



Hillsborough County
Florida

INITIAL ASSESSMENT MONITORING PLAN REPORT No. 8

**SOUTHEAST COUNTY LANDFILL SITE
HILLSBOROUGH COUNTY, FLORIDA**

Hillsborough County
Public Utilities Department
Environmental Services
332 North Falkenburg Road
Tampa, Florida 33619

May 11, 2011



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May 11, 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. 8**

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 two weekly sampling events conducted at the SCLF on March 31-April 1 and April 7-8, 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 and two on-site limited use potable supply wells. Samples were analyzed for total dissolved solids (TDS), chloride, total ammonia, arsenic, cadmium, chromium, iron, lead, 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. The results are consistent with the historical water quality at the site. The following paragraphs summarize the next two events and the parameter specific results pertinent to the evaluation of potential water quality impacts from the sinkhole at the SCLF.

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March 31-April 1, 2011 Groundwater Sampling Event

During the March 31-April 1, 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 weekly 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 4.68 to 5.80 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 the two (2) 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, but not to levels that would prevent any potential turbidity associated bias. 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 19.5 NTU.

Total Dissolved Solids (TDS)

The upper Floridan aquifer detection groundwater monitoring well, TH-72, located approximately 50 feet west down gradient of the sinkhole, exhibited TDS concentrations of 520 mg/l. This value exceeds the SDWS of 500 mg/l, and over the period of record the TDS values have gone from being consistently in the low 300 range up to 1100 mg/l during the March 27, 2011 event. The TDS value of 520 mg/l in this event represents a significant decrease, and the County believes that the grouting processes and specifically the drilling fluids utilized may be the source of the changes in water quality in this well. All other wells are observed with relatively low TDS values and within the standard of 500 mg/l.

Total Ammonia

The total ammonia values observed in the surficial wells appear to generally be in the historical range for the site, and range from 0.7 to 1.7 mg/l. TH-73 exhibits the highest value of 1.7 mg/l. The upper Floridan wells range from 0.11 to 2.0 mg/l. Each of the eleven

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sampling locations are below the standard of 2.8 mg/l. It should be noted that TH-72 exhibited the value of 2.0 mg/l, which represents an increase from the historical values over the past two months, but a significant decrease from the March 24, 2011 observed value of 9.0 mg/l. As discussed, the County attributes 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 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 ranged from below the detection limit (BDL) to 14 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 a result of past mining activities.

Lead

The upper Floridan aquifer monitoring well TH-42 exhibited lead at a concentration of 0.018 mg/l, which is slightly above the PDWS of 0.015 mg/l. However, the turbidity value was recorded at 19.5 NTU, and the County has previously demonstrated with the filtered samples collected, that minor detections of lead and other metals are not representative of water quality and are not dissolved in the groundwater. This information was presented and thoroughly discussed in IAMP Report No. 6.

April 7-8, 2011 Groundwater Sampling Event

During the April 7-8, 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 last weekly IAMP sampling event. Future IAMP events will be conducted on a monthly schedule.

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pH

Each of the five (5) surficial aquifer monitoring wells continue to exhibit pH values below the SDWS acceptable range of 6.5 to 8.5 pH units. The pH values from the surficial aquifer groundwater monitoring wells across the site range in value from 4.69 to 5.73 pH units and are consistent with historical and background water quality. The pH values observed in the four (4) upper Floridan wells and two (2) supply wells were all observed within the SDWS acceptable range during this sampling event.

Turbidity

The turbidity value observed in TH-42 was 16.6 NTU, which continues to show a steady reduction and downward trend from the initial sampling events. The steady decline in turbidity indicates that the well will continue to improve and exhibit representative water quality as it is further developed as part of the continuation of the IAMP. The turbidity in P-18 was not below the 20 NTU threshold, so the sample was collected from TH-30.

Total Ammonia

The total ammonia values observed in the surficial aquifer wells appear to be in the historical range for the site, and range from 0.82 to 2.1 mg/l. The upper Floridan wells range from 0.12 to 1.9 mg/l. Each of the eleven groundwater sampling locations are observed below the standard of 2.8 mg/l.

Iron

Iron concentrations in four (4) surficial aquifer wells and one (1) Upper Floridan monitoring well tested were observed above the SDWS of 0.3 mg/l. The concentrations of iron ranged from BDL to 11 mg/l and continue to be consistent with historical water quality at the SCLF.

Lead

Upper Floridan aquifer monitoring well TH-42 exhibited lead at 0.011 mg/l, which is below the PDWS. A turbidity value of 16.6 NTUs was recorded during the sampling event. The data generated from the IAMP continues to support the position that the lead observed is entrained in the sediments within the sample, and not a dissolved component of the groundwater.

Conclusions

Overall, the water quality samples collected as part of the IAMP at the Southeast County Landfill remain consistent with the historical data set for the site. The apparent water quality impacts in TH-72 and TH-73 present some minor concerns, but it should be noted that these

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wells are within 50 feet of the edge of the sinkhole, and the initial stabilization activities may be contributing to the increase in conductivity, TDS, chloride, ammonia, and sodium. These are not unexpected results, and the impacts are currently minor and very localized in the immediate vicinity of the sinkhole. The IAMP continues to thoroughly assess water quality in the nine on-site groundwater monitoring wells and the two on-site limited use potable supply wells.

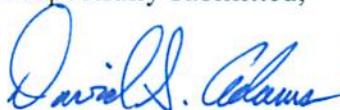
Recommendations

The PUD 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 May sampling event has been conducted on May 5-6, 2011 and the next monthly event shall be conducted the week of June 6, 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 x43955.

Respectfully submitted,

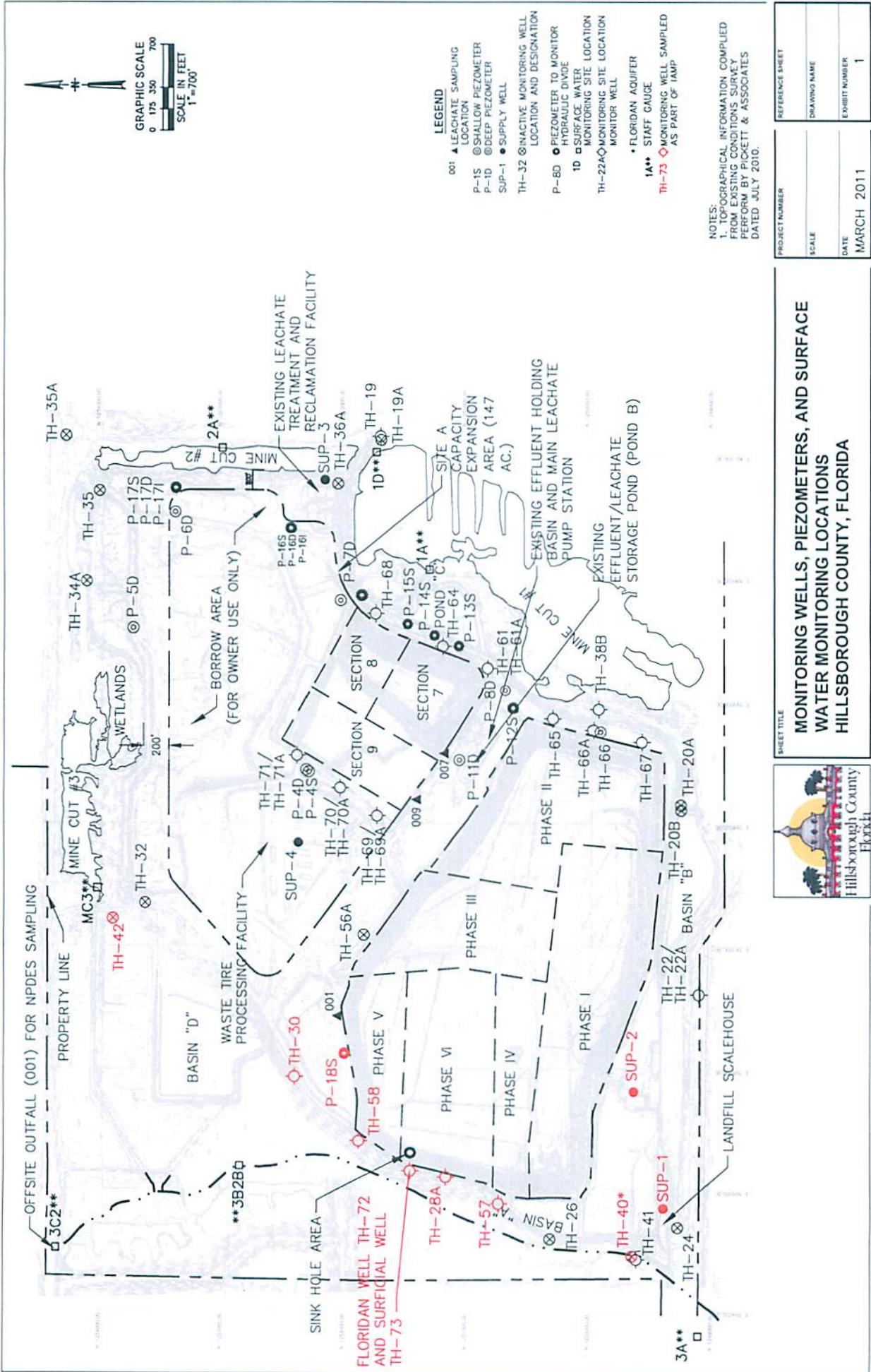


5/1/2011

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



xc: Paul Vanderploog, Director, PUD
Barry Boldissar, PUD
Patricia V. Berry, PUD
Pamela Greene, PUD
Larry Ruiz, PUD
Michelle Van Dyk, PUD
Rich Tedder, FDEP Tallahassee
Susan Pelz, FDEP Southwest District
Steve Morgan, FDEP, Southwest District
Paul Schipfer, EPC
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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
April 7-8, 2011

GENERAL (mg/l)	TH-19	TH-28A	TH-30	TH-40	TH-42	TH-57	TH-58	TH-72	TH-73	SUP-1	SUP-2	(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)	419	240	242	387	526	187	459	810	331	354	359	NS
dissolved oxygen (mg/l) (field)	0.39	0.63	0.19	0.39	0.34	0.19	0.28	0.92	0.62	0.04	0.05	NS
pH (field)	7.32	5.30	4.69	7.51	7.20	5.18	5.73	7.35	5.35	7.53	7.50	(6.5 - 8.5)**
temperature (°C) (field)	23.46	26.19	23.62	23.46	23.72	25.56	25.36	23.13	25.97	24.54	24.46	NS
turbidity (NTU) (field)	0.3	4.1	2.3	0.4	16.6	0.4	0.9	6.1	18	0.0	0.1	NS
total dissolved solids (mg/l)	220	120	120	210	290	80	250	420	140	190	190	500**
chloride (mg/l)	8.2	49	59	7.9	17	41	57	87	66	9.7	10	250**
ammonia nitrogen (mg/l as N)	0.25	1.1	1.3	0.29	0.22	0.87	0.82	1.9	2.1	0.16	0.12	2.8***
Metals: (mg/l)	TH-19	TH-28A	TH-30	TH-40	TH-42	TH-57	TH-58	TH-72	TH-73	SUP-1	SUP-2	(MCL) STANDARD
arsenic	BDL	BDL	BDL	BDL	BDL	BDL	0.026	BDL	BDL	BDL	BDL	0.01*
cadmium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005*
chromium	BDL	BDL	BDL	BDL	0.0056 i	BDL	0.0023 i	BDL	0.003 i	BDL	BDL	0.1*
iron	BDL	3.1	0.21	BDL	0.68	0.50	4.6	0.22	11	BDL	BDL	0.3**
lead	BDL	BDL	BDL	0.0022 i	0.011 i	BDL	BDL	0.0039 i	BDL	0.0054 i	BDL	0.015*
sodium	14	19	21	16	15	12	16	51	30	8.7	8.8	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

5.30

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 Groundwater Monitoring and On-Site Supply Wells
March 31-April 1, 2011

GENERAL (mg/l)	TH-19	TH-28A	TH-30	TH-40	TH-42	TH-57	TH-58	TH-72	TH-73	SUP-1	SUP-2	(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)	377	231	252	355	471	176	504	928	366	370	372	NS
dissolved oxygen (mg/l) (field)	1.30	0.79	0.14	0.52	0.7	0.22	0.37	0.16	0.78	0.06	0.05	NS
pH (field)	7.48	5.31	4.68	7.60	7.35	6.20	5.80	7.41	5.53	7.69	7.69	(6.5 - 8.5)**
temperature (°C) (field)	23.09	25.75	23.56	23.33	23.39	25.60	25.23	22.80	25.89	24.31	24.31	NS
turbidity (NTU) (field)	0.2	4.8	2.8	0.3	19.5	0.9	0.8	3.6	19.8	0.4	0.0	NS
total dissolved solids (mg/l)	240	120	140	230	320	92	270	520	160	200	210	500**
chloride (mg/l)	8.8	45	58	7.8	19	35	56	110	68	9.3	9.4	250**
ammonia nitrogen (mg/l as N)	0.19	0.72	0.8	0.26	0.16	0.7	0.73	2	1.7	0.15	0.11	2.8***
Metals: (mg/l)	TH-19	TH-28A	TH-30	TH-40	TH-42	TH-57	TH-58	TH-72	TH-73	SUP-1	SUP-2	(MCL) STANDARD
arsenic	BDL	BDL	BDL	BDL	BDL	BDL	0.024	BDL	BDL	BDL	BDL	0.01*
cadmium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005*
chromium	BDL	BDL	0.02 i	BDL	0.0082 i	BDL	0.0022 i	BDL	0.0035 i	BDL	BDL	0.1*
iron	BDL	3.1	0.21	BDL	0.94	0.46	4.2	0.24	14	BDL	BDL	0.3**
lead	BDL	BDL	BDL	0.003 i	0.018	BDL	BDL	0.0042 i	BDL	0.0054 i	BDL	0.015*
sodium	14	18	20	16	16	11	17	59	29	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

5.31

ug/l=MICROGRAMS PER LITER

mg/l=MILLIGRAMS PER LITER

NS=NO STANDARD

(-) indicates that the sample was not analyzed for this parameter

GROUNDWATER AND SURFACE WATER ELEVATIONS FOR

SOUTHEAST LANDFILL

March 29, 2011

Measuring Point I.D.	T.O.C. Elevations (NGVD)	3/22/2001 W.L. B.T.O.C.	W.L. (NGVD)	Time
P-4D	140.78	23.19	117.59	10:43 AM
P-4S	140.95	10.19	130.76	10:42 AM
P-5D	151.94	Dry	Dry	11:20 AM
P-6D-A	148.01	29.00	119.01	11:13 AM
P-7D	138.92	19.20	119.72	11:45 AM
P-8D	138.34	19.28	119.06	12:01 PM
P-11D	138.02	18.78	119.24	10:34 AM
P-12S	134.97	15.48	119.49	12:03 PM
P-13S	140.21	20.04	120.17	11:57 AM
P-14S	138.56	18.38	120.18	11:53 AM
P-15S	139.19	19.66	119.53	11:51 AM
P-16S	143.38	16.02	127.36	11:06 AM
P-16I	144.15	25.32	118.83	11:05 AM
P-16D	143.84	25.02	118.82	11:04 AM
P-17S	137.35	17.62	119.73	11:29 AM
P-17I	137.32	18.32	119.00	11:30 AM
P-17D	137.22	18.32	118.90	11:31 AM
P-18S	129.86	19.06	110.80	10:28 AM
P-19	133.36	15.60	117.76	11:16 AM
P-20	132.38	13.68	118.70	11:08 AM
P-21	122.79	4.29	118.50	10:55 AM
P-22	128.35	10.10	118.25	10:57 AM
P-23	143.13	24.82	118.31	10:49 AM
TH-19*	130.27	109.40	20.87	11:41 AM
TH-20A	131.86	9.99	121.87	12:18 PM
TH-20B	132.57	10.99	121.58	12:17 PM
TH-22	128.82	4.90	123.92	9:38 AM
TH-22A	129.27	5.45	123.82	9:39 AM
TH-24A	128.23	5.21	123.02	9:28 AM
TH-26	125.65	Dry	Dry	9:44 AM
TH-28A	131.10	28.10	103.00	9:49 AM
TH-30	128.88	24.11	104.77	9:57 AM
TH-32	129.90	16.00	113.90	10:28 AM
TH-35	145.98	29.42	116.56	11:25 AM
TH-36A	152.70	34.04	118.66	11:34 AM
TH-38A	130.68	11.24	119.44	12:12 PM
TH-38B	131.81	12.33	119.48	12:11 PM
TH-40*	124.99	107.77	17.22	9:24 AM
TH-41*	125.00	109.77	15.23	9:25 AM
TH-42*	116.74	86.39	30.35	10:19 AM
TH-57	128.36	19.99	108.37	9:46 AM
TH-58	127.88	28.10	99.78	9:54 AM
TH-61	138.73	18.62	120.11	11:59 AM
TH-61A	139.45	19.38	120.07	12:00 PM
TH-64	139.64	18.68	120.96	11:55 AM
TH-65	135.40	15.79	119.61	12:05 PM
TH-66	130.58	10.36	120.22	12:09 PM
TH-66A	130.66	10.82	119.84	12:08 PM
TH-67	129.51	6.29	123.22	12:14 PM
TH-68	140.01	16.50	123.51	11:46 AM
TH-69A	144.97	26.66	118.31	10:37 AM
TH-70A	146.63	28.35	118.28	10:39 AM
TH-71A	146.95	26.65	120.30	10:46 AM
TH-72	130.96	115.70	15.26	9:52 AM
TH-73	131.07	31.11	99.96	9:51 AM
SW-3A	3.0'=125.53'	0.56	123.09	9:21 AM
SW-3B2B	3.0'=97.97'	1.56	96.53	10:03 AM
SW-3C2	6.0'=92.33'	1.56	87.89	10:07 AM
Mine Cut #1	4.0'=122.14'	1.28	119.42	11:49 AM
Mine Cut #2	6.0'=123.47'	1.56	119.03	11:38 AM
Mine Cut #3	4.0'=112.27'	1.98	110.25	10:17 AM
Mine Cut #4	5.0'=97.54'	1.70	94.24	10:13 AM

