60 GPM

LENGTH OF WATER COL: 72.80 Ft.

DATE | TIME

VOLUME TO PURGE: 11.65 Gal.

PURGE ENDED:

5.4.11 | 11:46

ACT. VOL. PURGED:

GAL.

FIELD PARAMETERS: Draw Down: 117.19

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	11:42	23.03	607	7.64	0.71	4.7
AB SC	11:44	23.02	608	7.67	0.70	4.4
AB SC	11:46	23.01	609	7.67	0.71	4.4

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
1	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:

Colors and Sheens

COLLECTED

DATE | TIME

5.4.11 | 11:46

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS IRON Arsenic

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: J. Clayton REP. OF SOLID WASTE DEPT.

DATE | TIME

5.4.11 | 2:45

ACCEPTED BY: Carolyn McMurtry REP. OF CONTRACT LAB.

5.4.11 | 2:45

COMMENT'S: W04T0043

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: Amanda Davis REP. OF CONTRACT LAB. DATE | TIME
5.3.11 | 1400

ACCEPTED BY: Lis Clayton REP. OF SOLID WASTE DEPT. DATE | TIME
5.3.11 | 2:00

LOCATION: TH-30 WACS# 1065 SAMPLE MATRIX: WATER OTHER MATRIX:
 PERSONAL ENGAGED IN SAMPLE COLLECTION A. Balloon L. Clayton

WELL DIAMETER: 2.00 INCH: DATE | TIME
 TOTAL DEPTH OF WELL: 46.19 Ft. PURGE STARTED: 5.4.11 | 12:18
 DEPTH TO WATER: 24.25 Ft. PURGE RATE: 0.40 GPM.
 LENGTH OF WATER COL: 21.94 Ft. DATE | TIME
 VOLUME TO PURGE: 3.51 Gal. PURGE ENDED: 5.4.11 | 12:32
 ACT. VOL. PURGED: 5.40 GAL.

FIELD PARAMETERS: Draw Down! 24.40

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	12:28	23.40	251	4.40	0.15	3.8
AB JC	12:30	23.40	251	4.41	0.14	3.6
AB JC	12:32	23.40	251	4.41	0.13	3.4

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
1	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
1	125 ml GLASS		125 ml GLASS	
1	250 ml. PLASTIC	2	250 ml. PLASTIC	
1	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
1	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
5.4.11 | 12:32

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

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

ABOVE LISTED SAMPLES:
 RELINQUISHED BY: A. Clayton REP. OF SOLID WASTE DEPT. DATE | TIME
 ACCEPTED BY: Callie McNulty REP. OF CONTRACT LAB. 5.4.11 | 2:45
5.4.11 | 2:45

COMMENT'S: WOT# 0043

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

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: Diana Clancy REP. OF CONTRACT LAB.

DATE | TIME

5/3/11 1140

ACCEPTED BY: Tin Clayton REP. OF SOLID WASTE DEPT.

5.3.11 12:00

LOCATION: TH-28A WACS# 19862 SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon T.Clancy

WELL DIAMETER: 2.0 INCH:

DATE | TIME

5.6.11 10:54

TOTAL DEPTH OF WELL: 34.30 Ft.

PURGE STARTED:

DEPTH TO WATER: 28.79 Ft.

PURGE RATE:

LENGTH OF WATER COL: 5.51 Ft.

GPM.

VOLUME TO PURGE: 0.88 Gal.

DATE | TIME

5.6.11 11:07

PURGE ENDED:

ACT. VOL. PURGED:

1.30 GAL.

FIELD PARAMETERS: Draw Down: 29.46

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	11:03	25.72	227	5.19	0.96	9.5
AB SC	11:05	25.74	224	5.16	0.89	8.8
AB SC	11:07	25.77	227	5.15	0.88	7.9

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

5.6.11 11:07

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic

PRESERVED SAMPLES PH < 2.0 SAMPLE STORAGE: CCOOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Tin Clayton REP. OF SOLID WASTE DEPT.

DATE | TIME

5.6.11 12:45

ACCEPTED BY: Craig McMurtry REP. OF CONTRACT LAB.

5.6.11 12:45

COMMENT'S: WOTC 0043

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Login Number: 41140

List Source: TestAmerica Tampa

List Number: 1

Creator: McNulty, Carol

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	4.7, 4.9, 5.3 degrees C Cu-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Login Number: 41140

List Source: TestAmerica Savannah

List Number: 1

List Creation: 05/10/11 08:47 AM

Creator: Jenkins, Brandy J

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

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Login Number: 41140

List Number: 1

Creator: Mitchell, Travis X

List Source: TestAmerica Tallahassee

List Creation: 05/10/11 02:44 PM

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

Login Sample Receipt Checklist

Client: Hillsborough County Public Utilities Dep

Job Number: 660-41140-1

Login Number: 41156

List Source: TestAmerica Tampa

List Number: 1

Creator: McNulty, Carol

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	4.7, 4.9 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	did not rec dissolved metals for TH-42
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	TH 57 NH3 bottle labeled TH-40, went by time
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	