NGVD = National Geodetic Vertical Datum

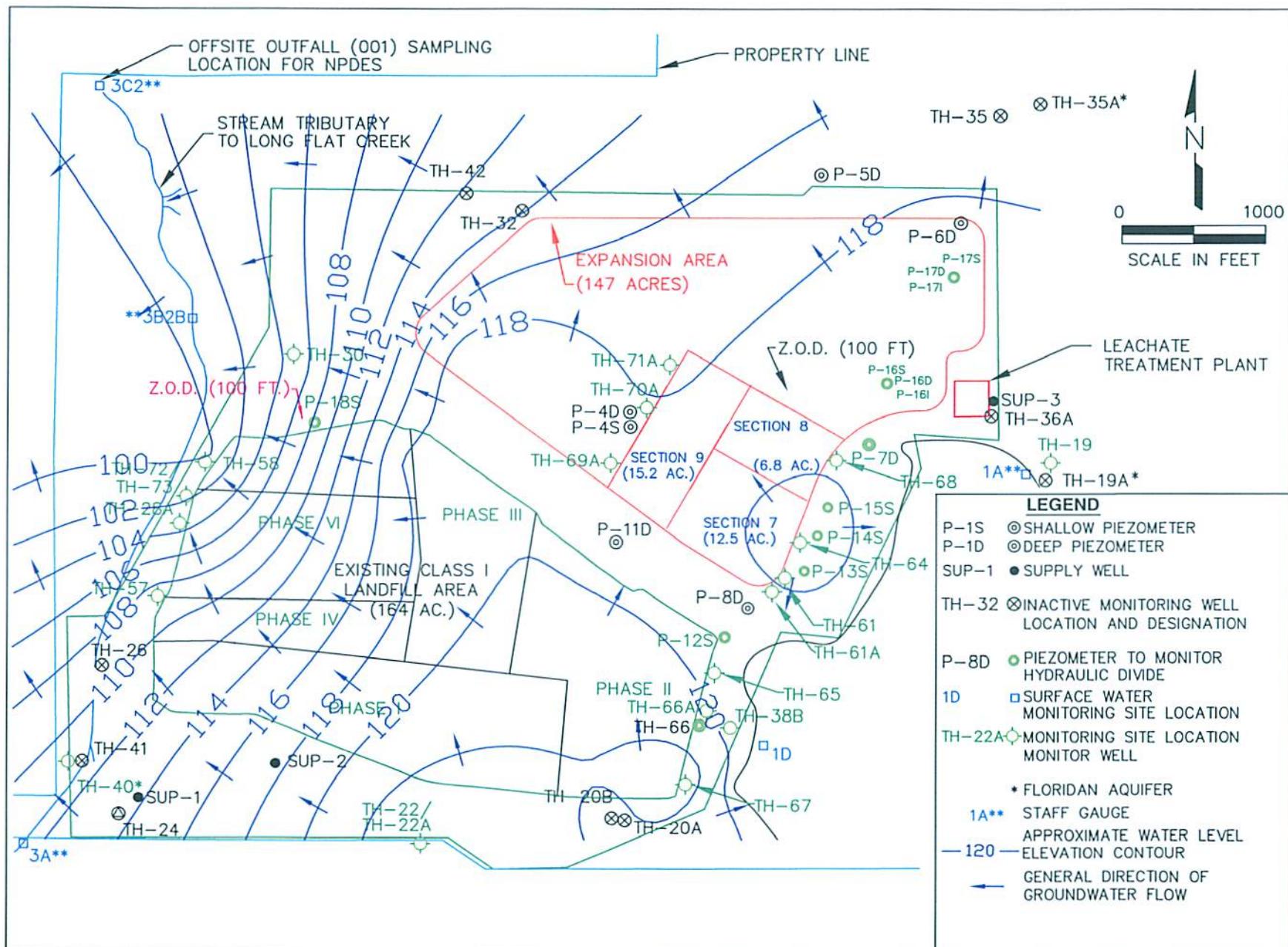
T.O.C. = Top of Casing

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

* = Floridan Well

ND = No Data

W.L. = Water Level



Southeast County Landfill
Groundwater Elevation Contour Diagram – March 29, 2011

GROUNDWATER AND SURFACE WATER ELEVATIONS FOR

SOUTHEAST LANDFILL

April 5, 2011

Measuring Point I.D.	T.O.C. Elevations (NGVD)	4/5/2011 W.L. B.T.O.C.	W.L. (NGVD)	Time
P-4D	140.78	22.80	117.98	1:30 PM
P-4S	140.95	10.10	130.85	1:29 PM
P-5D	151.94	Dry	Dry	12:26 PM
P-6D-A	148.01	27.44	120.57	12:17 PM
P-7D	138.92	18.19	120.73	12:03 PM
P-8D	138.34	18.44	119.90	11:38 AM
P-11D	138.02	18.29	119.73	11:40 AM
P-12S	134.97	14.63	120.34	11:37 AM
P-13S	140.21	17.86	122.35	11:51 AM
P-14S	138.56	16.35	122.21	11:54 AM
P-15S	139.19	18.11	121.08	11:58 AM
P-16S	143.38	15.75	127.63	12:11 PM
P-16I	144.15	24.51	119.64	12:10 PM
P-16D	143.84	24.22	119.62	12:09 PM
P-17S	137.35	15.64	121.71	12:33 PM
P-17I	137.32	16.84	120.48	12:34 PM
P-17D	137.22	16.96	120.26	12:35 PM
P-18S	129.86	18.62	111.24	1:11 PM
P-19	133.36	14.68	118.68	12:20 PM
P-20	132.38	0.51	131.87	12:14 PM
P-21	122.79	2.28	120.51	1:17 PM
P-22	128.35	8.58	119.77	1:19 PM
P-23	143.13	23.86	119.27	1:24 PM
TH-19*	130.27	106.35	23.92	12:40 PM
TH-20A	131.86	8.59	123.27	11:25 AM
TH-20B	132.57	9.40	123.17	11:26 AM
TH-22	128.82	3.98	124.84	11:14 AM
TH-22A	129.27	4.52	124.75	11:14 AM
TH-24A	128.23	3.45	124.78	11:09 AM
TH-26	125.65	Dry	Dry	1:51 PM
TH-28A	131.10	27.69	103.41	1:47 PM
TH-30	128.88	23.77	105.11	1:40 PM
TH-32	129.90	15.07	114.83	12:51 PM
TH-35	145.98	28.63	117.35	12:29 PM
TH-36A	152.70	33.15	119.55	12:06 PM
TH-38A	130.68	10.20	120.48	11:33 AM
TH-38B	131.81	11.08	120.73	11:32 AM
TH-40*	124.99	104.35	20.64	11:20 AM
TH-41*	125.00	106.11	18.69	11:19 AM
TH-42*	116.74	84.84	31.90	12:54 PM
TH-57	128.36	19.40	108.96	1:49 PM
TH-58	127.88	27.59	100.29	1:42 PM
TH-61	138.73	17.30	121.43	11:43 AM
TH-61A	139.45	17.50	121.95	11:42 AM
TH-64	139.64	16.80	122.84	11:53 AM
TH-65	135.40	15.04	120.36	11:34 AM
TH-66	130.58	8.85	121.73	11:30 AM
TH-66A	130.66	9.24	121.42	11:31 AM
TH-67	129.51	3.49	126.02	11:27 AM
TH-68	140.01	14.40	125.61	11:59 AM
TH-69A	144.97	26.32	118.65	1:34 PM
TH-70A	146.63	28.00	118.63	1:31 PM
TH-71A	146.95	26.03	120.92	1:28 PM
TH-72	130.86	112.10	18.86	1:44 PM
TH-73	131.07	30.65	100.42	1:45 PM
SW-3A	3.0'=125.53'	0.78	123.31	11:00 AM
SW-3B2B	3.0'=97.97'	2.06	97.03	1:06 PM
SW-3C2	6.0'=92.33'	1.94	88.27	1:01 PM
Mine Cut #1	4.0'=122.14'	1.78	119.92	11:57 AM
Mine Cut #2	6.0'=123.47'	2.00	119.47	12:44 PM
Mine Cut #3	4.0'=112.27'	2.16	110.43	12:48 PM
Mine Cut #4	5.0'=97.54'	2.00	94.54	12:57 PM

NGVD = National Geodetic Vertical Datum

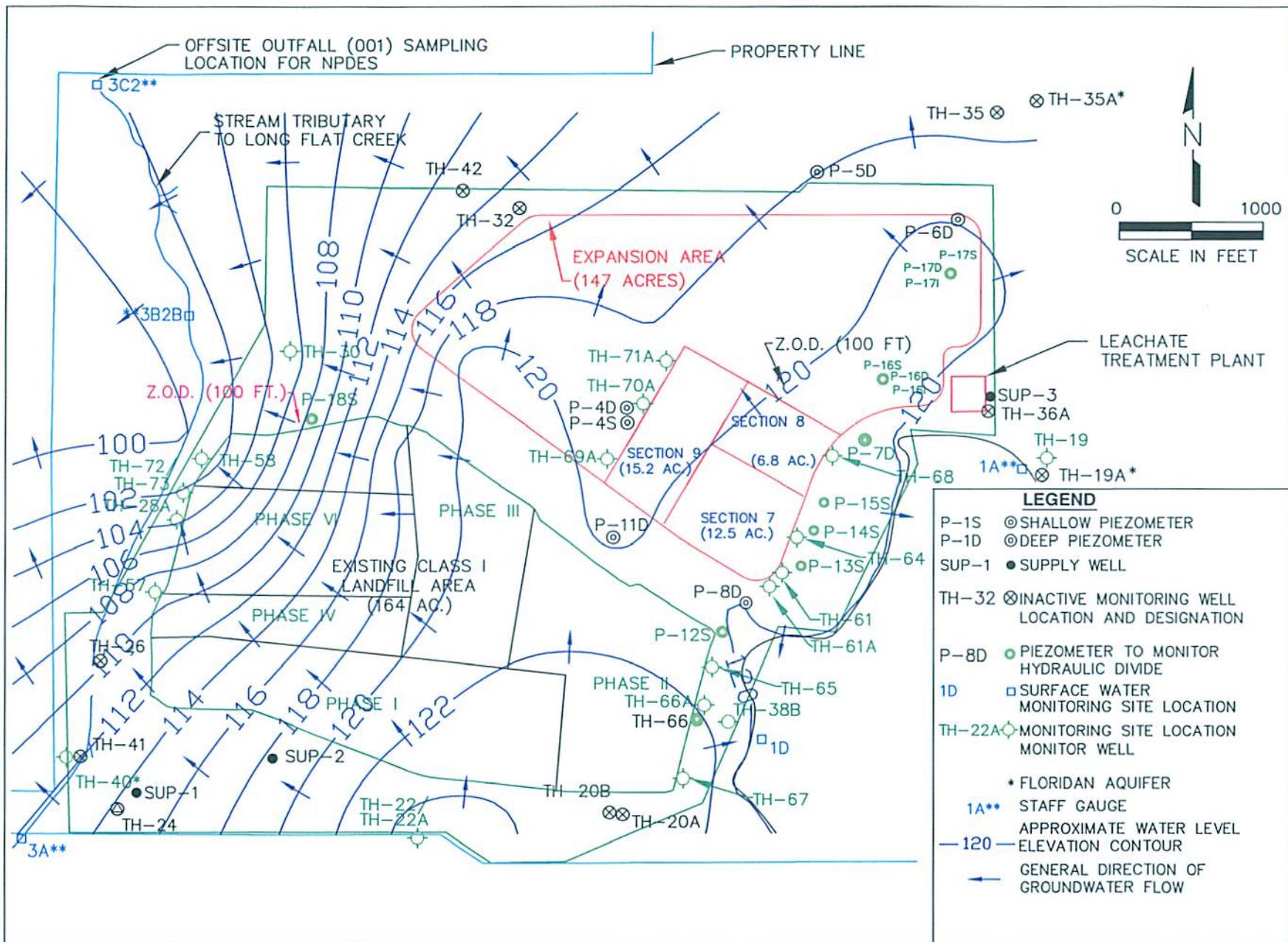
T.O.C. = Top of Casing

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

* = Floridan Well

ND = No Data

W.L. = Water Level



Southeast County Landfill
Groundwater Elevation Contour Diagram – April 5, 2011

ANALYTICAL REPORT

Job Number: 660-40511-1

Job Description: Southeast Landfill

For:
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Attention: Mr. David S Adams



Approved for release:
Nancy Robertson
Project Manager II
4/19/2011 8:57 AM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
04/19/2011

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282

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

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
660-40511-1**

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria. The LCS associated with batch 108521 had Acrolein outside control limits. The associated samples are flagged with J3.

Method 8260B: The matrix spike (MS) recoveries for batch 108521 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: The matrix spike (MS) recoveries for batch 108678 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Metals

Method 6010B: Samples TH-42 had positive results for lead. The sample had high field turbidity and sediment at the bottom of the metals bottles received in the laboratory. Due to this fact, re analysis was not performed. We can conclude that the sediment attributed to the sample result.

No analytical or quality issues were noted.

General Chemistry

Method 300.0: The matrix spike duplicate (MSD) recovery for batch 108552 was outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 108554 were outside control limits for chloride. The parent sample was 4 times the spike amount. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 108607 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The samples are flagged with J3.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40511-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40511-1 TH-73 WACS#27754					
Field pH	5.53			SU	Field Sampling
Field Temperature	25.89			Degrees C	Field Sampling
Oxygen, Dissolved	0.78			mg/L	Field Sampling
Specific Conductance	366			umhos/cm	Field Sampling
Turbidity	19.8			NTU	Field Sampling
Chloride	68		1.0	mg/L	300.0
Ammonia as N	1.7	J3	0.020	mg/L	350.1
Total Dissolved Solids	160		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Chromium	3.5	I	10	ug/L	6010B
Iron	14000		200	ug/L	6010B
Sodium	29		0.50	mg/L	6010B
660-40511-2 BLANK, EQUIPMENT					
Ammonia as N	0.099		0.020	mg/L	350.1
660-40511-3 TH-40 WACS# 822					
Field pH	7.60			SU	Field Sampling
Field Temperature	23.33			Degrees C	Field Sampling
Oxygen, Dissolved	0.52			mg/L	Field Sampling
Specific Conductance	355			umhos/cm	Field Sampling
Turbidity	0.3			NTU	Field Sampling
Chloride	7.8		0.50	mg/L	300.0
Ammonia as N	0.26		0.020	mg/L	350.1
Total Dissolved Solids	230		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Lead	3.0	I	10	ug/L	6010B
Sodium	16		0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40511-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40511-4 TH-72 WACS# 27753					
Field pH	7.41			SU	Field Sampling
Field Temperature	22.80			Degrees C	Field Sampling
Oxygen, Dissolved	0.16			mg/L	Field Sampling
Specific Conductance	928			umhos/cm	Field Sampling
Turbidity	3.6			NTU	Field Sampling
Chloride	110		5.0	mg/L	300.0
Ammonia as N	2.0		0.020	mg/L	350.1
Total Dissolved Solids	520		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Iron	240		200	ug/L	6010B
Lead	4.2	I	10	ug/L	6010B
Sodium	59		0.50	mg/L	6010B
660-40511-5 DUPLICATE					
Chloride	8.0		0.50	mg/L	300.0
Ammonia as N	0.28		0.020	mg/L	350.1
Total Dissolved Solids	240		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Lead	2.6	I	10	ug/L	6010B
Sodium	14		0.50	mg/L	6010B
660-40511-6 SUP 2 WACS# 27756					
Field pH	7.69			SU	Field Sampling
Field Temperature	24.31			Degrees C	Field Sampling
Oxygen, Dissolved	0.05			mg/L	Field Sampling
Specific Conductance	372			umhos/cm	Field Sampling
Turbidity	0.0			NTU	Field Sampling
Chloride	9.4		0.50	mg/L	300.0
Ammonia as N	0.11		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

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40511-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40511-7 TH-42 WACS# 823					
Field pH	7.35			SU	Field Sampling
Field Temperature	23.39			Degrees C	Field Sampling
Oxygen, Dissolved	0.70			mg/L	Field Sampling
Specific Conductance	471			umhos/cm	Field Sampling
Turbidity	19.5			NTU	Field Sampling
Chloride	19		0.50	mg/L	300.0
Ammonia as N	0.16		0.020	mg/L	350.1
Total Dissolved Solids	320		5.0	mg/L	SM 2540C
Total Recoverable					
Chromium	8.2	I	10	ug/L	6010B
Iron	940		200	ug/L	6010B
Lead	18		10	ug/L	6010B
Sodium	16		0.50	mg/L	6010B
660-40511-8 TH-19 WACS# 821					
Field pH	7.48			SU	Field Sampling
Field Temperature	23.09			Degrees C	Field Sampling
Oxygen, Dissolved	1.30			mg/L	Field Sampling
Specific Conductance	377			umhos/cm	Field Sampling
Turbidity	0.2			NTU	Field Sampling
Chloride	8.8		0.50	mg/L	300.0
Ammonia as N	0.19		0.020	mg/L	350.1
Total Dissolved Solids	240		5.0	mg/L	SM 2540C
Total Recoverable					
Sodium	14		0.50	mg/L	6010B
660-40511-9 TH-30 WACS# 1065					
Field pH	4.68			SU	Field Sampling
Field Temperature	23.56			Degrees C	Field Sampling
Oxygen, Dissolved	0.14			mg/L	Field Sampling
Specific Conductance	252			umhos/cm	Field Sampling
Turbidity	2.8			NTU	Field Sampling
Chloride	58		1.0	mg/L	300.0
Ammonia as N	0.80		0.020	mg/L	350.1
Total Dissolved Solids	140		5.0	mg/L	SM 2540C
Total Recoverable					
Chromium	2.0	I	10	ug/L	6010B
Iron	210		200	ug/L	6010B
Sodium	20		0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40511-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40511-10 SUP 1 WACS# 27755					
Field pH	7.69			SU	Field Sampling
Field Temperature	24.31			Degrees C	Field Sampling
Oxygen, Dissolved	0.06			mg/L	Field Sampling
Specific Conductance	370			umhos/cm	Field Sampling
Turbidity	0.4			NTU	Field Sampling
Chloride	9.3		0.50	mg/L	300.0
Ammonia as N	0.15		0.020	mg/L	350.1
Total Dissolved Solids	200		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Lead	5.4	I	10	ug/L	6010B
Sodium	8.7		0.50	mg/L	6010B
 660-40511-11 TH-28A WACS# 19862					
Field pH	5.31			SU	Field Sampling
Field Temperature	25.75			Degrees C	Field Sampling
Oxygen, Dissolved	0.79			mg/L	Field Sampling
Specific Conductance	231			umhos/cm	Field Sampling
Turbidity	4.8			NTU	Field Sampling
Chloride	45		0.50	mg/L	300.0
Ammonia as N	0.72	J3	0.020	mg/L	350.1
Total Dissolved Solids	120		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Iron	3100		200	ug/L	6010B
Sodium	18		0.50	mg/L	6010B
 660-40511-12 TH-57 WACS# 1570					
Field pH	5.20			SU	Field Sampling
Field Temperature	25.60			Degrees C	Field Sampling
Oxygen, Dissolved	0.22			mg/L	Field Sampling
Specific Conductance	176			umhos/cm	Field Sampling
Turbidity	0.9			NTU	Field Sampling
Chloride	35	J3	0.50	mg/L	300.0
Ammonia as N	0.70		0.020	mg/L	350.1
Total Dissolved Solids	92		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Iron	460		200	ug/L	6010B
Sodium	11		0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40511-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40511-13 TH-58 WACS# 1571					
Field pH	5.80			SU	Field Sampling
Field Temperature	25.23			Degrees C	Field Sampling
Oxygen, Dissolved	0.37			mg/L	Field Sampling
Specific Conductance	504			umhos/cm	Field Sampling
Turbidity	0.8			NTU	Field Sampling
Chloride	56		1.0	mg/L	300.0
Ammonia as N	0.73		0.020	mg/L	350.1
Total Dissolved Solids	270		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Arsenic	24		10	ug/L	6010B
Chromium	2.2	I	10	ug/L	6010B
Iron	4200		200	ug/L	6010B
Sodium	17		0.50	mg/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-40511-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS) Purge and Trap	TAL TAM	SW846 8260B	SW846 5030B
Semivolatile Organic Compounds (GC/MS) Liquid-Liquid Extraction (Continuous)	TAL TAM	SW846 8270C	SW846 3520C
Metals (ICP) Preparation, Total Recoverable or Dissolved Metals	TAL TAM	SW846 6010B	SW846 3005A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

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

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

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

METHOD / ANALYST SUMMARY

Client: Hillsborough County

Job Number: 660-40511-1

Method	Analyst	Analyst ID
SW846 8260B	Campbell, Ed	EC
SW846 8270C	Cappelluti, Alyssa	AP
SW846 6010B	Fox, Greg	GF
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Steward, Tiffany	TS
MCAWW 350.1	Office, Trey	TO
SM SM 2540C	Oonnoonny, Thomas	TO

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-40511-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-40511-1	TH-73 WACS#27754	Water	04/01/2011 0939	04/01/2011 1328
660-40511-2	Blank, Equipment	Water	03/31/2011 1015	04/01/2011 1328
660-40511-3	TH-40 WACS# 822	Water	03/31/2011 1032	04/01/2011 1328
660-40511-4	TH-72 WACS# 27753	Water	04/01/2011 0949	04/01/2011 1328
660-40511-5	Duplicate	Water	03/31/2011 0000	04/01/2011 1328
660-40511-6	SUP 2 WACS# 27756	Water	04/01/2011 1139	04/01/2011 1328
660-40511-7	TH-42 WACS# 823	Water	03/31/2011 1143	04/01/2011 1328
660-40511-8	TH-19 WACS# 821	Water	03/31/2011 1100	04/01/2011 1328
660-40511-9	TH-30 WACS# 1065	Water	04/01/2011 1017	04/01/2011 1328
660-40511-10	SUP 1 WACS# 27755	Water	04/01/2011 1214	04/01/2011 1328
660-40511-11	TH-28A WACS# 19862	Water	04/01/2011 1100	04/01/2011 1328
660-40511-12	TH-57 WACS# 1570	Water	04/01/2011 1119	04/01/2011 1328
660-40511-13	TH-58 WACS# 1571	Water	04/01/2011 1038	04/01/2011 1328
660-40511-14	Blank, Travel	Water	03/31/2011 1005	04/01/2011 1328

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-73 WACS#27754
 Lab Sample ID: 660-40511-1

Date Sampled: 04/01/2011 0939
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	04/05/2011 0915	
Prep Method: 5030B			Date Prepared:	04/05/2011 0915	
Acetone	9.9	U	ug/L	9.9	20
Acetonitrile	20	U	ug/L	20	1.0
Acrolein	3.8	U J3	ug/L	3.8	5.0
Acrylonitrile	1.2	U	ug/L	1.2	1.0
Allyl chloride	2.5	U	ug/L	2.5	5.0
Benzene	0.50	U	ug/L	0.50	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 (MEK)	8.4	U	ug/L	8.4	10
Carbon disulfide	1.0	U	ug/L	1.0	2.0
Carbon tetrachloride	0.42	U J3	ug/L	0.42	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0
Chlorobromomethane	0.58	U	ug/L	0.58	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	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
Chloroprene	2.5	U J3	ug/L	2.5	5.0
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
Dibromomethane	0.41	U	ug/L	0.41	1.0
Dichlorodifluoromethane	2.5	U	ug/L	2.5	5.0
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
1,3-Dichloropropane	0.39	U	ug/L	0.39	1.0
2,2-Dichloropropane	0.36	U	ug/L	0.36	1.0
1,1-Dichloropropene	0.31	U J3	ug/L	0.31	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0
Ethyl methacrylate	2.5	U	ug/L	2.5	5.0
2-Hexanone	4.4	U	ug/L	4.4	10
Iodomethane	2.5	U J3	ug/L	2.5	5.0
Isobutyl alcohol	31	U	ug/L	31	200
Methacrylonitrile	1.8	U	ug/L	1.8	100
Methylene Chloride	4.0	U	ug/L	4.0	5.0
Methyl methacrylate	2.5	U	ug/L	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	10

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-73 WACS#27754
 Lab Sample ID: 660-40511-1

Date Sampled: 04/01/2011 0939
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Propionitrile	7.2	ug/L	7.2	100	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
Trichloroethene	0.50	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	ug/L J3	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	94	%		70 - 130	
Toluene-d8 (Surr)	99	%		70 - 130	
Method: 8270C			Date Analyzed:	04/07/2011 1811	
Prep Method: 3520C			Date Prepared:	04/06/2011 1436	
Benzyl alcohol	2.8	ug/L	2.8	9.5	1.0
Bis(2-chloroethoxy)methane	1.9	ug/L	1.9	9.5	1.0
Bis(2-chloroethyl)ether	2.5	ug/L	2.5	9.5	1.0
bis(2 chloro-1-methylethyl) ether	2.0	ug/L	2.0	9.5	1.0
Bis(2-ethylhexyl) phthalate	1.2	ug/L	1.2	5.7	1.0
4-Bromophenyl phenyl ether	1.6	ug/L	1.6	9.5	1.0
Butyl benzyl phthalate	1.1	ug/L	1.1	9.5	1.0
4-Chloroaniline	2.0	ug/L	2.0	19	1.0
4-Chloro-3-methylphenol	1.6	ug/L	1.6	9.5	1.0
2-Chloronaphthalene	1.5	ug/L	1.5	9.5	1.0
2-Chlorophenol	2.0	ug/L	2.0	9.5	1.0
4-Chlorophenyl phenyl ether	1.7	ug/L	1.7	9.5	1.0
Dibenzofuran	1.5	ug/L	1.5	9.5	1.0
1,2-Dichlorobenzene	1.0	ug/L	1.0	9.5	1.0
1,3-Dichlorobenzene	1.0	ug/L	1.0	9.5	1.0
1,4-Dichlorobenzene	1.1	ug/L	1.1	9.5	1.0
3,3'-Dichlorobenzidine	1.5	ug/L	1.5	19	1.0

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-73 WACS#27754
 Lab Sample ID: 660-40511-1

Date Sampled: 04/01/2011 0939
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
2,4-Dichlorophenol	1.7	ug/L	1.7	9.5	1.0
Diethyl phthalate	2.4	ug/L	2.4	9.5	1.0
2,4-Dimethylphenol	1.7	ug/L	1.7	9.5	1.0
Dimethyl phthalate	2.4	ug/L	2.4	9.5	1.0
Di-n-butyl phthalate	2.4	ug/L	2.4	9.5	1.0
1,3-Dinitrobenzene	0.94	ug/L	0.94	9.5	1.0
4,6-Dinitro-2-methylphenol	1.4	ug/L	1.4	48	1.0
2,4-Dinitrophenol	5.9	ug/L	5.9	48	1.0
2,4-Dinitrotoluene	0.87	ug/L	0.87	9.5	1.0
2,6-Dinitrotoluene	0.69	ug/L	0.69	9.5	1.0
Di-n-octyl phthalate	2.4	ug/L	2.4	9.5	1.0
Hexachlorobenzene	1.6	ug/L	1.6	3.8	1.0
Hexachlorobutadiene	0.95	ug/L	0.95	9.5	1.0
Hexachlorocyclopentadiene	1.1	ug/L	1.1	9.5	1.0
Hexachloroethane	0.81	ug/L	0.81	9.5	1.0
Isophorone	1.3	ug/L	1.3	9.5	1.0
2-Methylphenol	2.2	ug/L	2.2	9.5	1.0
3 & 4 Methylphenol	2.3	ug/L	2.3	9.5	1.0
2-Nitroaniline	1.3	ug/L	1.3	48	1.0
3-Nitroaniline	1.1	ug/L	1.1	48	1.0
4-Nitroaniline	1.3	ug/L	1.3	48	1.0
Nitrobenzene	1.8	ug/L	1.8	9.5	1.0
2-Nitrophenol	1.1	ug/L	1.1	9.5	1.0
4-Nitrophenol	5.9	ug/L	5.9	48	1.0
N-Nitrosodimethylamine	2.3	ug/L	2.3	9.5	1.0
N-Nitrosodi-n-propylamine	1.8	ug/L	1.8	9.5	1.0
N-Nitrosodiphenylamine	1.5	ug/L	1.5	9.5	1.0
Pentachlorophenol	1.4	ug/L	1.4	14	1.0
Phenol	2.3	ug/L	2.3	3.8	1.0
2,3,4,6-Tetrachlorophenol	0.62	ug/L	0.62	9.5	1.0
1,2,4-Trichlorobenzene	1.1	ug/L	1.1	9.5	1.0
2,4,5-Trichlorophenol	2.0	ug/L	2.0	9.5	1.0
2,4,6-Trichlorophenol	1.8	ug/L	1.8	9.5	1.0
Surrogate				Acceptance Limits	
2-Fluorobiphenyl	65	%		36 - 124	
2-Fluorophenol	42	%		29 - 121	
Nitrobenzene-d5	68	%		34 - 130	
Phenol-d6 (Surr)	39	%		25 - 128	
Terphenyl-d14	16	%		14 - 148	
2,4,6-Tribromophenol	46	%		29 - 143	

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-73 WACS#27754
 Lab Sample ID: 660-40511-1

Date Sampled: 04/01/2011 0939
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8270C Run Type: RA			Date Analyzed:	04/15/2011 1752	
Prep Method: 3520C			Date Prepared:	04/06/2011 1436	
Acetophenone	1.4	U	ug/L	1.4	9.5
2-Acetylaminofluorene	0.73	U	ug/L	0.73	9.5
4-Aminobiphenyl	0.77	U	ug/L	0.77	9.5
Diallate	1.3	U	ug/L	1.3	9.5
2,6-Dichlorophenol	1.5	U	ug/L	1.5	9.5
7,12-Dimethylbenz(a)anthracene	0.88	U	ug/L	0.88	9.5
3,3'-Dimethylbenzidine	13	U	ug/L	13	19
Ethyl methanesulfonate	1.2	U	ug/L	1.2	9.5
Hexachloropropene	0.63	U	ug/L	0.63	9.5
Isosafrole	1.5	U	ug/L	1.5	9.5
Kepone	36	U	ug/L	36	48
Methapyrilene	1.0	U	ug/L	1.0	1900
3-Methylcholanthrene	0.53	U	ug/L	0.53	9.5
Methyl methanesulfonate	1.1	U	ug/L	1.1	9.5
1,4-Naphthoquinone	1.0	U	ug/L	1.0	9.5
1-Naphthylamine	0.80	U	ug/L	0.80	9.5
2-Naphthylamine	0.95	U	ug/L	0.95	9.5
N-Nitro-o-toluidine	0.86	U	ug/L	0.86	9.5
N-Nitrosodiethylamine	1.4	U	ug/L	1.4	9.5
N-Nitrosodi-n-butylamine	1.4	U	ug/L	1.4	9.5
N-Nitrosomethylethylamine	1.5	U	ug/L	1.5	9.5
N-Nitrosopiperidine	0.83	U	ug/L	0.83	9.5
N-Nitrosopyrrolidine	1.1	U	ug/L	1.1	9.5
o,o",o"-Triethylphosphorothioate	1.7	U	ug/L	1.7	9.5
p-Dimethylamino azobenzene	0.64	U	ug/L	0.64	9.5
Pentachlorobenzene	0.94	U	ug/L	0.94	9.5
Pentachloronitrobenzene	1.4	U	ug/L	1.4	9.5
Phenacetin	0.80	U	ug/L	0.80	9.5
p-Phenylenediamine	3.0	U	ug/L	3.0	1900
Pronamide	0.67	U	ug/L	0.67	9.5
Safrole, Total	1.1	U	ug/L	1.1	9.5
1,2,4,5-Tetrachlorobenzene	1.0	U	ug/L	1.0	9.5
2-Toluidine	1.1	U	ug/L	1.1	9.5
1,3,5-Trinitrobenzene	0.58	U	ug/L	0.58	9.5
Method: Total Recoverable-6010B			Date Analyzed:	04/06/2011 1202	
Prep Method: 3005A			Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10
Cadmium	1.0	U	ug/L	1.0	4.0
Chromium	3.5	I	ug/L	2.0	10

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Hillsborough County
Public Utilities Dept
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2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-73 WACS#27754
Lab Sample ID: 660-40511-1

Date Sampled: 04/01/2011 0939
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Iron	14000	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	29	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	04/04/2011 2113	
Chloride	68	mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed:	04/06/2011 1354	
Ammonia as N	1.7 J3	mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-73 WACS#27754
Lab Sample ID: 660-40511-1

Date Sampled: 04/01/2011 0939
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/01/2011 0939	
Field pH	5.53	SU			1.0
Field Temperature	25.89	Degrees C			1.0
Oxygen, Dissolved	0.78	mg/L			1.0
Specific Conductance	366	umhos/cm			1.0
Turbidity	19.8	NTU			1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-73 WACS#27754
Lab Sample ID: 660-40511-1

Date Sampled: 04/01/2011 0939
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	160	mg/L	5.0	5.0	1.0

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: Blank, Equipment
 Lab Sample ID: 660-40511-2

Date Sampled: 03/31/2011 1015
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B				Date Analyzed:	04/05/2011 1227	
Prep Method: 5030B				Date Prepared:	04/05/2011 1227	
Acetone	9.9	U	ug/L	9.9	20	1.0
Acetonitrile	20	U	ug/L	20	20	1.0
Acrolein	3.8	U J3	ug/L	3.8	5.0	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	1.0
Allyl chloride	2.5	U	ug/L	2.5	5.0	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone (MEK)	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	1.0	U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chlorobromomethane	0.58	U	ug/L	0.58	1.0	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
Chloroprene	2.5	U	ug/L	2.5	5.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
Dichlorodifluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
1,3-Dichloropropane	0.39	U	ug/L	0.39	1.0	1.0
2,2-Dichloropropane	0.36	U	ug/L	0.36	1.0	1.0
1,1-Dichloropropene	0.31	U	ug/L	0.31	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
Ethyl methacrylate	2.5	U	ug/L	2.5	5.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Isobutyl alcohol	31	U	ug/L	31	200	1.0
Methacrylonitrile	1.8	U	ug/L	1.8	100	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
Methyl methacrylate	2.5	U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	10	1.0

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: Blank, Equipment
 Lab Sample ID: 660-40511-2

Date Sampled: 03/31/2011 1015
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Propionitrile	7.2	ug/L	7.2	100	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
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	70 - 130
Dibromofluoromethane	70 - 130
Toluene-d8 (Surr)	70 - 130

Method: 8270C	Date Analyzed:	04/07/2011 1832
Prep Method: 3520C	Date Prepared:	04/06/2011 1436
Benzyl alcohol	2.8	ug/L
Bis(2-chloroethoxy)methane	2.0	ug/L
Bis(2-chloroethyl)ether	2.5	ug/L
bis(2 chloro-1-methylethyl) ether	2.1	ug/L
Bis(2-ethylhexyl) phthalate	1.3	ug/L
4-Bromophenyl phenyl ether	1.7	ug/L
Butyl benzyl phthalate	1.2	ug/L
4-Chloroaniline	2.1	ug/L
4-Chloro-3-methylphenol	1.7	ug/L
2-Chloronaphthalene	1.6	ug/L
2-Chlorophenol	2.1	ug/L
4-Chlorophenyl phenyl ether	1.8	ug/L
Dibenzofuran	1.6	ug/L
1,2-Dichlorobenzene	1.1	ug/L
1,3-Dichlorobenzene	1.1	ug/L
1,4-Dichlorobenzene	1.2	ug/L
3,3'-Dichlorobenzidine	1.6	ug/L

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: Blank, Equipment
 Lab Sample ID: 660-40511-2

Date Sampled: 03/31/2011 1015
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
2,4-Dichlorophenol	1.8	ug/L	1.8	9.8	1.0
Diethyl phthalate	2.5	ug/L	2.5	9.8	1.0
2,4-Dimethylphenol	1.8	ug/L	1.8	9.8	1.0
Dimethyl phthalate	2.5	ug/L	2.5	9.8	1.0
Di-n-butyl phthalate	2.5	ug/L	2.5	9.8	1.0
1,3-Dinitrobenzene	0.97	ug/L	0.97	9.8	1.0
4,6-Dinitro-2-methylphenol	1.5	ug/L	1.5	49	1.0
2,4-Dinitrophenol	6.1	ug/L	6.1	49	1.0
2,4-Dinitrotoluene	0.89	ug/L	0.89	9.8	1.0
2,6-Dinitrotoluene	0.71	ug/L	0.71	9.8	1.0
Di-n-octyl phthalate	2.5	ug/L	2.5	9.8	1.0
Hexachlorobenzene	1.7	ug/L	1.7	3.9	1.0
Hexachlorobutadiene	0.98	ug/L	0.98	9.8	1.0
Hexachlorocyclopentadiene	1.2	ug/L	1.2	9.8	1.0
Hexachloroethane	0.83	ug/L	0.83	9.8	1.0
Isophorone	1.4	ug/L	1.4	9.8	1.0
2-Methylphenol	2.3	ug/L	2.3	9.8	1.0
3 & 4 Methylphenol	2.4	ug/L	2.4	9.8	1.0
2-Nitroaniline	1.4	ug/L	1.4	49	1.0
3-Nitroaniline	1.2	ug/L	1.2	49	1.0
4-Nitroaniline	1.4	ug/L	1.4	49	1.0
Nitrobenzene	1.9	ug/L	1.9	9.8	1.0
2-Nitrophenol	1.2	ug/L	1.2	9.8	1.0
4-Nitrophenol	6.1	ug/L	6.1	49	1.0
N-Nitrosodimethylamine	2.4	ug/L	2.4	9.8	1.0
N-Nitrosodi-n-propylamine	1.9	ug/L	1.9	9.8	1.0
N-Nitrosodiphenylamine	1.6	ug/L	1.6	9.8	1.0
Pentachlorophenol	1.5	ug/L	1.5	15	1.0
Phenol	2.4	ug/L	2.4	3.9	1.0
2,3,4,6-Tetrachlorophenol	0.64	ug/L	0.64	9.8	1.0
1,2,4-Trichlorobenzene	1.2	ug/L	1.2	9.8	1.0
2,4,5-Trichlorophenol	2.1	ug/L	2.1	9.8	1.0
2,4,6-Trichlorophenol	1.9	ug/L	1.9	9.8	1.0
Surrogate				Acceptance Limits	
2-Fluorobiphenyl	73	%		36 - 124	
2-Fluorophenol	61	%		29 - 121	
Nitrobenzene-d5	75	%		34 - 130	
Phenol-d6 (Surr)	56	%		25 - 128	
Terphenyl-d14	64	%		14 - 148	
2,4,6-Tribromophenol	76	%		29 - 143	

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 Hillsborough County
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 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: Blank, Equipment
 Lab Sample ID: 660-40511-2

Date Sampled: 03/31/2011 1015
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8270C Run Type: RA			Date Analyzed:	04/15/2011 1817	
Prep Method: 3520C			Date Prepared:	04/06/2011 1436	
Acetophenone	1.5	U	ug/L	1.5	9.8
2-Acetylaminofluorene	0.75	U	ug/L	0.75	9.8
4-Aminobiphenyl	0.79	U	ug/L	0.79	9.8
Diallate	1.4	U	ug/L	1.4	9.8
2,6-Dichlorophenol	1.6	U	ug/L	1.6	9.8
7,12-Dimethylbenz(a)anthracene	0.90	U	ug/L	0.90	9.8
3,3'-Dimethylbenzidine	14	U	ug/L	14	20
Ethyl methanesulfonate	1.3	U	ug/L	1.3	9.8
Hexachloropropene	0.65	U	ug/L	0.65	9.8
Isosafrole	1.6	U	ug/L	1.6	9.8
Kepone	37	U	ug/L	37	49
Methapyrilene	1.1	U	ug/L	1.1	2000
3-Methylcholanthrene	0.55	U	ug/L	0.55	9.8
Methyl methanesulfonate	1.2	U	ug/L	1.2	9.8
1,4-Naphthoquinone	1.1	U	ug/L	1.1	9.8
1-Naphthylamine	0.82	U	ug/L	0.82	9.8
2-Naphthylamine	0.98	U	ug/L	0.98	9.8
N-Nitro-o-toluidine	0.88	U	ug/L	0.88	9.8
N-Nitrosodiethylamine	1.5	U	ug/L	1.5	9.8
N-Nitrosodi-n-butylamine	1.5	U	ug/L	1.5	9.8
N-Nitrosomethylalkylamine	1.6	U	ug/L	1.6	9.8
N-Nitrosopiperidine	0.85	U	ug/L	0.85	9.8
N-Nitrosopyrrolidine	1.2	U	ug/L	1.2	9.8
o,o',o"-Triethylphosphorothioate	1.8	U	ug/L	1.8	9.8
p-Dimethylamino azobenzene	0.66	U	ug/L	0.66	9.8
Pentachlorobenzene	0.97	U	ug/L	0.97	9.8
Pentachloronitrobenzene	1.5	U	ug/L	1.5	9.8
Phenacetin	0.82	U	ug/L	0.82	9.8
p-Phenylenediamine	3.0	U	ug/L	3.0	2000
Pronamide	0.69	U	ug/L	0.69	9.8
Safrole, Total	1.2	U	ug/L	1.2	9.8
1,2,4,5-Tetrachlorobenzene	1.1	U	ug/L	1.1	9.8
2-Toluidine	1.2	U	ug/L	1.2	9.8
1,3,5-Trinitrobenzene	0.60	U	ug/L	0.60	9.8
Method: Total Recoverable-6010B			Date Analyzed:	04/06/2011 1206	
Prep Method: 3005A			Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10
Cadmium	1.0	U	ug/L	1.0	4.0
Chromium	2.0	U	ug/L	2.0	10

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: Blank, Equipment
Lab Sample ID: 660-40511-2

Date Sampled: 03/31/2011 1015
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	0.31	U	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 04/04/2011 1313			
Chloride	0.20	U	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 04/06/2011 1357			
Ammonia as N	0.099		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
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Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: Blank, Equipment
Lab Sample ID: 660-40511-2

Date Sampled: 03/31/2011 1015
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	04/04/2011 1430	
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-40 WACS# 822
 Lab Sample ID: 660-40511-3

Date Sampled: 03/31/2011 1032
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/06/2011 1209	
Prep Method: 3005A				Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	3.0	I	ug/L	2.0	10	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/04/2011 1339	
Chloride	7.8		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/06/2011 1358	
Ammonia as N	0.26		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40511-3

Date Sampled: 03/31/2011 1032
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	03/31/2011 1032	
Field pH	7.60	SU			1.0
Field Temperature	23.33	Degrees C			1.0
Oxygen, Dissolved	0.52	mg/L			1.0
Specific Conductance	355	umhos/cm			1.0
Turbidity	0.3	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40511-3

Date Sampled: 03/31/2011 1032
Date Received: 04/01/2011 1328
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

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40511-4

Date Sampled: 04/01/2011 0949
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/06/2011 1213	
Prep Method: 3005A				Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	240		ug/L	50	200	1.0
Lead	4.2	I	ug/L	2.0	10	1.0
Sodium	59		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/04/2011 2140	
Chloride	110		mg/L	2.0	5.0	10
Method: 350.1				Date Analyzed:	04/06/2011 1359	
Ammonia as N	2.0		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40511-4

Date Sampled: 04/01/2011 0949
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/01/2011 0949	
Field pH	7.41	SU			1.0
Field Temperature	22.80	Degrees C			1.0
Oxygen, Dissolved	0.16	mg/L			1.0
Specific Conductance	928	umhos/cm			1.0
Turbidity	3.6	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40511-4

Date Sampled: 04/01/2011 0949
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	520	Date Analyzed: mg/L	04/04/2011 1431 5.0	5.0	1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: Duplicate
Lab Sample ID: 660-40511-5

Date Sampled: 03/31/2011 0000
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	04/06/2011 1216	
Prep Method: 3005A			Date Prepared:	04/05/2011 1307	
Arsenic	4.0	ug/L	4.0	10	1.0
Cadmium	1.0	ug/L	1.0	4.0	1.0
Chromium	2.0	ug/L	2.0	10	1.0
Iron	50	ug/L	50	200	1.0
Lead	2.6	ug/L	2.0	10	1.0
Sodium	14	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	04/04/2011 1433	
Chloride	8.0	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	04/06/2011 1401	
Ammonia as N	0.28	mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: Duplicate
Lab Sample ID: 660-40511-5

Date Sampled: 03/31/2011 0000
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	240	Date Analyzed: mg/L	04/04/2011 1432 5.0	5.0	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40511-6

Date Sampled: 04/01/2011 1139
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/06/2011 1219	
Prep Method: 3005A				Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	8.7		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/04/2011 1459	
Chloride	9.4		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/06/2011 1402	
Ammonia as N	0.11		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40511-6

Date Sampled: 04/01/2011 1139
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/01/2011 1139	
Field pH	7.69	SU			1.0
Field Temperature	24.31	Degrees C			1.0
Oxygen, Dissolved	0.05	mg/L			1.0
Specific Conductance	372	umhos/cm			1.0
Turbidity	0.0	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40511-6

Date Sampled: 04/01/2011 1139
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	210	Date Analyzed: mg/L	04/04/2011 1432 5.0	5.0	1.0

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-42 WACS# 823
 Lab Sample ID: 660-40511-7

Date Sampled: 03/31/2011 1143
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/06/2011 1229	
Prep Method: 3005A				Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	8.2	I	ug/L	2.0	10	1.0
Iron	940		ug/L	50	200	1.0
Lead	18		ug/L	2.0	10	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/04/2011 1526	
Chloride	19		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/06/2011 1403	
Ammonia as N	0.16		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40511-7

Date Sampled: 03/31/2011 1143
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	03/31/2011 1143	
Field pH	7.35	SU			1.0
Field Temperature	23.39	Degrees C			1.0
Oxygen, Dissolved	0.70	mg/L			1.0
Specific Conductance	471	umhos/cm			1.0
Turbidity	19.5	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40511-7

Date Sampled: 03/31/2011 1143
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	320	Date Analyzed: mg/L	04/06/2011 1413 5.0	5.0	1.0

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-19 WACS# 821
 Lab Sample ID: 660-40511-8

Date Sampled: 03/31/2011 1100
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/06/2011 1232	
Prep Method: 3005A				Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	14		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/04/2011 1553	
Chloride	8.8		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/06/2011 1404	
Ammonia as N	0.19		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-40511-8

Date Sampled: 03/31/2011 1100
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	03/31/2011 1100	
Field pH	7.48	SU			1.0
Field Temperature	23.09	Degrees C			1.0
Oxygen, Dissolved	1.30	mg/L			1.0
Specific Conductance	377	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-40511-8

Date Sampled: 03/31/2011 1100
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	240	mg/L	5.0	5.0	1.0

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-30 WACS# 1065
 Lab Sample ID: 660-40511-9

Date Sampled: 04/01/2011 1017
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/06/2011 1236	
Prep Method: 3005A				Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	I	ug/L	2.0	10	1.0
Iron	210		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	20		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/05/2011 1832	
Chloride	58		mg/L	0.40	1.0	2.0
Method: 350.1				Date Analyzed:	04/06/2011 1405	
Ammonia as N	0.80		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40511-9

Date Sampled: 04/01/2011 1017
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/01/2011 1017	
Field pH	4.68	SU			1.0
Field Temperature	23.56	Degrees C			1.0
Oxygen, Dissolved	0.14	mg/L			1.0
Specific Conductance	252	umhos/cm			1.0
Turbidity	2.8	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40511-9

Date Sampled: 04/01/2011 1017
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	140	mg/L	Date Analyzed: 04/06/2011 1415 5.0	5.0	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
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Job Number: 660-40511-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40511-10

Date Sampled: 04/01/2011 1214
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/06/2011 1239	
Prep Method: 3005A				Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	5.4	I	ug/L	2.0	10	1.0
Sodium	8.7		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/04/2011 1646	
Chloride	9.3		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/06/2011 1406	
Ammonia as N	0.15		mg/L	0.010	0.020	1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
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Job Number: 660-40511-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40511-10

Date Sampled: 04/01/2011 1214
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/01/2011 1214	
Field pH	7.69	SU			1.0
Field Temperature	24.31	Degrees C			1.0
Oxygen, Dissolved	0.06	mg/L			1.0
Specific Conductance	370	umhos/cm			1.0
Turbidity	0.4	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40511-10

Date Sampled: 04/01/2011 1214
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	200	Date Analyzed: mg/L	04/06/2011 1415 5.0	5.0	1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
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Job Number: 660-40511-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-40511-11

Date Sampled: 04/01/2011 1100
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/06/2011 1243	
Prep Method: 3005A				Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	3100		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	18		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/04/2011 1900	
Chloride	45		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/06/2011 1410	
Ammonia as N	0.72	J3	mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-40511-11

Date Sampled: 04/01/2011 1100
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/01/2011 1100	
Field pH	5.31	SU			1.0
Field Temperature	25.75	Degrees C			1.0
Oxygen, Dissolved	0.79	mg/L			1.0
Specific Conductance	231	umhos/cm			1.0
Turbidity	4.8	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-40511-11

Date Sampled: 04/01/2011 1100
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	120	Date Analyzed: mg/L	04/06/2011 1416 5.0	5.0	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40511-12

Date Sampled: 04/01/2011 1119
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/06/2011 1246	
Prep Method: 3005A				Date Prepared:	04/05/2011 1307	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	460		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	11		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/04/2011 1926	
Chloride	35	J3	mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/06/2011 1414	
Ammonia as N	0.70		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40511-12

Date Sampled: 04/01/2011 1119
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/01/2011 1119	
Field pH	5.20	SU			1.0
Field Temperature	25.60	Degrees C			1.0
Oxygen, Dissolved	0.22	mg/L			1.0
Specific Conductance	176	umhos/cm			1.0
Turbidity	0.9	NTU			1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40511-12

Date Sampled: 04/01/2011 1119
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	92	Date Analyzed: mg/L	04/06/2011 1416 5.0	5.0	1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
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Job Number: 660-40511-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40511-13

Date Sampled: 04/01/2011 1038
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	04/06/2011 1249	
Prep Method: 3005A			Date Prepared:	04/05/2011 1307	
Arsenic	24	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	1.0
Chromium	2.2	I	ug/L	2.0	1.0
Iron	4200		ug/L	50	200
Lead	2.0	U	ug/L	2.0	1.0
Sodium	17		mg/L	0.31	0.50
Method: 300.0			Date Analyzed:	04/05/2011 1408	
Chloride	56		mg/L	0.40	1.0
Method: 350.1			Date Analyzed:	04/06/2011 1415	
Ammonia as N	0.73		mg/L	0.010	0.020

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40511-13

Date Sampled: 04/01/2011 1038
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/01/2011 1038	
Field pH	5.80	SU			1.0
Field Temperature	25.23	Degrees C			1.0
Oxygen, Dissolved	0.37	mg/L			1.0
Specific Conductance	504	umhos/cm			1.0
Turbidity	0.8	NTU			1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40511-13

Date Sampled: 04/01/2011 1038
Date Received: 04/01/2011 1328
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	270	Date Analyzed: mg/L	04/06/2011 1417 5.0	5.0	1.0

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: Blank, Travel
 Lab Sample ID: 660-40511-14

Date Sampled: 03/31/2011 1005
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	04/05/2011 1249	
Prep Method: 5030B			Date Prepared:	04/05/2011 1249	
Acetone	9.9	U	ug/L	9.9	20
Acetonitrile	20	U	ug/L	20	20
Acrolein	3.8	U J3	ug/L	3.8	5.0
Acrylonitrile	1.2	U	ug/L	1.2	10
Allyl chloride	2.5	U	ug/L	2.5	5.0
Benzene	0.50	U	ug/L	0.50	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 (MEK)	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
Chlorobromomethane	0.58	U	ug/L	0.58	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	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
Chloroprene	2.5	U	ug/L	2.5	5.0
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
Dibromomethane	0.41	U	ug/L	0.41	1.0
Dichlorodifluoromethane	2.5	U	ug/L	2.5	5.0
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
1,3-Dichloropropane	0.39	U	ug/L	0.39	1.0
2,2-Dichloropropane	0.36	U	ug/L	0.36	1.0
1,1-Dichloropropene	0.31	U	ug/L	0.31	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0
Ethyl methacrylate	2.5	U	ug/L	2.5	5.0
2-Hexanone	4.4	U	ug/L	4.4	10
Iodomethane	2.5	U	ug/L	2.5	5.0
Isobutyl alcohol	31	U	ug/L	31	200
Methacrylonitrile	1.8	U	ug/L	1.8	100
Methylene Chloride	4.0	U	ug/L	4.0	5.0
Methyl methacrylate	2.5	U	ug/L	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	10

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 Tampa, FL 33619

Job Number: 660-40511-1

Client Sample ID: Blank, Travel
 Lab Sample ID: 660-40511-14

Date Sampled: 03/31/2011 1005
 Date Received: 04/01/2011 1328
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Propionitrile	7.2	ug/L	7.2	100	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
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	92	%		70 - 130	
Toluene-d8 (Surr)	98	%		70 - 130	
Acceptance Limits					

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-40511-1

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108521

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 660-108521/4	Analysis Batch:	660-108521	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD0506.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2011 0826	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/05/2011 0826				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acetonitrile	20	U	20	20
Acrolein	3.8	U	3.8	5.0
Acrylonitrile	1.2	U	1.2	10
Allyl chloride	2.5	U	2.5	5.0
Benzene	0.50	U	0.50	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 (MEK)	8.4	U	8.4	10
Carbon disulfide	1.0	U	1.0	2.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
Chloroprene	2.5	U	2.5	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
Ethylbenzene	0.44	U	0.44	1.0
Ethyl methacrylate	2.5	U	2.5	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Isobutyl alcohol	31	U	31	200
Methacrylonitrile	1.8	U	1.8	100
Methylene Chloride	4.0	U	4.0	5.0
Methyl methacrylate	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Propionitrile	7.2	U	7.2	100
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

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108521**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	MB 660-108521/4	Analysis Batch:	660-108521	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD0506.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2011 0826	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/05/2011 0826				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
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

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	99	70 - 130
Dibromofluoromethane	95	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Lab Control Sample - Batch: 660-108521**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	LCS 660-108521/3	Analysis Batch:	660-108521	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD0504.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2011 0732	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/05/2011 0732				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	53.3	133	62 - 142	
Acetonitrile	400	378	95	70 - 130	
Acrolein	100	154	154	54 - 145	
Acrylonitrile	40.0	43.2	108	59 - 146	
Allyl chloride	40.0	45.3	113	70 - 130	
Benzene	20.0	20.6	103	68 - 134	
Bromodichloromethane	20.0	20.0	100	70 - 130	
Bromoform	20.0	16.9	85	65 - 130	
Bromomethane	20.0	17.1	86	22 - 150	
2-Butanone (MEK)	40.0	46.0	115	63 - 140	
Carbon disulfide	40.0	39.0	98	30 - 150	
Carbon tetrachloride	20.0	19.5	97	61 - 134	
Chlorobenzene	20.0	20.5	103	70 - 130	
Chlorobromomethane	20.0	19.9	100	70 - 130	
Chlorodibromomethane	20.0	19.8	99	70 - 130	
Chloroethane	20.0	24.0	120	39 - 150	
Chloroform	20.0	20.0	100	68 - 130	
Chloromethane	20.0	19.1	96	35 - 150	
Chloroprene	20.0	22.0	110	70 - 130	
cis-1,2-Dichloroethene	20.0	20.3	102	66 - 130	
cis-1,3-Dichloropropene	20.0	19.8	99	70 - 130	
Dibromomethane	20.0	20.6	103	70 - 130	
Dichlorodifluoromethane	20.0	17.7	88	16 - 149	
1,1-Dichloroethane	20.0	20.1	100	66 - 130	
1,2-Dichloroethane	20.0	18.7	93	70 - 130	
1,1-Dichloroethylene	20.0	19.2	96	51 - 150	
1,2-Dichloropropane	20.0	21.1	106	70 - 130	
1,3-Dichloropropane	20.0	20.7	104	70 - 130	
2,2-Dichloropropane	20.0	19.8	99	66 - 134	
1,1-Dichloropropene	20.0	20.1	101	65 - 136	
Ethylbenzene	20.0	21.1	105	70 - 130	
Ethyl methacrylate	40.0	43.1	108	70 - 130	
2-Hexanone	40.0	42.3	106	60 - 148	
Iodomethane	40.0	36.7	92	70 - 130	
Isobutyl alcohol	400	368	92	70 - 130	
Methacrylonitrile	40.0	41.9	105	70 - 130	I
Methylene Chloride	20.0	19.1	96	57 - 130	
Methyl methacrylate	40.0	38.3	96	70 - 130	
4-Methyl-2-pentanone (MIBK)	40.0	42.6	107	64 - 137	
Propionitrile	40.0	40.1	100	70 - 130	I
Styrene	20.0	19.3	96	68 - 131	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Lab Control Sample - Batch: 660-108521**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	LCS 660-108521/3	Analysis Batch:	660-108521	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD0504.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2011 0732	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/05/2011 0732				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	20.0	19.9	99	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	20.1	101	70 - 130	
Tetrachloroethene	20.0	21.1	105	50 - 143	
Toluene	20.0	20.6	103	70 - 131	
trans-1,4-Dichloro-2-butene	40.0	37.7	94	70 - 130	
trans-1,2-Dichloroethene	20.0	19.5	98	62 - 139	
trans-1,3-Dichloropropene	20.0	19.5	98	67 - 130	
1,1,1-Trichloroethane	20.0	19.5	97	63 - 132	
1,1,2-Trichloroethane	20.0	20.1	100	70 - 130	
Trichloroethene	20.0	20.2	101	63 - 139	
Trichlorofluoromethane	20.0	23.0	115	62 - 146	
1,2,3-Trichloropropane	20.0	21.2	106	66 - 130	
Vinyl acetate	20.0	20.5	103	31 - 146	
Vinyl chloride	20.0	21.6	108	48 - 147	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Matrix Spike - Batch: 660-108521

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-40511-1
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/05/2011 1004
 Prep Date: 04/05/2011 1004
 Leach Date: N/A

Analysis Batch: 660-108521
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: BVMG5973
 Lab File ID: 1GD0510.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	40.0	36.0	90	62 - 142
Acetonitrile	20	U	400	350	87	70 - 130
Acrolein	3.8	U	100	147	147	54 - 145
Acrylonitrile	1.2	U	40.0	41.5	104	59 - 146
Allyl chloride	2.5	U	40.0	33.1	83	70 - 130
Benzene	0.50	U	20.0	16.6	83	68 - 134
Bromodichloromethane	0.35	U	20.0	18.3	91	70 - 130
Bromoform	0.58	U	20.0	15.8	79	65 - 130
Bromomethane	2.5	U	20.0	14.5	72	22 - 150
2-Butanone (MEK)	8.4	U	40.0	39.0	98	63 - 140
Carbon disulfide	1.0	U	40.0	24.2	61	30 - 150
Carbon tetrachloride	0.42	U	20.0	11.4	57	61 - 134
Chlorobenzene	0.63	U	20.0	18.3	91	70 - 130
Chlorobromomethane	0.58	U	20.0	18.3	92	70 - 130
Chlorodibromomethane	0.34	U	20.0	18.2	91	70 - 130
Chloroethane	2.5	U	20.0	15.7	78	39 - 150
Chloroform	0.90	U	20.0	17.0	85	68 - 130
Chloromethane	1.0	U	20.0	13.0	65	35 - 150
Chloroprene	2.5	U	20.0	13.6	68	70 - 130
cis-1,2-Dichloroethene	0.65	U	20.0	16.7	83	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	18.5	93	70 - 130
Dibromomethane	0.41	U	20.0	19.2	96	70 - 130
Dichlorodifluoromethane	2.5	U	20.0	7.70	39	16 - 149
1,1-Dichloroethane	0.52	U	20.0	16.1	80	66 - 130
1,2-Dichloroethane	0.57	U	20.0	17.3	86	70 - 130
1,1-Dichloroethene	0.45	U	20.0	11.1	55	51 - 150
1,2-Dichloropropane	0.52	U	20.0	19.3	97	70 - 130
1,3-Dichloropropane	0.39	U	20.0	19.8	99	70 - 130
2,2-Dichloropropane	0.36	U	20.0	13.2	66	66 - 134
1,1-Dichloropropene	0.31	U	20.0	12.5	63	65 - 136
Ethylbenzene	0.44	U	20.0	16.3	82	70 - 130
Ethyl methacrylate	2.5	U	40.0	41.0	102	70 - 130
2-Hexanone	4.4	U	40.0	35.9	90	60 - 148
Iodomethane	2.5	U	40.0	22.9	57	70 - 130
Isobutyl alcohol	31	U	400	376	94	70 - 130
Methacrylonitrile	1.8	U	40.0	40.3	101	70 - 130
Methylene Chloride	4.0	U	20.0	17.1	85	57 - 130
Methyl methacrylate	2.5	U	40.0	37.4	94	70 - 130
4-Methyl-2-pentanone (MIBK)	3.8	U	40.0	40.9	102	64 - 137
Propionitrile	7.2	U	40.0	42.4	106	70 - 130
Styrene	0.98	U	20.0	17.2	86	68 - 131

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Matrix Spike - Batch: 660-108521**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	660-40511-1	Analysis Batch:	660-108521	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD0510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2011 1004	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/05/2011 1004				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	0.63	U	20.0	18.0	90	70 - 130
1,1,2,2-Tetrachloroethane	0.15	U	20.0	19.6	98	70 - 130
Tetrachloroethene	0.50	U	20.0	14.2	71	50 - 143
Toluene	0.51	U	20.0	16.3	82	70 - 131
trans-1,4-Dichloro-2-butene	2.5	U	40.0	37.0	93	70 - 130
trans-1,2-Dichloroethene	0.44	U	20.0	14.2	71	62 - 139
trans-1,3-Dichloropropene	0.14	U	20.0	18.5	92	67 - 130
1,1,1-Trichloroethane	0.46	U	20.0	12.5	63	63 - 132
1,1,2-Trichloroethane	0.47	U	20.0	19.6	98	70 - 130
Trichloroethene	0.50	U	20.0	14.5	73	63 - 139
Trichlorofluoromethane	2.5	U	20.0	11.4	57	62 - 146
1,2,3-Trichloropropane	0.18	U	20.0	20.0	100	66 - 130
Vinyl acetate	1.5	U	20.0	18.8	94	31 - 146
Vinyl chloride	0.50	U	20.0	11.4	57	48 - 147

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Duplicate - Batch: 660-108521

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

Lab Sample ID:	660-40511-1	Analysis Batch:	660-108521	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD0509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2011 0941	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/05/2011 0941				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual	
Acetone	9.9	U	9.9	NC	30	U
Acetonitrile	20	U	20	NC	30	U
Acrolein	3.8	U	3.8	NC	30	U J3
Acrylonitrile	1.2	U	1.2	NC	30	U
Allyl chloride	2.5	U	2.5	NC	30	U
Benzene	0.50	U	0.50	NC	30	U
Bromodichloromethane	0.35	U	0.35	NC	30	U
Bromoform	0.58	U	0.58	NC	30	U
Bromomethane	2.5	U	2.5	NC	30	U
2-Butanone (MEK)	8.4	U	8.4	NC	30	U
Carbon disulfide	1.0	U	1.0	NC	30	U
Carbon tetrachloride	0.42	U	0.42	NC	30	U
Chlorobenzene	0.63	U	0.63	NC	30	U
Chlorobromomethane	0.58	U	0.58	NC	30	U
Chlorodibromomethane	0.34	U	0.34	NC	30	U
Chloroethane	2.5	U	2.5	NC	30	U
Chloroform	0.90	U	0.90	NC	30	U
Chloromethane	1.0	U	1.0	NC	30	U
Chloroprene	2.5	U	2.5	NC	30	U
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30	U
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
Dibromomethane	0.41	U	0.41	NC	30	U
Dichlorodifluoromethane	2.5	U	2.5	NC	30	U
1,1-Dichloroethane	0.52	U	0.52	NC	30	U
1,2-Dichloroethane	0.57	U	0.57	NC	30	U
1,1-Dichloroethene	0.45	U	0.45	NC	30	U
1,2-Dichloropropane	0.52	U	0.52	NC	30	U
1,3-Dichloropropane	0.39	U	0.39	NC	30	U
2,2-Dichloropropane	0.36	U	0.36	NC	30	U
1,1-Dichloropropene	0.31	U	0.31	NC	30	U
Ethylbenzene	0.44	U	0.44	NC	30	U
Ethyl methacrylate	2.5	U	2.5	NC	30	U
2-Hexanone	4.4	U	4.4	NC	30	U
Iodomethane	2.5	U	2.5	NC	30	U
Isobutyl alcohol	31	U	31	NC	30	U
Methacrylonitrile	1.8	U	1.8	NC	30	U
Methylene Chloride	4.0	U	4.0	NC	30	U
Methyl methacrylate	2.5	U	2.5	NC	30	U
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30	U
Propionitrile	7.2	U	7.2	NC	30	U
Styrene	0.98	U	0.98	NC	30	U

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Duplicate - Batch: 660-108521**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	660-40511-1	Analysis Batch:	660-108521	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD0509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2011 0941	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/05/2011 0941				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual	
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U
Trichloroethene	0.50	U	0.50	NC	30	U
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropane	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108603

Method: 8270C Preparation: 3520C

Lab Sample ID:	MB 660-108603/1-A	Analysis Batch:	660-108678	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108603	Lab File ID:	1CD07021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	04/07/2011 1526	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/06/2011 1335			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Benzyl alcohol	2.9	U	2.9	10
Bis(2-chloroethoxy)methane	2.0	U	2.0	10
Bis(2-chloroethyl)ether	2.6	U	2.6	10
bis(2 chloro-1-methylethyl) ether	2.1	U	2.1	10
Bis(2-ethylhexyl) phthalate	1.3	U	1.3	6.0
4-Bromophenyl phenyl ether	1.7	U	1.7	10
Butyl benzyl phthalate	1.2	U	1.2	10
4-Chloroaniline	2.1	U	2.1	20
4-Chloro-3-methylphenol	1.7	U	1.7	10
2-Chloronaphthalene	1.6	U	1.6	10
2-Chlorophenol	2.1	U	2.1	10
4-Chlorophenyl phenyl ether	1.8	U	1.8	10
Dibenzofuran	1.6	U	1.6	10
1,2-Dichlorobenzene	1.1	U	1.1	10
1,3-Dichlorobenzene	1.1	U	1.1	10
1,4-Dichlorobenzene	1.2	U	1.2	10
3,3'-Dichlorobenzidine	1.6	U	1.6	20
2,4-Dichlorophenol	1.8	U	1.8	10
Diethyl phthalate	2.5	U	2.5	10
2,4-Dimethylphenol	1.8	U	1.8	10
Dimethyl phthalate	2.5	U	2.5	10
Di-n-butyl phthalate	2.5	U	2.5	10
1,3-Dinitrobenzene	0.99	U	0.99	10
4,6-Dinitro-2-methylphenol	1.5	U	1.5	50
2,4-Dinitrophenol	6.2	U	6.2	50
2,4-Dinitrotoluene	0.91	U	0.91	10
2,6-Dinitrotoluene	0.72	U	0.72	10
Di-n-octyl phthalate	2.5	U	2.5	10
Hexachlorobenzene	1.7	U	1.7	4.0
Hexachlorobutadiene	1.0	U	1.0	10
Hexachlorocyclopentadiene	1.2	U	1.2	10
Hexachloroethane	0.85	U	0.85	10
Isophorone	1.4	U	1.4	10
2-Methylphenol	2.3	U	2.3	10
3 & 4 Methylphenol	2.4	U	2.4	10
2-Nitroaniline	1.4	U	1.4	50
3-Nitroaniline	1.2	U	1.2	50
4-Nitroaniline	1.4	U	1.4	50
Nitrobenzene	1.9	U	1.9	10
2-Nitrophenol	1.2	U	1.2	10
4-Nitrophenol	6.2	U	6.2	50
N-Nitrosodimethylamine	2.4	U	2.4	10
N-Nitrosodi-n-propylamine	1.9	U	1.9	10
N-Nitrosodiphenylamine	1.6	U	1.6	10
Pentachlorophenol	1.5	U	1.5	15

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108603

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 660-108603/1-A	Analysis Batch:	660-108678	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108603	Lab File ID:	1CD07021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	04/07/2011 1526	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/06/2011 1335			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Phenol	2.4	U	2.4	4.0
2,3,4,6-Tetrachlorophenol	0.65	U	0.65	10
1,2,4-Trichlorobenzene	1.2	U	1.2	10
2,4,5-Trichlorophenol	2.1	U	2.1	10
2,4,6-Trichlorophenol	1.9	U	1.9	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	67	36 - 124
2-Fluorophenol	52	29 - 121
Nitrobenzene-d5	67	34 - 130
Phenol-d6 (Sur)	46	25 - 128
Terphenyl-d14	51	14 - 148
2,4,6-Tribromophenol	65	29 - 143

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108603

Method: 8270C

Preparation: 3520C

Lab Sample ID:	MB 660-108603/1-ARA	Analysis Batch:	660-109004	Instrument ID:	BSMD5973
Client Matrix:	Water	Prep Batch:	660-108603	Lab File ID:	1DD15020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	04/15/2011 1726	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/06/2011 1335	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Acetophenone	1.5	U	1.5	10
2-Acetylaminofluorene	0.77	U	0.77	10
4-Aminobiphenyl	0.81	U	0.81	10
Diallate	1.4	U	1.4	10
2,6-Dichlorophenol	1.6	U	1.6	10
7,12-Dimethylbenz(a)anthracene	0.92	U	0.92	10
3,3'-Dimethylbenzidine	14	U	14	20
Ethyl methanesulfonate	1.3	U	1.3	10
Hexachloropropene	0.66	U	0.66	10
Isosafrole	1.6	U	1.6	10
Kepone	37	U	37	50
Methapyrilene	1.1	U	1.1	2000
3-Methylcholanthrene	0.56	U	0.56	10
Methyl methanesulfonate	1.2	U	1.2	10
1,4-Naphthoquinone	1.1	U	1.1	10
1-Naphthylamine	0.84	U	0.84	10
2-Naphthylamine	1.0	U	1.0	10
N-Nitro-o-toluidine	0.90	U	0.90	10
N-Nitrosodiethylamine	1.5	U	1.5	10
N-Nitrosodi-n-butylamine	1.5	U	1.5	10
N-Nitrosomethylethylamine	1.6	U	1.6	10
N-Nitrosopiperidine	0.87	U	0.87	10
N-Nitrosopyrrolidine	1.2	U	1.2	10
o,o',o"-Triethylphosphorothioate	1.8	U	1.8	10
p-Dimethylamino azobenzene	0.67	U	0.67	10
Pentachlorobenzene	0.99	U	0.99	10
Pentachloronitrobenzene	1.5	U	1.5	10
Phenacetin	0.84	U	0.84	10
p-Phenylenediamine	3.1	U	3.1	2000
Pronamide	0.70	U	0.70	10
Safrole, Total	1.2	U	1.2	10
1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	10
2-Toluidine	1.2	U	1.2	10
1,3,5-Trinitrobenzene	0.61	U	0.61	10

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Lab Control Sample - Batch: 660-108603

Method: 8270C

Preparation: 3520C

Lab Sample ID:	LCS 660-108603/2-A	Analysis Batch:	660-108678	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108603	Lab File ID:	1CD07022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	04/07/2011 1547	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/06/2011 1335			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzyl alcohol	100	77.6	78	26 - 130	
Bis(2-chloroethoxy)methane	100	79.3	79	39 - 132	
Bis(2-chloroethyl)ether	100	81.9	82	34 - 135	
bis(2 chloro-1-methylethyl) ether	100	78.8	79	30 - 130	
Bis(2-ethylhexyl) phthalate	100	77.3	77	45 - 134	
4-Bromophenyl phenyl ether	100	85.9	86	46 - 130	
Butyl benzyl phthalate	100	74.6	75	43 - 135	
4-Chloroaniline	100	21.6	22	10 - 130	
4-Chloro-3-methylphenol	100	80.6	81	41 - 130	
2-Chloronaphthalene	100	79.9	80	45 - 130	
2-Chlorophenol	100	78.7	79	40 - 130	
4-Chlorophenyl phenyl ether	100	81.5	82	45 - 134	
Dibenzofuran	100	80.6	81	46 - 133	
1,2-Dichlorobenzene	100	69.8	70	35 - 130	
1,3-Dichlorobenzene	100	67.1	67	33 - 130	
1,4-Dichlorobenzene	100	67.4	67	38 - 130	
3,3'-Dichlorobenzidine	220	126	57	10 - 130	
2,4-Dichlorophenol	100	81.8	82	40 - 135	
Diethyl phthalate	100	82.2	82	50 - 132	
2,4-Dimethylphenol	100	58.1	58	44 - 130	
Dimethyl phthalate	100	83.3	83	52 - 132	
Di-n-butyl phthalate	100	84.7	85	50 - 130	
1,3-Dinitrobenzene	100	79.5	79	10 - 150	
4,6-Dinitro-2-methylphenol	100	74.7	75	32 - 134	
2,4-Dinitrophenol	100	63.4	63	10 - 150	
2,4-Dinitrotoluene	100	83.0	83	48 - 131	
2,6-Dinitrotoluene	100	84.4	84	54 - 132	
Di-n-octyl phthalate	100	95.2	95	37 - 136	
Hexachlorobenzene	100	81.4	81	35 - 136	
Hexachlorobutadiene	100	70.7	71	34 - 130	
Hexachlorocyclopentadiene	100	21.2	21	10 - 130	
Hexachloroethane	100	64.4	64	31 - 130	
Isophorone	100	82.2	82	46 - 150	
2-Methylphenol	100	74.3	74	40 - 130	
2-Nitroaniline	100	70.2	70	52 - 130	
3-Nitroaniline	100	89.0	89	25 - 130	
4-Nitroaniline	100	78.1	78	39 - 130	
Nitrobenzene	100	81.6	82	45 - 130	
2-Nitrophenol	100	77.3	77	44 - 134	
4-Nitrophenol	100	54.4	54	25 - 130	
N-Nitrosodimethylamine	100	71.8	72	24 - 130	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Lab Control Sample - Batch: 660-108603

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 660-108603/2-A	Analysis Batch:	660-108678	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108603	Lab File ID:	1CD07022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	04/07/2011 1547	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/06/2011 1335			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodi-n-propylamine	100	82.9	83	37 - 130	
N-Nitrosodiphenylamine	100	64.7	65	28 - 139	
Pentachlorophenol	100	82.7	83	30 - 134	
Phenol	100	60.3	60	18 - 130	
2,3,4,6-Tetrachlorophenol	100	79.0	79	10 - 130	
1,2,4-Trichlorobenzene	100	67.3	67	39 - 130	
2,4,5-Trichlorophenol	100	83.7	84	48 - 130	
2,4,6-Trichlorophenol	100	84.4	84	47 - 131	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Matrix Spike - Batch: 660-108603

Method: 8270C
Preparation: 3520C

Lab Sample ID:	660-40572-F-1-A MS	Analysis Batch:	660-108678	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108603	Lab File ID:	1CD07028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	04/07/2011 1750	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/06/2011 1335			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Benzyl alcohol	2.8 U	95.2	51.5	54	26 - 130	
Bis(2-chloroethoxy)methane	1.9 U	95.2	59.8	63	39 - 132	
Bis(2-chloroethyl)ether	2.5 U	95.2	59.4	62	34 - 135	
bis(2 chloro-1-methylethyl) ether	2.0 U	95.2	58.6	61	30 - 130	
Bis(2-ethylhexyl) phthalate	2.1 I	95.2	41.9	42	45 - 134	J3
4-Bromophenyl phenyl ether	1.6 U	95.2	62.7	66	46 - 130	
Butyl benzyl phthalate	1.1 U	95.2	43.2	45	43 - 135	
4-Chloroaniline	2.0 U	95.2	18.7	20	10 - 130	I
4-Chloro-3-methylphenol	1.6 U	95.2	61.4	64	41 - 130	
2-Choronaphthalene	1.5 U	95.2	63.5	67	45 - 130	
2-Chlorophenol	2.0 U	95.2	46.3	49	40 - 130	
4-Chlorophenyl phenyl ether	1.7 U	95.2	62.6	66	45 - 134	
Dibenzofuran	1.5 U	95.2	62.7	66	46 - 133	
1,2-Dichlorobenzene	1.0 U	95.2	57.4	60	35 - 130	
1,3-Dichlorobenzene	1.0 U	95.2	56.3	59	33 - 130	
1,4-Dichlorobenzene	2.1 I	95.2	58.2	59	38 - 130	
3,3'-Dichlorobenzidine	1.5 U	210	1.5	0	10 - 130	U J3
2,4-Dichlorophenol	1.7 U	95.2	48.4	51	40 - 135	
Diethyl phthalate	2.4 U	95.2	53.2	56	50 - 132	
2,4-Dimethylphenol	1.7 U	95.2	56.0	59	44 - 130	
Dimethyl phthalate	2.4 U	95.2	47.9	50	52 - 132	J3
Di-n-butyl phthalate	2.4 U	95.2	58.8	62	50 - 130	
1,3-Dinitrobenzene	0.94 U	95.2	57.6	60	10 - 150	
4,6-Dinitro-2-methylphenol	1.4 U	95.2	45.2	47	32 - 134	I
2,4-Dinitrophenol	5.9 U	95.2	47.6	50	10 - 150	I
2,4-Dinitrotoluene	0.87 U	95.2	62.2	65	48 - 131	
2,6-Dinitrotoluene	0.69 U	95.2	69.7	73	54 - 132	
Di-n-octyl phthalate	2.4 U	95.2	50.6	53	37 - 136	
Hexachlorobenzene	1.6 U	95.2	51.9	54	35 - 136	
Hexachlorobutadiene	0.95 U	95.2	56.8	60	34 - 130	
Hexachlorocyclopentadiene	1.1 U	95.2	31.1	33	10 - 130	
Hexachloroethane	0.81 U	95.2	53.1	56	31 - 130	
Isophorone	1.3 U	95.2	59.9	63	46 - 150	
2-Methylphenol	2.2 U	95.2	55.9	59	40 - 130	
2-Nitroaniline	1.3 U	95.2	4.08	4	52 - 130	I J3
3-Nitroaniline	1.1 I	95.2	13.8	13	25 - 130	I J3
4-Nitroaniline	1.3 U	95.2	2.27	2	39 - 130	I J3
Nitrobenzene	1.8 U	95.2	84.1	88	45 - 130	
2-Nitrophenol	1.1 U	95.2	55.0	58	44 - 134	
4-Nitrophenol	5.9 U	95.2	45.8	48	25 - 130	I
N-Nitrosodimethylamine	2.3 U	95.2	51.6	54	24 - 130	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Matrix Spike - Batch: 660-108603

Method: 8270C

Preparation: 3520C

Lab Sample ID:	660-40572-F-1-A MS	Analysis Batch:	660-108678	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108603	Lab File ID:	1CD07028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	04/07/2011 1750	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/06/2011 1335			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodi-n-propylamine	1.8	U	95.2	60.7	64	37 - 130
N-Nitrosodiphenylamine	1.5	U	95.2	51.7	54	28 - 139
Pentachlorophenol	1.4	U	95.2	61.2	64	30 - 134
Phenol	2.3	U	95.2	43.2	45	18 - 130
2,3,4,6-Tetrachlorophenol	0.62	U	95.2	48.6	51	10 - 130
1,2,4-Trichlorobenzene	1.1	U	95.2	57.5	60	39 - 130
2,4,5-Trichlorophenol	2.0	U	95.2	47.7	50	48 - 130
2,4,6-Trichlorophenol	1.8	U	95.2	47.8	50	47 - 131

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Duplicate - Batch: 660-108603

Method: 8270C

Preparation: 3520C

Lab Sample ID: 660-40571-G-1-A DU
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/07/2011 1730
 Prep Date: 04/06/2011 1335
 Leach Date: N/A

Analysis Batch: 660-108678
 Prep Batch: 660-108603
 Leach Batch: N/A
 Units: ug/L

Instrument ID: BSMC5973
 Lab File ID: 1CD07027.D
 Initial Weight/Volume: 1060 mL
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Benzyl alcohol	2.8 U	2.7	NC	40	U
Bis(2-chloroethoxy)methane	1.9 U	1.9	NC	40	U
Bis(2-chloroethyl)ether	2.5 U	2.5	NC	40	U
bis(2 chloro-1-methylethyl) ether	2.0 U	2.0	NC	40	U
Bis(2-ethylhexyl) phthalate	3.5 I	2.56	31	40	I
4-Bromophenyl phenyl ether	1.6 U	1.6	NC	40	U
Butyl benzyl phthalate	1.1 U	1.1	NC	40	U
4-Chloroaniline	2.0 U	2.0	NC	40	U
4-Chloro-3-methylphenol	1.6 U	1.6	NC	40	U
2-Choronaphthalene	1.5 U	1.5	NC	40	U
2-Chlorophenol	2.0 U	2.0	NC	40	U
4-Chlorophenyl phenyl ether	1.7 U	1.7	NC	40	U
Dibenzofuran	1.5 U	1.5	NC	40	U
1,2-Dichlorobenzene	1.0 U	1.0	NC	40	U
1,3-Dichlorobenzene	1.0 U	1.0	NC	40	U
1,4-Dichlorobenzene	2.4 I	2.16	12	40	I
3,3'-Dichlorobenzidine	1.5 U	1.5	NC	40	U
2,4-Dichlorophenol	1.7 U	1.7	NC	40	U
Diethyl phthalate	2.4 U	2.4	NC	40	U
2,4-Dimethylphenol	1.7 U	1.7	NC	40	U
Dimethyl phthalate	2.4 U	2.4	NC	40	U
Di-n-butyl phthalate	2.4 U	2.4	NC	40	U
1,3-Dinitrobenzene	0.94 U	0.93	NC	40	U
4,6-Dinitro-2-methylphenol	1.4 U	1.4	NC	40	U
2,4-Dinitrophenol	5.9 U	5.8	NC	40	U
2,4-Dinitrotoluene	0.87 U	0.86	NC	40	U
2,6-Dinitrotoluene	0.69 U	0.68	NC	40	U
Di-n-octyl phthalate	2.4 U	2.4	NC	40	U
Hexachlorobenzene	1.6 U	1.6	NC	40	U
Hexachlorobutadiene	0.95 U	0.94	NC	40	U
Hexachlorocyclopentadiene	1.1 U	1.1	NC	40	U
Hexachloroethane	0.81 U	0.80	NC	40	U
Isophorone	1.3 U	1.3	NC	40	U
2-Methylphenol	2.2 U	2.2	NC	40	U
3 & 4 Methylphenol	5.2 I	5.09	2	40	I
2-Nitroaniline	1.3 U	1.3	NC	40	U
3-Nitroaniline	1.1 U	1.1	NC	40	U
4-Nitroaniline	1.3 U	1.3	NC	40	U
Nitrobenzene	1.8 U	1.8	NC	40	U
2-Nitrophenol	1.1 U	1.1	NC	40	U
4-Nitrophenol	5.9 U	5.8	NC	40	U

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Duplicate - Batch: 660-108603

Method: 8270C
Preparation: 3520C

Lab Sample ID:	660-40571-G-1-A DU	Analysis Batch:	660-108678	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108603	Lab File ID:	1CD07027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1060 mL
Analysis Date:	04/07/2011 1730	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/06/2011 1335			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual	
N-Nitrosodimethylamine	2.3	U	2.3	NC	40	U
N-Nitrosodi-n-propylamine	1.8	U	1.8	NC	40	U
N-Nitrosodiphenylamine	1.5	U	1.5	NC	40	U
Pentachlorophenol	1.4	U	1.4	NC	40	U
Phenol	2.3	U	2.3	NC	40	U
2,3,4,6-Tetrachlorophenol	0.62	U	0.61	NC	40	U
1,2,4-Trichlorobenzene	1.1	U	1.1	NC	40	U
2,4,5-Trichlorophenol	2.0	U	2.0	NC	40	U
2,4,6-Trichlorophenol	1.8	U	1.8	NC	40	U

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	65	36 - 124
2-Fluorophenol	51	29 - 121
Nitrobenzene-d5	66	34 - 130
Phenol-d6 (Surr)	53	25 - 128
Terphenyl-d14	15	14 - 148
2,4,6-Tribromophenol	59	29 - 143

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108543

Lab Sample ID: MB 660-108543/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/06/2011 1117
Prep Date: 04/05/2011 1307
Leach Date: N/A

Analysis Batch: 660-108602
Prep Batch: 660-108543
Leach Batch: N/A
Units: mg/L

Method: 6010B
Preparation: 3005A
Total Recoverable

Instrument ID: ICPC
Lab File ID: 11D06C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-108543

Lab Sample ID: MB 660-108543/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/06/2011 1117
Prep Date: 04/05/2011 1307
Leach Date: N/A

Analysis Batch: 660-108602
Prep Batch: 660-108543
Leach Batch: N/A
Units: ug/L

Method: 6010B
Preparation: 3005A
Total Recoverable

Instrument ID: ICPC
Lab File ID: 11D06C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Arsenic	4.0	U	4.0	10
Cadmium	1.0	U	1.0	4.0
Chromium	2.0	U	2.0	10
Iron	50	U	50	200
Lead	2.0	U	2.0	10

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Lab Control Sample - Batch: 660-108543

**Method: 6010B
Preparation: 3005A
Total Recoverable**

Lab Sample ID:	LCS 660-108543/2-A	Analysis Batch:	660-108602	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108543	Lab File ID:	11D06C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/06/2011 1120	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/05/2011 1307				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	9.80	98	75 - 125	

Lab Control Sample - Batch: 660-108543

**Method: 6010B
Preparation: 3005A
Total Recoverable**

Lab Sample ID:	LCS 660-108543/2-A	Analysis Batch:	660-108602	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108543	Lab File ID:	11D06C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/06/2011 1120	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	04/05/2011 1307				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	1000	998	100	75 - 125	
Cadmium	1000	1020	102	75 - 125	
Chromium	1000	976	98	75 - 125	
Iron	1000	997	100	75 - 125	
Lead	1000	1040	104	75 - 125	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-108543

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID:	660-40529-A-1-B MS	Analysis Batch:	660-108602	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108543	Lab File ID:	11D06C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/06/2011 1130			Final Weight/Volume:	50 mL
Prep Date:	04/05/2011 1307				
Leach Date:	N/A				
MSD Lab Sample ID:	660-40529-A-1-C MSD	Analysis Batch:	660-108602	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108543	Lab File ID:	11D06C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/06/2011 1133			Final Weight/Volume:	50 mL
Prep Date:	04/05/2011 1307				
Leach Date:	N/A				

% Rec.

Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sodium	98	98	75 - 125	0	20		

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-108543

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID:	660-40529-A-1-B MS	Analysis Batch:	660-108602	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108543	Lab File ID:	11D06C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/06/2011 1130			Final Weight/Volume:	50 mL
Prep Date:	04/05/2011 1307				
Leach Date:	N/A				
MSD Lab Sample ID:	660-40529-A-1-C MSD	Analysis Batch:	660-108602	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108543	Lab File ID:	11D06C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/06/2011 1133			Final Weight/Volume:	50 mL
Prep Date:	04/05/2011 1307				
Leach Date:	N/A				

% Rec.

Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	100	100	75 - 125	0	20		
Cadmium	101	102	75 - 125	0	20		
Chromium	96	96	75 - 125	1	20		
Iron	97	99	75 - 125	2	20		
Lead	101	101	75 - 125	0	20		

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108552

Method: 300.0

Preparation: N/A

Lab Sample ID:	MB 660-108552/3	Analysis Batch:	660-108552	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:	04/04/2011 1129	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: 660-108552

Method: 300.0

Preparation: N/A

Lab Sample ID:	LCS 660-108552/4	Analysis Batch:	660-108552	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:	04/04/2011 1156	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	10.1	101	90 - 110	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-108552****Method: 300.0****Preparation: N/A**

MS Lab Sample ID:	660-40511-3	Analysis Batch:	660-108552	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	22.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/04/2011 1713			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	660-40511-3	Analysis Batch:	660-108552	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	23.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/04/2011 1740			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	Limit				
Chloride	106	102	90 - 110	2	30		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-108552****Method: 300.0****Preparation: N/A**

MS Lab Sample ID:	660-40511-12	Analysis Batch:	660-108552	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	29.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/04/2011 2020			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	660-40511-12	Analysis Batch:	660-108552	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/04/2011 2046			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	Limit				
Chloride	95	83	90 - 110	3	30		J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108554**Method: 300.0****Preparation: N/A**

Lab Sample ID:	MB 660-108554/3	Analysis Batch:	660-108554	Instrument ID:	DIONEX 1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	10.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2011 0943	Units:	mg/L	Final Weight/Volume:	5 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: 660-108554**Method: 300.0****Preparation: N/A**

Lab Sample ID:	LCS 660-108554/4	Analysis Batch:	660-108554	Instrument ID:	DIONEX 1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	11.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2011 0955	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.9	109	90 - 110	

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-108554****Method: 300.0****Preparation: N/A**

MS Lab Sample ID:	660-40332-F-8 MS ^10	Analysis Batch:	660-108554	Instrument ID:	DIONEX 1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	31.0000.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/05/2011 1345			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	660-40332-F-8 MSD ^10	Analysis Batch:	660-108554	Instrument ID:	DIONEX 1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	32.0000.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/05/2011 1356			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	-0.9	-3	90 - 110	2	30	J3	J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108607

Method: 350.1

Preparation: N/A

Lab Sample ID:	MB 660-108607/11	Analysis Batch:	660-108607	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_4-6-2011_01-38-5
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	04/06/2011 1351	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: 660-108607

Method: 350.1

Preparation: N/A

Lab Sample ID:	LCS 660-108607/12	Analysis Batch:	660-108607	Instrument ID:	LACHAT
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_4-6-2011_01-38-5
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	04/06/2011 1352	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	0.489	98	90 - 110	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-108607****Method: 350.1****Preparation: N/A**

MS Lab Sample ID: 660-40511-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/06/2011 1355
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 660-108607
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: LACHAT
Lab File ID: OM_4-6-2011_01-38-5
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-40511-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/06/2011 1356
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 660-108607
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: LACHAT
Lab File ID: OM_4-6-2011_01-38-5
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	77	74	90 - 110	1	30	J3	J3

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-108607****Method: 350.1****Preparation: N/A**

MS Lab Sample ID: 660-40511-11
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/06/2011 1411
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 660-108607
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: LACHAT
Lab File ID: OM_4-6-2011_01-38-5
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-40511-11
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/06/2011 1412
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 660-108607
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: LACHAT
Lab File ID: OM_4-6-2011_01-38-5
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	75	76	90 - 110	1	30	J3	J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108493**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	MB 660-108493/1	Analysis Batch:	660-108493	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:	04/04/2011 1422	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: 660-108493**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	LCS 660-108493/2	Analysis Batch:	660-108493	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:	04/04/2011 1422	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	10800	108	80 - 120	

Duplicate - Batch: 660-108493**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	660-40426-E-3 DU	Analysis Batch:	660-108493	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:	04/04/2011 1425	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	42	36.0	15	20	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40511-1

Method Blank - Batch: 660-108606**Method: SM 2540C**
Preparation: N/A

Lab Sample ID:	MB 660-108606/1	Analysis Batch:	660-108606	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:	04/06/2011 1412	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: 660-108606**Method: SM 2540C**
Preparation: N/A

Lab Sample ID:	LCS 660-108606/2	Analysis Batch:	660-108606	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:	04/06/2011 1412	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	9800	98	80 - 120	

Duplicate - Batch: 660-108606**Method: SM 2540C**
Preparation: N/A

Lab Sample ID:	660-40511-7	Analysis Batch:	660-108606	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:	04/06/2011 1414	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	320	312	1	20	

660-40511

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: AJ REP. OF SOLID WASTE DEPT 3-30-11 1:00LOCATION: TH-73 WACS#27754SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

 A.Balloon JG WELL DIAMETER: 2 INCH:TOTAL DEPTH OF WELL: 43.40 Ft.PURGE STARTED: 4:11 9:35 9:28DEPTH TO WATER: 30.45 Ft.PURGE RATE: 0.30 0.00 GPM.LENGTH OF WATER COL: 12.75 Ft.PURGE ENDED: 4:11 9:39VOLUME TO PURGE: 2.04 Gal.ACT. VOL. PURGED: 3.3 GAL.FIELD PARAMETERS: Draw Down: 37.48

BY	TIME	TEMP	COND	PH	DO	TURB
AB Sc	9:35	25.92	344	5.55	0.77	17.2
AB Sc	9:37	25.87	344	5.53	0.77	21.0
AB Sc	9:39	25.89	344	5.53	0.78	19.8

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	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	
2	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED
DATE | TIME
4:11 9:39ANALYSIS REQUESTED:AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium LeadEPA 8260 EPA 8270PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: h.s.ACCEPTED BY: Amardhaan

REP. OF SOLID WASTE DEPT.

REP. OF CONTRACT LAB.

DATE | TIME

4:11 11:274:11 1:28COMMENT'S: water 00412.6, 2.5° C C107

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: AC REP. OF SOLID WASTE DEPT. 3-30-11 1:00

LOCATION: BLANK, EQUIPMENT

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION S.A.Balloon G JK

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>3</u>	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	
<u>2</u>	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

9

TOTAL NO. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

3-31-11 10:15A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

EPA 8260 EPA 8270

PRESERVED SAMPLES PH < 2.0 Y/E 5 SAMPLE STORAGE: COOLER & ICE TO 4.0 C

4.1.11

DATE | TIME

3-31-11 1:08

ABOVE LISTED SAMPLES:

RELINQUISHED BY: R.Perry

REP. OF SOLID WASTE DEPT.

3-31-11 1:28

ACCEPTED BY: Dennis Clark

REP. OF CONTRACT LAB.

3-31-11 1:28

4.1.11

COMMENT'S: WOTK DAY

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: A.C. REP. OF SOLID WASTE DEPT. 3-30-11 1:00

LOCATION: TH-40 WACS# 822

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

A.Balloon J.C.

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 165.90 Ft.

PURGE STARTED: 3-31-11 10:18

DEPTH TO WATER: 104.71 Ft.

PURGE RATE: 1.00 GPM.

LENGTH OF WATER COL: 59.11 Ft.

DATE | TIME

VOLUME TO PURGE: 9.46 Gal.

PURGE ENDED: 3-31-11 10:32

ACT. VOL. PURGED: 14 GAL.

FIELD PARAMETERS: Drawn Down: 104.78

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	10:28	23.32	354	7.57	0.51	0.3
AB SC	10:30	23.32	355	7.60	0.51	0.4
AB SC	10:32	23.53	355	7.66	0.52	0.3

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

3-31-11 10:32

4.1.11

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:

4.1.11

DATE | TIME

RELINQUISHED BY: J.B. REP. OF SOLID WASTE DEPT. 3-31-11 1:28

ACCEPTED BY: J.C. REP. OF CONTRACT LAB. 3-31-11 1:28

4.1.11

COMMENT'S: water

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: AB REP. OF SOLID WASTE DEPT. 3-30-11 1:00

LOCATION: TH-72 WACS# 27753 SAMPLE MATRIX: WATER OTHER MATRIX: _____
 PERSONAL ENGAGED IN SAMPLE COLLECTION E.A.Balloon E.J.C

WELL DIAMETER: 2 INCH:

TOTAL DEPTH OF WELL: 190.00 Ft.
 DEPTH TO WATER: 114.21 Ft.
 LENGTH OF WATER COL: 75.79 Ft.
 VOLUME TO PURGE: 12.12 Gal.

DATE	TIME
<u>4.1.11</u>	<u>9:25</u>
<u>0.60</u>	GPM.
<u>4.1.11</u>	<u>9:49</u>
ACT. VOL. PURGED: <u>14.41</u> GAL.	

FIELD PARAMETERS: Draw Down: 114.20

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	9:45	22.85	927	7.38	0.16	3.7
AB SC	9:47	22.82	924	7.40	0.16	4.0
AB SC	9:49	22.80	928	7.41	0.14	3.4

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	

TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED
DATE | TIME
4.1.11 | 9:49

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: AB

ACCEPTED BY: John H. Davis

REP. OF SOLID WASTE DEPT.
 REP. OF CONTRACT LAB.

DATE	TIME
<u>4.1.11</u>	<u>1:28</u>
<u>4.1.11</u>	<u>1:28</u>

COMMENT'S: WOT 0041

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: SD REP. OF SOLID WASTE DEPT. 3-30-11 1:00

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: _____
 PERSONAL ENGAGED IN SAMPLE COLLECTION : A.Balloon JC

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
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	

41 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
3-31-11

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

4.1.11

ABOVE LISTED SAMPLES:

RELINQUISHED BY: SD

DATE | TIME

ACCEPTED BY: SD

REP. OF SOLID WASTE DEPT.

3-31-11

REP. OF CONTRACT LAB.

3-31-11

4.1.11

COMMENT'S:

W070041

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

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME _____
 RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____
 ACCEPTED BY: ABe REP. OF SOLID WASTE DEPT. 3-30-11 1:00
 LOCATION: SUP 2 WACS# 27756 SAMPLE MATRIX: WATER OTHER MATRIX: _____
 PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon JC
 WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 4.1.11 TIME 11:30
 ACTUAL PURGE TIME: 19 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
<u>ABe</u>	<u>11:45</u>	<u>24.31</u>	<u>372</u>	<u>7.68</u>	<u>0.04</u>	<u>0.0</u>
<u>AG SC</u>	<u>11:47</u>	<u>24.31</u>	<u>372</u>	<u>7.70</u>	<u>0.05</u>	<u>0.0</u>
<u>ABe</u>	<u>11:49</u>	<u>24.31</u>	<u>372</u>	<u>7.69</u>	<u>0.05</u>	<u>0.0</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
1	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
4.1.11 11:39

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES
 RELINQUISHED BY: RBe REP. OF SOLID WASTE DEPT. 4.1.11 1:28
 ACCEPTED BY: Amber Chan REP. OF CONTRACT LAB. 4.1.11 1:28

COMMENT'S: 0070041

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: AC REP. OF SOLID WASTE DEPT. 3-30-11 11:00

LOCATION: TH-42 WACS# 823

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon JL

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 164 Ft.

PURGE STARTED: 3.31.11 11:19

DEPTH TO WATER: 86.12 Ft.

LENGTH OF WATER COL: 77.88 Ft.

VOLUME TO PURGE: 12.46 Gal.

PURGE RATE: 0.40 GPM.

ACT. VOL. PURGED: 14.4 GAL.

PURGE ENDED: 3.31.11 11:43

ACT. VOL. PURGED: 14.4 GAL.

FIELD PARAMETERS: Draw Down: 97.40

BY	TIME	TEMP	COND	PH	DO	TURB
AB JL	11:39	23.39	470	7.38	0.70	14.9
AB JL	11:41	23.84	471	7.35	0.70	19.6
AB JL	11:43	23.37	471	7.35	0.70	19.5

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
1	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	

4

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
 DATE | TIME
3-31-11 11:43

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 yes

SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: AC

ACCEPTED BY: AC

REP. OF SOLID WASTE DEPT. 3-31-11 11:28

REP. OF CONTRACT LAB. 3-31-11 11:28

DATE | TIME
3-31-11 11:28
4.1.11

COMMENT'S: W0#0041

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: AB C REP. OF SOLID WASTE DEPT. 3-30-11 1:00

LOCATION: TH-19 WACS# 821 SAMPLE MATRIX: WATER OTHER MATRIX: _____
 PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon

WELL DIAMETER: 2.0 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 153.60 Ft.

PURGE STARTED:

3-30-11 10:49

DEPTH TO WATER: 108.45 Ft.

PURGE RATE:

1.00 GPM.

LENGTH OF WATER COL: 45.15 Ft.

DATE | TIME

VOLUME TO PURGE: 7.82 Gal.

PURGE ENDED:

3-30-11 11:00

ACT. VOL. PURGED: 11 GAL.

FIELD PARAMETERS: Draw Down: 108.46

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	10:56	22.94	377	7.47	1.29	0.2
AB SC	10:58	23.04	377	7.48	1.29	0.2
AB SC	11:00	23.09	377	7.48	1.30	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	
	250 ml. PLASTIC		250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC	2	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
3-30-11 11:00

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 YES

SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: AB C

3-30-11 1:28

ACCEPTED BY: AB C

3-30-11 1:28

4-1-11

COMMENT'S: WD #0041

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: REP. OF CONTRACT LAB.

DATE | TIME

ACCEPTED BY: A.C. REP. OF SOLID WASTE DEPT. 3-30-11 1:00

LOCATION: TH-30 WACS# 1065

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION G.A.Balloon T JC

WELL DIAMETER: 2.00 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 46.19 Ft.

PURGE STARTED:

4.11 10:02

DEPTH TO WATER: 23.82 Ft.

PURGE RATE:

0.30 GPM.

LENGTH OF WATER COL: 22.87 Ft.

DATE | TIME

VOLUME TO PURGE: 3.58 Gal.

PURGE ENDED:

4.11 10:17

ACT. VOL. PURGED:

4.5 GAL.

FIELD PARAMETERS:

Draw Down: 28.15

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	10:13	23.54	251	4.69	0.17	3.1
AB SC	10:15	23.57	251	4.67	0.16	2.4
AB SC	10:17	23.54	252	4.68	0.14	2.8

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
4.11 10:17

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: A.C.

4.11 1:28

ACCEPTED BY: John D.

REP. OF SOLID WASTE DEPT.

4.11 1:28

REP. OF CONTRACT LAB.

COMMENT'S: W0#0041 H2S odor

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

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: A.B. REP. OF SOLID WASTE DEPT. 5-20-11 1:00

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

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon _____

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 4.1.11, TIME 11:55
ACTUAL PURGE TIME: 19 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AA SC	12:10	24.31	369	7.70	0.07	6.0
AD SC	12:12	24.31	370	7.68	0.07	0.1
AB SC	12:14	24.31	370	7.69	0.06	0.4

SAMPLE CONTAINERS

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

4

TOTAL NO. OF SAMPLES COLLECTED:

COLLECTED	
DATE	TIME
<u>4.1.11</u>	<u>12:14</u>

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Joe

ACCEPTED BY: Amber

DATE	TIME
<u>4.1.11</u>	<u>12:28</u>
<u>4.1.11</u>	<u>12:28</u>

COMMENT'S: W070041

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

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: AB REP. OF SOLID WASTE DEPT, 3-30-11 1:00

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

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon JC

WELL DIAMETER: 2.0 INCH: _____ DATE | TIME

TOTAL DEPTH OF WELL: 34.30 Ft. PURGE STARTED: 4.1.11 10:50

DEPTH TO WATER: 27.45 Ft. PURGE RATE: 0.20 GPM.

LENGTH OF WATER COL: 0.65 Ft. DATE | TIME

VOLUME TO PURGE: 1.10 Gal. PURGE ENDED: 4.1.11 11:00

ACT. VOL. PURGED: 2.0 GAL.

FIELD PARAMETERS: Draw Down: 27.90

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	10:54	25.77	233	5.32	0.80	5.5
AB JC	10:58	25.78	233	5.31	0.79	5.5
AB JC	11:00	25.75	231	5.31	0.79	4.8

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	

41 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
4.1.11 11:00

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:
RELINQUISHED BY: AB REP. OF SOLID WASTE DEPT. DATE | TIME
ACCEPTED BY: David Chan REP. OF CONTRACT LAB. 4.1.11 1:28 4.1.11 1:28

COMMENT'S: W020041

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: AJL REP. OF SOLID WASTE DEPT. 3-30-11 11:00

LOCATION: TH-57 WACS# 1570 SAMPLE MATRIX: WATER OTHER MATRIX: _____
 PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon JC

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 26.83 Ft.
 DEPTH TO WATER: 19.40 Ft.
 LENGTH OF WATER COL: 7.43 Ft.
 VOLUME TO PURGE: 1.19 Gal.

PURGE STARTED: 4.1.11 11:10
 PURGE RATE: 0.25 GPM.
 DATE | TIME
 PURGE ENDED: 4.1.11 11:19
 ACT. VOL. PURGED: 2.25 GAL.

FIELD PARAMETERS: Draw Down: 20.80

BY	TIME	TEMP	COND	PH	DO	TURB
A.B.JC	11:15	25.58	171	5.20	0.24	0.5
A.B.JC	11:17	25.59	174	5.22	6.23	0.7
A.B.JC	11:19	25.60	174	5.20	0.22	0.9

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
1	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
4.1.11 11:19

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:
 RELINQUISHED BY: J.B. REP. OF SOLID WASTE DEPT. 4.1.11 1:28
 ACCEPTED BY: John C. Johnson REP. OF CONTRACT LAB. 4.1.11 1:28

COMMENT'S: W0#40041

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: AB REP. OF SOLID WASTE DEPT. 3-30-11 1:00

LOCATION: TH-58 WACS# 1571 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon JL

WELL DIAMETER: 2.0 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 32.92 Ft. PURGE STARTED: 4.1.11 10:30

DEPTH TO WATER: 27.49 Ft. PURGE RATE: 0.20 GPM.

LENGTH OF WATER COL: 5.23 Ft. DATE | TIME

VOLUME TO PURGE: .84 Gal.

PURGE ENDED: 4.1.11 10:38 ACT. VOL. PURGED: .4 GAL.

FIELD PARAMETERS: Draw Down: 28.40

BY	TIME	TEMP	COND	PH	DO	TURB
AB	3C	10:34	25.22	504	5.82	0.38
AB	3C	10:34	25.23	504	5.80	0.37
AB	3C	10:36	25.23	504	5.80	0.37

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
1	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
4.1.11 10:38

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES: 4.1.11 1:28

RELINQUISHED BY: JT REP. OF SOLID WASTE DEPT. 4.1.11 1:28

ACCEPTED BY: AB REP. OF CONTRACT LAB. 4.1.11 1:28

COMMENT'S: W0#0041

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

BLANK, TRAVEL

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: AJL REP. OF SOLID WASTE DEPT. 3-31-11 1:00

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

PERSONAL ENGAGED IN SAMPLE COLLECTION: A.Balloon JC

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED	
				DATE	TIME
2	VOC	1:1 H2O:UHP 4-1-11	2-40 ml. SEPTUM VIAL	<u>3-31-11</u>	<u>10:05A</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

4.1.11

ABOVE LISTED SAMPLES: _____ DATE | TIME

RELINQUISHED BY: AJL REP. OF SOLID WASTE DEPT. 3-31-11

ACCEPTED BY: AJL REP. OF CONTRACT LAB. 3-31-11

4.1.11

COMMENT'S: W0#0041

Login Sample Receipt Checklist

Client: Hillsborough County

Job Number: 660-40511-1

Login Number: 40511

List Source: TestAmerica Tampa

List Number: 1

Creator: Harrison, Amanda

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	2.6, 2.5 degrees C Cu-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 660-40624-1

Job Description: Southeast Landfill

For:
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
4/22/2011 10:58 AM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
04/22/2011

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282

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

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
660-40624-1**

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: The matrix spike (MS) recovery for batch 108777 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: The matrix spike (MS) recoveries for batch 108844 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method 300.0: The matrix spike duplicate (MSD) recovery for batch 108922 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 300.0: The matrix spike (MS) recovery for batch 109006 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 108948 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40624-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40624-2 TH-73 WACS# 27754					
Field pH	5.35			SU	Field Sampling
Field Temperature	25.97			Degrees C	Field Sampling
Oxygen, Dissolved	0.62			mg/L	Field Sampling
Specific Conductance	331			umhos/cm	Field Sampling
Turbidity	18.0			NTU	Field Sampling
Chloride	66	1.0		mg/L	300.0
Ammonia as N	2.1	0.020		mg/L	350.1
Total Dissolved Solids	140	5.0		mg/L	SM 2540C
<i>Total Recoverable</i>					
Chromium	3.0	I	10	ug/L	6010B
Iron	11000		200	ug/L	6010B
Sodium	30		0.50	mg/L	6010B
660-40624-3FD DUPLICATE					
Chloride	88		1.0	mg/L	300.0
Ammonia as N	1.8		0.020	mg/L	350.1
Total Dissolved Solids	430		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Chromium	2.0	I	10	ug/L	6010B
Iron	220		200	ug/L	6010B
Lead	2.9	I	10	ug/L	6010B
Sodium	51		0.50	mg/L	6010B
660-40624-4 TH-19 WACS# 821					
Field pH	7.32			SU	Field Sampling
Field Temperature	23.46			Degrees C	Field Sampling
Oxygen, Dissolved	0.39			mg/L	Field Sampling
Specific Conductance	419			umhos/cm	Field Sampling
Turbidity	0.3			NTU	Field Sampling
Chloride	8.2		0.50	mg/L	300.0
Ammonia as N	0.25		0.020	mg/L	350.1
Total Dissolved Solids	220		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium	14		0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40624-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40624-5	TH-40 WACS# 822				
Field pH	7.51			SU	Field Sampling
Field Temperature	23.46			Degrees C	Field Sampling
Oxygen, Dissolved	0.39			mg/L	Field Sampling
Specific Conductance	387			umhos/cm	Field Sampling
Turbidity	0.4			NTU	Field Sampling
Chloride	7.9	0.50		mg/L	300.0
Ammonia as N	0.29	0.020		mg/L	350.1
Total Dissolved Solids	210	5.0		mg/L	SM 2540C
<i>Total Recoverable</i>					
Lead	2.2		10	ug/L	6010B
Sodium	16		0.50	mg/L	6010B
660-40624-6	TH-42 WACS# 823				
Field pH	7.20			SU	Field Sampling
Field Temperature	23.72			Degrees C	Field Sampling
Oxygen, Dissolved	0.34			mg/L	Field Sampling
Specific Conductance	526			umhos/cm	Field Sampling
Turbidity	16.6			NTU	Field Sampling
Chloride	17	0.50		mg/L	300.0
Ammonia as N	0.22	0.020		mg/L	350.1
Total Dissolved Solids	290	5.0		mg/L	SM 2540C
<i>Total Recoverable</i>					
Chromium	5.6		10	ug/L	6010B
Iron	680		200	ug/L	6010B
Lead	11		10	ug/L	6010B
Sodium	15		0.50	mg/L	6010B
660-40624-7	TH-72 WACS# 27753				
Field pH	7.35			SU	Field Sampling
Field Temperature	23.13			Degrees C	Field Sampling
Oxygen, Dissolved	0.92			mg/L	Field Sampling
Specific Conductance	810			umhos/cm	Field Sampling
Turbidity	6.1			NTU	Field Sampling
Chloride	87	2.5		mg/L	300.0
Ammonia as N	1.9	0.020		mg/L	350.1
Total Dissolved Solids	420	5.0		mg/L	SM 2540C
<i>Total Recoverable</i>					
Iron	220		200	ug/L	6010B
Lead	3.9		10	ug/L	6010B
Sodium	51		0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40624-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40651-1 TH-28A WACS#19862					
Field pH	5.30			SU	Field Sampling
Field Temperature	26.19			Degrees C	Field Sampling
Oxygen, Dissolved	0.63			mg/L	Field Sampling
Specific Conductance	240			umhos/cm	Field Sampling
Turbidity	4.1			NTU	Field Sampling
Chloride	49		0.50	mg/L	300.0
Ammonia as N	1.1		0.020	mg/L	350.1
Total Dissolved Solids	120		5.0	mg/L	SM 2540C
Total Recoverable					
Iron	3100		200	ug/L	6010B
Sodium	19		0.50	mg/L	6010B
660-40651-2 SUP 2 WACS# 27756					
Field pH	7.50			SU	Field Sampling
Field Temperature	24.46			Degrees C	Field Sampling
Oxygen, Dissolved	0.05			mg/L	Field Sampling
Specific Conductance	359			umhos/cm	Field Sampling
Turbidity	0.1			NTU	Field Sampling
Chloride	10	J3	0.50	mg/L	300.0
Ammonia as N	0.12		0.020	mg/L	350.1
Total Dissolved Solids	190		5.0	mg/L	SM 2540C
Total Recoverable					
Sodium	8.8		0.50	mg/L	6010B
660-40651-3 SUP 1 WACS# 27755					
Field pH	7.53			SU	Field Sampling
Field Temperature	24.54			Degrees C	Field Sampling
Oxygen, Dissolved	0.04			mg/L	Field Sampling
Specific Conductance	354			umhos/cm	Field Sampling
Turbidity	0.0			NTU	Field Sampling
Chloride	9.7		0.50	mg/L	300.0
Ammonia as N	0.16		0.020	mg/L	350.1
Total Dissolved Solids	190		5.0	mg/L	SM 2540C
Total Recoverable					
Sodium	8.8		0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40624-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40651-4 TH-30 WACS# 1065					
Field pH	4.69			SU	Field Sampling
Field Temperature	23.62			Degrees C	Field Sampling
Oxygen, Dissolved	0.19			mg/L	Field Sampling
Specific Conductance	242			umhos/cm	Field Sampling
Turbidity	2.3			NTU	Field Sampling
Chloride	59	J3	1.0	mg/L	300.0
Ammonia as N	1.3	J3	0.020	mg/L	350.1
Total Dissolved Solids	120		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Iron	210		200	ug/L	6010B
Sodium	21		0.50	mg/L	6010B
660-40651-5 TH-58 WACS# 1571					
Field pH	5.73			SU	Field Sampling
Field Temperature	25.36			Degrees C	Field Sampling
Oxygen, Dissolved	0.28			mg/L	Field Sampling
Specific Conductance	459			umhos/cm	Field Sampling
Turbidity	0.9			NTU	Field Sampling
Chloride	57		1.0	mg/L	300.0
Ammonia as N	0.82		0.020	mg/L	350.1
Total Dissolved Solids	250		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Arsenic	26		10	ug/L	6010B
Chromium	2.3	I	10	ug/L	6010B
Iron	4600		200	ug/L	6010B
Sodium	16		0.50	mg/L	6010B
660-40651-6 TH-57 WACS# 1570					
Field pH	5.18			SU	Field Sampling
Field Temperature	25.56			Degrees C	Field Sampling
Oxygen, Dissolved	0.19			mg/L	Field Sampling
Specific Conductance	187			umhos/cm	Field Sampling
Turbidity	0.4			NTU	Field Sampling
Chloride	41		0.50	mg/L	300.0
Ammonia as N	0.87		0.020	mg/L	350.1
Total Dissolved Solids	80		5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Iron	500		200	ug/L	6010B
Sodium	12		0.50	mg/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-40624-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS) Purge and Trap	TAL TAM TAL TAM	SW846 8260B SW846 5030B	
Semivolatile Organic Compounds (GC/MS) Liquid-Liquid Extraction (Continuous)	TAL TAM TAL TAM	SW846 8270C SW846 3520C	
Metals (ICP) Preparation, Total Recoverable or Dissolved Metals	TAL TAM TAL TAM	SW846 6010B SW846 3005A	
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

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

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

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

METHOD / ANALYST SUMMARY

Client: Hillsborough County

Job Number: 660-40624-1

Method	Analyst	Analyst ID
SW846 8260B	Campbell, Ed	EC
SW846 8270C	Cappelluti, Alyssa	AP
SW846 6010B	Fox, Greg	GF
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Steward, Tiffany	TS
MCAWW 350.1	Office, Trey	TO
SM SM 2540C	Onnoony, Thomas	TO

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-40624-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-40624-1EB	Blank, Equipment 40624	Water	04/07/2011 1000	04/07/2011 1425
660-40624-2	TH-73 WACS# 27754	Water	04/07/2011 1123	04/07/2011 1425
660-40624-3FD	Duplicate	Water	04/07/2011 0000	04/07/2011 1425
660-40624-4	TH-19 WACS# 821	Water	04/07/2011 1148	04/07/2011 1425
660-40624-5	TH-40 WACS# 822	Water	04/07/2011 1045	04/07/2011 1425
660-40624-6	TH-42 WACS# 823	Water	04/07/2011 1221	04/07/2011 1425
660-40624-7	TH-72 WACS# 27753	Water	04/07/2011 1132	04/07/2011 1425
660-40624-8TB	Blank, Travel 40624	Water	04/07/2011 1000	04/07/2011 1425
660-40651-1	TH-28A WACS#19862	Water	04/08/2011 1026	04/08/2011 1315
660-40651-2	SUP 2 WACS# 27756	Water	04/08/2011 1117	04/08/2011 1315
660-40651-3	SUP 1 WACS# 27755	Water	04/08/2011 1143	04/08/2011 1315
660-40651-4	TH-30 WACS# 1065	Water	04/08/2011 0934	04/08/2011 1315
660-40651-5	TH-58 WACS# 1571	Water	04/08/2011 1006	04/08/2011 1315
660-40651-6	TH-57 WACS# 1570	Water	04/08/2011 1046	04/08/2011 1315

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: Blank, Equipment 40624
 Lab Sample ID: 660-40624-1

Date Sampled: 04/07/2011 1000
 Date Received: 04/07/2011 1425
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	04/11/2011 1304	
Prep Method: 5030B			Date Prepared:	04/11/2011 1304	
Acetone	9.9	U	ug/L	9.9	20
Acetonitrile	20	U	ug/L	20	1.0
Acrolein	3.8	U	ug/L	3.8	5.0
Acrylonitrile	1.2	U	ug/L	1.2	1.0
Allyl chloride	2.5	U	ug/L	2.5	5.0
Benzene	0.50	U	ug/L	0.50	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 (MEK)	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
Chlorobromomethane	0.58	U	ug/L	0.58	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	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
Chloroprene	2.5	U	ug/L	2.5	5.0
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
Dibromomethane	0.41	U	ug/L	0.41	1.0
Dichlorodifluoromethane	2.5	U	ug/L	2.5	5.0
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
1,3-Dichloropropane	0.39	U	ug/L	0.39	1.0
2,2-Dichloropropane	0.36	U	ug/L	0.36	1.0
1,1-Dichloropropene	0.31	U	ug/L	0.31	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0
Ethyl methacrylate	2.5	U	ug/L	2.5	5.0
2-Hexanone	4.4	U	ug/L	4.4	10
Iodomethane	2.5	U	ug/L	2.5	5.0
Isobutyl alcohol	31	U	ug/L	31	200
Methacrylonitrile	1.8	U	ug/L	1.8	100
Methylene Chloride	4.0	U	ug/L	4.0	5.0
Methyl methacrylate	2.5	U	ug/L	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	10

**Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619**

Job Number: 660-40624-1

Client Sample ID: Blank, Equipment 40624
Lab Sample ID: 660-40624-1

Date Sampled: 04/07/2011 1000
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Propionitrile	7.2	ug/L	7.2	100	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
Tetrachloroethylene	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
Trichloroethylene	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

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

Method: 8270C

Prep Method: 3520C

			Date Prepared:	6/14/2011	101
Benzyl alcohol	2.9	U	ug/L	2.9	9.9
Bis(2-chloroethoxy)methane	2.0	U	ug/L	2.0	9.9
Bis(2-chloroethyl)ether	2.6	U	ug/L	2.6	9.9
bis(2-chloro-1-methylethyl) ether	2.1	U	ug/L	2.1	9.9
Bis(2-ethylhexyl) phthalate	1.3	U	ug/L	1.3	5.9
4-Bromophenyl phenyl ether	1.7	U	ug/L	1.7	9.9
Butyl benzyl phthalate	1.2	U	ug/L	1.2	9.9
4-Chloroaniline	2.1	U	ug/L	2.1	20
4-Chloro-3-methylphenol	1.7	U	ug/L	1.7	9.9
2-Chloronaphthalene	1.6	U	ug/L	1.6	9.9
2-Chlorophenol	2.1	U	ug/L	2.1	9.9
4-Chlorophenyl phenyl ether	1.8	U	ug/L	1.8	9.9
Dibenzofuran	1.6	U	ug/L	1.6	9.9
1,2-Dichlorobenzene	1.1	U	ug/L	1.1	9.9
1,3-Dichlorobenzene	1.1	U	ug/L	1.1	9.9
1,4-Dichlorobenzene	1.2	U	ug/L	1.2	9.9
3,3'-Dichlorobenzidine	1.6	U	ug/L	1.6	20

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 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
2,4-Dichlorophenol	1.8	ug/L	1.8	9.9	1.0
Diethyl phthalate	2.5	ug/L	2.5	9.9	1.0
2,4-Dimethylphenol	1.8	ug/L	1.8	9.9	1.0
Dimethyl phthalate	2.5	ug/L	2.5	9.9	1.0
Di-n-butyl phthalate	2.5	ug/L	2.5	9.9	1.0
1,3-Dinitrobenzene	0.98	ug/L	0.98	9.9	1.0
4,6-Dinitro-2-methylphenol	1.5	ug/L	1.5	50	1.0
2,4-Dinitrophenol	6.1	ug/L	6.1	50	1.0
2,4-Dinitrotoluene	0.90	ug/L	0.90	9.9	1.0
2,6-Dinitrotoluene	0.71	ug/L	0.71	9.9	1.0
Di-n-octyl phthalate	2.5	ug/L	2.5	9.9	1.0
Hexachlorobenzene	1.7	ug/L	1.7	4.0	1.0
Hexachlorobutadiene	0.99	ug/L	0.99	9.9	1.0
Hexachlorocyclopentadiene	1.2	ug/L	1.2	9.9	1.0
Hexachloroethane	0.84	ug/L	0.84	9.9	1.0
Isophorone	1.4	ug/L	1.4	9.9	1.0
2-Methylphenol	2.3	ug/L	2.3	9.9	1.0
3 & 4 Methylphenol	2.4	ug/L	2.4	9.9	1.0
2-Nitroaniline	1.4	ug/L	1.4	50	1.0
3-Nitroaniline	1.2	ug/L	1.2	50	1.0
4-Nitroaniline	1.4	ug/L	1.4	50	1.0
Nitrobenzene	1.9	ug/L	1.9	9.9	1.0
2-Nitrophenol	1.2	ug/L	1.2	9.9	1.0
4-Nitrophenol	6.1	ug/L	6.1	50	1.0
N-Nitrosodimethylamine	2.4	ug/L	2.4	9.9	1.0
N-Nitrosodi-n-propylamine	1.9	ug/L	1.9	9.9	1.0
N-Nitrosodiphenylamine	1.6	ug/L	1.6	9.9	1.0
Pentachlorophenol	1.5	ug/L	1.5	15	1.0
Phenol	2.4	ug/L	2.4	4.0	1.0
2,3,4,6-Tetrachlorophenol	0.64	ug/L	0.64	9.9	1.0
1,2,4-Trichlorobenzene	1.2	ug/L	1.2	9.9	1.0
2,4,5-Trichlorophenol	2.1	ug/L	2.1	9.9	1.0
2,4,6-Trichlorophenol	1.9	ug/L	1.9	9.9	1.0
Surrogate					
2-Fluorobiphenyl	90	%		36 - 124	
2-Fluorophenol	68	%		29 - 121	
Nitrobenzene-d5	88	%		34 - 130	
Phenol-d6 (Surr)	59	%		25 - 128	
Terphenyl-d14	85	%		14 - 148	
2,4,6-Tribromophenol	91	%		29 - 143	

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 Date Received: 04/07/2011 1425
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8270C Run Type: RA			Date Analyzed:	04/15/2011 1609	
Prep Method: 3520C			Date Prepared:	04/11/2011 1151	
Acetophenone	1.5	U	ug/L	1.5	9.9
2-Acetylaminofluorene	0.76	U	ug/L	0.76	9.9
4-Aminobiphenyl	0.80	U	ug/L	0.80	9.9
Diallate	1.4	U	ug/L	1.4	9.9
2,6-Dichlorophenol	1.6	U	ug/L	1.6	9.9
7,12-Dimethylbenz(a)anthracene	0.91	U	ug/L	0.91	9.9
3,3'-Dimethylbenzidine	14	U	ug/L	14	20
Ethyl methanesulfonate	1.3	U	ug/L	1.3	9.9
Hexachloropropene	0.65	U	ug/L	0.65	9.9
Isosafrole	1.6	U	ug/L	1.6	9.9
Kepone	37	U	ug/L	37	50
Methapyrilene	1.1	U	ug/L	1.1	2000
3-Methylcholanthrene	0.55	U	ug/L	0.55	9.9
Methyl methanesulfonate	1.2	U	ug/L	1.2	9.9
1,4-Naphthoquinone	1.1	U	ug/L	1.1	9.9
1-Naphthylamine	0.83	U	ug/L	0.83	9.9
2-Naphthylamine	0.99	U	ug/L	0.99	9.9
N-Nitro-o-toluidine	0.89	U	ug/L	0.89	9.9
N-Nitrosodiethylamine	1.5	U	ug/L	1.5	9.9
N-Nitrosodi-n-butylamine	1.5	U	ug/L	1.5	9.9
N-Nitrosomethylethylamine	1.6	U	ug/L	1.6	9.9
N-Nitrosopiperidine	0.86	U	ug/L	0.86	9.9
N-Nitrosopyrrolidine	1.2	U	ug/L	1.2	9.9
o,o",o"-Triethylphosphorothioate	1.8	U	ug/L	1.8	9.9
p-Dimethylamino azobenzene	0.66	U	ug/L	0.66	9.9
Pentachlorobenzene	0.98	U	ug/L	0.98	9.9
Pentachloronitrobenzene	1.5	U	ug/L	1.5	9.9
Phenacetin	0.83	U	ug/L	0.83	9.9
p-Phenylenediamine	3.1	U	ug/L	3.1	2000
Pronamide	0.69	U	ug/L	0.69	9.9
Safrole, Total	1.2	U	ug/L	1.2	9.9
1,2,4,5-Tetrachlorobenzene	1.1	U	ug/L	1.1	9.9
2-Toluidine	1.2	U	ug/L	1.2	9.9
1,3,5-Trinitrobenzene	0.60	U	ug/L	0.60	9.9
Method: Total Recoverable-6010B			Date Analyzed:	04/11/2011 1315	
Prep Method: 3005A			Date Prepared:	04/11/2011 0651	
Arsenic	4.0	U	ug/L	4.0	10
Cadmium	1.0	U	ug/L	1.0	4.0
Chromium	2.0	U	ug/L	2.0	10

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Lab Sample ID: 660-40624-1

Date Sampled: 04/07/2011 1000
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Iron	50	ug/L	50	200	1.0
Lead	2.0	ug/L	2.0	10	1.0
Sodium	0.31	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	04/11/2011 1252	
Chloride	0.20	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	04/14/2011 1501	
Ammonia as N	0.010	mg/L	0.010	0.020	1.0

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Date Sampled: 04/07/2011 1000
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	5.0	U	Date Analyzed: mg/L	04/13/2011 1458 5.0	1.0

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Job Number: 660-40624-1

Client Sample ID: TH-73 WACS# 27754
 Lab Sample ID: 660-40624-2

Date Sampled: 04/07/2011 1123
 Date Received: 04/07/2011 1425
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	04/11/2011 0844	
Prep Method: 5030B			Date Prepared:	04/11/2011 0844	
Acetone	9.9	U	ug/L	9.9	20
Acetonitrile	20	U	ug/L	20	20
Acrolein	3.8	U	ug/L	3.8	5.0
Acrylonitrile	1.2	U	ug/L	1.2	10
Allyl chloride	2.5	U	ug/L	2.5	5.0
Benzene	0.50	U	ug/L	0.50	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 (MEK)	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
Chlorobromomethane	0.58	U	ug/L	0.58	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	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
Chloroprene	2.5	U	ug/L	2.5	5.0
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
Dibromomethane	0.41	U	ug/L	0.41	1.0
Dichlorodifluoromethane	2.5	U	ug/L	2.5	5.0
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
1,3-Dichloropropane	0.39	U	ug/L	0.39	1.0
2,2-Dichloropropane	0.36	U	ug/L	0.36	1.0
1,1-Dichloropropene	0.31	U	ug/L	0.31	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0
Ethyl methacrylate	2.5	U	ug/L	2.5	5.0
2-Hexanone	4.4	U	ug/L	4.4	10
Iodomethane	2.5	U J3	ug/L	2.5	5.0
Isobutyl alcohol	31	U	ug/L	31	200
Methacrylonitrile	1.8	U	ug/L	1.8	100
Methylene Chloride	4.0	U	ug/L	4.0	5.0
Methyl methacrylate	2.5	U	ug/L	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	10

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 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Propionitrile	7.2	U	ug/L	7.2	100
Styrene	0.98	U	ug/L	0.98	1.0
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
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	99	%		70 - 130	
Dibromofluoromethane	96	%		70 - 130	
Toluene-d8 (Surr)	100	%		70 - 130	
Acceptance Limits					
Method: 8270C					
Prep Method: 3520C					
Benzyl alcohol	2.8	U	ug/L	2.8	9.8
Bis(2-chloroethoxy)methane	2.0	U	ug/L	2.0	9.8
Bis(2-chloroethyl)ether	2.5	U	ug/L	2.5	9.8
bis(2 chloro-1-methylethyl) ether	2.1	U	ug/L	2.1	9.8
Bis(2-ethylhexyl) phthalate	1.3	U	ug/L	1.3	5.9
4-Bromophenyl phenyl ether	1.7	U	ug/L	1.7	9.8
Butyl benzyl phthalate	1.2	U	ug/L	1.2	9.8
4-Chloroaniline	2.1	U	ug/L	2.1	20
4-Chloro-3-methylphenol	1.7	U	ug/L	1.7	9.8
2-Chloronaphthalene	1.6	U	ug/L	1.6	9.8
2-Chlorophenol	2.1	U	ug/L	2.1	9.8
4-Chlorophenyl phenyl ether	1.8	U	ug/L	1.8	9.8
Dibenzofuran	1.6	U	ug/L	1.6	9.8
1,2-Dichlorobenzene	1.1	U	ug/L	1.1	9.8
1,3-Dichlorobenzene	1.1	U	ug/L	1.1	9.8
1,4-Dichlorobenzene	1.2	U	ug/L	1.2	9.8
3,3'-Dichlorobenzidine	1.6	U	ug/L	1.6	20
					1.0

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 Lab Sample ID: 660-40624-2

Date Sampled: 04/07/2011 1123
 Date Received: 04/07/2011 1425
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
2,4-Dichlorophenol	1.8	ug/L	1.8	9.8	1.0
Diethyl phthalate	2.5	ug/L	2.5	9.8	1.0
2,4-Dimethylphenol	1.8	ug/L	1.8	9.8	1.0
Dimethyl phthalate	2.5	ug/L	2.5	9.8	1.0
Di-n-butyl phthalate	2.5	ug/L	2.5	9.8	1.0
1,3-Dinitrobenzene	0.97	ug/L	0.97	9.8	1.0
4,6-Dinitro-2-methylphenol	1.5	ug/L	1.5	49	1.0
2,4-Dinitrophenol	6.1	ug/L	6.1	49	1.0
2,4-Dinitrotoluene	0.89	ug/L	0.89	9.8	1.0
2,6-Dinitrotoluene	0.71	ug/L	0.71	9.8	1.0
Di-n-octyl phthalate	2.5	ug/L	2.5	9.8	1.0
Hexachlorobenzene	1.7	ug/L	1.7	3.9	1.0
Hexachlorobutadiene	0.98	ug/L	0.98	9.8	1.0
Hexachlorocyclopentadiene	1.2	ug/L	1.2	9.8	1.0
Hexachloroethane	0.83	ug/L	0.83	9.8	1.0
Isophorone	1.4	ug/L	1.4	9.8	1.0
2-Methylphenol	2.3	ug/L	2.3	9.8	1.0
3 & 4 Methylphenol	2.4	ug/L	2.4	9.8	1.0
2-Nitroaniline	1.4	ug/L	1.4	49	1.0
3-Nitroaniline	1.2	ug/L	1.2	49	1.0
4-Nitroaniline	1.4	ug/L	1.4	49	1.0
Nitrobenzene	1.9	ug/L	1.9	9.8	1.0
2-Nitrophenol	1.2	ug/L	1.2	9.8	1.0
4-Nitrophenol	6.1	ug/L	6.1	49	1.0
N-Nitrosodimethylamine	2.4	ug/L	2.4	9.8	1.0
N-Nitrosodi-n-propylamine	1.9	ug/L	1.9	9.8	1.0
N-Nitrosodiphenylamine	1.6	ug/L	1.6	9.8	1.0
Pentachlorophenol	1.5	ug/L	1.5	15	1.0
Phenol	2.4	ug/L	2.4	3.9	1.0
2,3,4,6-Tetrachlorophenol	0.64	ug/L	0.64	9.8	1.0
1,2,4-Trichlorobenzene	1.2	ug/L	1.2	9.8	1.0
2,4,5-Trichlorophenol	2.1	ug/L	2.1	9.8	1.0
2,4,6-Trichlorophenol	1.9	ug/L	1.9	9.8	1.0
Surrogate				Acceptance Limits	
2-Fluorobiphenyl	42	%		36 - 124	
2-Fluorophenol	38	%		29 - 121	
Nitrobenzene-d5	44	%		34 - 130	
Phenol-d6 (Surr)	36	%		25 - 128	
Terphenyl-d14	15	%		14 - 148	
2,4,6-Tribromophenol	43	%		29 - 143	

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 Lab Sample ID: 660-40624-2

Date Sampled: 04/07/2011 1123
 Date Received: 04/07/2011 1425
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8270C Run Type: RA			Date Analyzed:	04/15/2011 1635	
Prep Method: 3520C			Date Prepared:	04/11/2011 1151	
Acetophenone	1.5	U	ug/L	1.5	9.8
2-Acetylaminofluorene	0.75	U	ug/L	0.75	9.8
4-Aminobiphenyl	0.79	U	ug/L	0.79	9.8
Diallate	1.4	U	ug/L	1.4	9.8
2,6-Dichlorophenol	1.6	U	ug/L	1.6	9.8
7,12-Dimethylbenz(a)anthracene	0.90	U	ug/L	0.90	9.8
3,3'-Dimethylbenzidine	14	U	ug/L	14	20
Ethyl methanesulfonate	1.3	U	ug/L	1.3	9.8
Hexachloropropene	0.65	U	ug/L	0.65	9.8
Isosafrole	1.6	U	ug/L	1.6	9.8
Kepone	37	U	ug/L	37	49
Methapyrilene	1.1	U	ug/L	1.1	2000
3-Methylcholanthrene	0.55	U	ug/L	0.55	9.8
Methyl methanesulfonate	1.2	U	ug/L	1.2	9.8
1,4-Naphthoquinone	1.1	U	ug/L	1.1	9.8
1-Naphthylamine	0.82	U	ug/L	0.82	9.8
2-Naphthylamine	0.98	U	ug/L	0.98	9.8
N-Nitro-o-toluidine	0.88	U	ug/L	0.88	9.8
N-Nitrosodiethylamine	1.5	U	ug/L	1.5	9.8
N-Nitrosodi-n-butylamine	1.5	U	ug/L	1.5	9.8
N-Nitrosomethylethylamine	1.6	U	ug/L	1.6	9.8
N-Nitrosopiperidine	0.85	U	ug/L	0.85	9.8
N-Nitrosopyrrolidine	1.2	U	ug/L	1.2	9.8
o,o',o"-Triethylphosphorothioate	1.8	U	ug/L	1.8	9.8
p-Dimethylamino azobenzene	0.66	U	ug/L	0.66	9.8
Pentachlorobenzene	0.97	U	ug/L	0.97	9.8
Pentachloronitrobenzene	1.5	U	ug/L	1.5	9.8
Phenacetin	0.82	U	ug/L	0.82	9.8
p-Phenylenediamine	3.0	U	ug/L	3.0	2000
Pronamide	0.69	U	ug/L	0.69	9.8
Safrole, Total	1.2	U	ug/L	1.2	9.8
1,2,4,5-Tetrachlorobenzene	1.1	U	ug/L	1.1	9.8
2-Toluidine	1.2	U	ug/L	1.2	9.8
1,3,5-Trinitrobenzene	0.60	U	ug/L	0.60	9.8
Method: Total Recoverable-6010B			Date Analyzed:	04/11/2011 1302	
Prep Method: 3005A			Date Prepared:	04/11/2011 0651	
Arsenic	4.0	U	ug/L	4.0	10
Cadmium	1.0	U	ug/L	1.0	4.0
Chromium	3.0	I	ug/L	2.0	10

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40624-2

Date Sampled: 04/07/2011 1123
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Iron	11000	ug/L	50	200	1.0
Lead	2.0	U	2.0	10	1.0
Sodium	30	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	04/11/2011 1629	
Chloride	66	mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed:	04/14/2011 1457	
Ammonia as N	2.1	mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40624-2

Date Sampled: 04/07/2011 1123
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/07/2011 1123	
Field pH	5.35	SU			1.0
Field Temperature	25.97	Degrees C			1.0
Oxygen, Dissolved	0.62	mg/L			1.0
Specific Conductance	331	umhos/cm			1.0
Turbidity	18.0	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40624-2

Date Sampled: 04/07/2011 1123
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	140	Date Analyzed: mg/L	04/13/2011 1458 5.0	5.0	1.0

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 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: Duplicate
Lab Sample ID: 660-40624-3

Date Sampled: 04/07/2011 0000
 Date Received: 04/07/2011 1425
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed: 04/11/2011 1318		
Prep Method: 3005A				Date Prepared: 04/11/2011 0651		
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	I	ug/L	2.0	10	1.0
Iron	220		ug/L	50	200	1.0
Lead	2.9	I	ug/L	2.0	10	1.0
Sodium	51		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed: 04/11/2011 1640		
Chloride	88		mg/L	0.40	1.0	2.0
Method: 350.1				Date Analyzed: 04/14/2011 1502		
Ammonia as N	1.8		mg/L	0.010	0.020	1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: Duplicate
Lab Sample ID: 660-40624-3

Date Sampled: 04/07/2011 0000
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	430	Date Analyzed: mg/L	04/13/2011 1458 5.0	5.0	1.0

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 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-19 WACS# 821
 Lab Sample ID: 660-40624-4

Date Sampled: 04/07/2011 1148
 Date Received: 04/07/2011 1425
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/11/2011 1321	
Prep Method: 3005A				Date Prepared:	04/11/2011 0651	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	14		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/11/2011 1327	
Chloride	8.2		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/14/2011 1503	
Ammonia as N	0.25		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-40624-4

Date Sampled: 04/07/2011 1148
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/07/2011 1148	
Field pH	7.32	SU			1.0
Field Temperature	23.46	Degrees C			1.0
Oxygen, Dissolved	0.39	mg/L			1.0
Specific Conductance	419	umhos/cm			1.0
Turbidity	0.3	NTU			1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-40624-4

Date Sampled: 04/07/2011 1148
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	220	Date Analyzed: mg/L	04/13/2011 1459 5.0	5.0	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40624-5

Date Sampled: 04/07/2011 1045
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/11/2011 1331	
Prep Method: 3005A				Date Prepared:	04/11/2011 0651	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.2	I	ug/L	2.0	10	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/11/2011 1434	
Chloride	7.9		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/14/2011 1505	
Ammonia as N	0.29		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40624-5

Date Sampled: 04/07/2011 1045
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/07/2011 1045	
Field pH	7.51	SU			1.0
Field Temperature	23.46	Degrees C			1.0
Oxygen, Dissolved	0.39	mg/L			1.0
Specific Conductance	387	umhos/cm			1.0
Turbidity	0.4	NTU			1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40624-5

Date Sampled: 04/07/2011 1045
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	04/13/2011 1459	
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40624-6

Date Sampled: 04/07/2011 1221
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/11/2011 1335	
Prep Method: 3005A				Date Prepared:	04/11/2011 0651	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	5.6	I	ug/L	2.0	10	1.0
Iron	680		ug/L	50	200	1.0
Lead	11		ug/L	2.0	10	1.0
Sodium	15		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/11/2011 1445	
Chloride	17		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/14/2011 1506	
Ammonia as N	0.22		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40624-6

Date Sampled: 04/07/2011 1221
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/07/2011 1221	
Field pH	7.20	SU			1.0
Field Temperature	23.72	Degrees C			1.0
Oxygen, Dissolved	0.34	mg/L			1.0
Specific Conductance	526	umhos/cm			1.0
Turbidity	16.6	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40624-6

Date Sampled: 04/07/2011 1221
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	290	Date Analyzed: mg/L	04/13/2011 1500 5.0	5.0	1.0

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 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-72 WACS# 27753
 Lab Sample ID: 660-40624-7

Date Sampled: 04/07/2011 1132
 Date Received: 04/07/2011 1425
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/11/2011 1338	
Prep Method: 3005A				Date Prepared:	04/11/2011 0651	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	220		ug/L	50	200	1.0
Lead	3.9	I	ug/L	2.0	10	1.0
Sodium	51		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/11/2011 1715	
Chloride	87		mg/L	1.0	2.5	5.0
Method: 350.1				Date Analyzed:	04/14/2011 1507	
Ammonia as N	1.9		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40624-7

Date Sampled: 04/07/2011 1132
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/07/2011 1132	
Field pH	7.35	SU			1.0
Field Temperature	23.13	Degrees C			1.0
Oxygen, Dissolved	0.92	mg/L			1.0
Specific Conductance	810	umhos/cm			1.0
Turbidity	6.1	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40624-7

Date Sampled: 04/07/2011 1132
Date Received: 04/07/2011 1425
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	420	Date Analyzed: mg/L	04/13/2011 1500 5.0	5.0	1.0

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
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Job Number: 660-40624-1

Client Sample ID: Blank, Travel 40624
 Lab Sample ID: 660-40624-8

Date Sampled: 04/07/2011 1000
 Date Received: 04/07/2011 1425
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	04/11/2011 1326	
Prep Method: 5030B			Date Prepared:	04/11/2011 1326	
Acetone	9.9	U	ug/L	9.9	20
Acetonitrile	20	U	ug/L	20	20
Acrolein	3.8	U	ug/L	3.8	5.0
Acrylonitrile	1.2	U	ug/L	1.2	10
Allyl chloride	2.5	U	ug/L	2.5	5.0
Benzene	0.50	U	ug/L	0.50	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 (MEK)	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
Chlorobromomethane	0.58	U	ug/L	0.58	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0
Chloform	0.90	U	ug/L	0.90	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0
Chloroprene	2.5	U	ug/L	2.5	5.0
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
Dibromomethane	0.41	U	ug/L	0.41	1.0
Dichlorodifluoromethane	2.5	U	ug/L	2.5	5.0
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
1,3-Dichloropropane	0.39	U	ug/L	0.39	1.0
2,2-Dichloropropane	0.36	U	ug/L	0.36	1.0
1,1-Dichloropropene	0.31	U	ug/L	0.31	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0
Ethyl methacrylate	2.5	U	ug/L	2.5	5.0
2-Hexanone	4.4	U	ug/L	4.4	10
Iodomethane	2.5	U	ug/L	2.5	5.0
Isobutyl alcohol	31	U	ug/L	31	200
Methacrylonitrile	1.8	U	ug/L	1.8	100
Methylene Chloride	4.0	U	ug/L	4.0	5.0
Methyl methacrylate	2.5	U	ug/L	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	10

Mr. David S Adams
 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
 2nd Floor, 332 North Falkenburg Rd
 Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: Blank, Travel 40624
 Lab Sample ID: 660-40624-8

Date Sampled: 04/07/2011 1000
 Date Received: 04/07/2011 1425
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Propionitrile	7.2	ug/L	7.2	100	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
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	100	%		70 - 130	
Dibromofluoromethane	97	%		70 - 130	
Toluene-d8 (Surf)	98	%		70 - 130	
Acceptance Limits					

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-28A WACS#19862
Lab Sample ID: 660-40651-1

Date Sampled: 04/08/2011 1026
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	04/13/2011 1321	
Prep Method: 3005A			Date Prepared:	04/13/2011 0718	
Arsenic	4.0	U	ug/L	4.0	1.0
Cadmium	1.0	U	ug/L	1.0	1.0
Chromium	2.0	U	ug/L	2.0	1.0
Iron	3100		ug/L	50	1.0
Lead	2.0	U	ug/L	2.0	1.0
Sodium	19		mg/L	0.31	0.50
Method: 300.0			Date Analyzed:	04/13/2011 1244	
Chloride	49		mg/L	0.20	0.50
Method: 350.1			Date Analyzed:	04/14/2011 1508	
Ammonia as N	1.1		mg/L	0.010	0.020

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-28A WACS#19862
Lab Sample ID: 660-40651-1

Date Sampled: 04/08/2011 1026
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/08/2011 1026	
Field pH	5.30	SU			1.0
Field Temperature	26.19	Degrees C			1.0
Oxygen, Dissolved	0.63	mg/L			1.0
Specific Conductance	240	umhos/cm			1.0
Turbidity	4.1	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-28A WACS#19862
Lab Sample ID: 660-40651-1

Date Sampled: 04/08/2011 1026
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	120	mg/L	Date Analyzed: 04/14/2011 1246 5.0	5.0	1.0

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Solid Waste Management Group, BOSC
2nd Floor, 332 North Falkenburg Rd
Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40651-2

Date Sampled: 04/08/2011 1117
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/13/2011 1333	
Prep Method: 3005A				Date Prepared:	04/13/2011 0718	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	8.8		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/13/2011 1310	
Chloride	10	J3	mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/14/2011 1509	
Ammonia as N	0.12		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
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Job Number: 660-40624-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40651-2

Date Sampled: 04/08/2011 1117
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/08/2011 1117	
Field pH	7.50	SU			1.0
Field Temperature	24.46	Degrees C			1.0
Oxygen, Dissolved	0.05	mg/L			1.0
Specific Conductance	359	umhos/cm			1.0
Turbidity	0.1	NTU			1.0

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Hillsborough County
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Job Number: 660-40624-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40651-2

Date Sampled: 04/08/2011 1117
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	190	mg/L	Date Analyzed: 04/14/2011 1247 5.0	5.0	1.0

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 Hillsborough County
 Public Utilities Dept
 Solid Waste Management Group, BOSC
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 Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: SUP 1 WACS# 27755
 Lab Sample ID: 660-40651-3

Date Sampled: 04/08/2011 1143
 Date Received: 04/08/2011 1315
 Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 04/13/2011 1343			
Prep Method: 3005A			Date Prepared: 04/13/2011 0718			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	8.8		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 04/13/2011 1337			
Chloride	9.7		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 04/14/2011 1511			
Ammonia as N	0.16		mg/L	0.010	0.020	1.0

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Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
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Job Number: 660-40624-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40651-3

Date Sampled: 04/08/2011 1143
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/08/2011 1143	
Field pH	7.53	SU			1.0
Field Temperature	24.54	Degrees C			1.0
Oxygen, Dissolved	0.04	mg/L			1.0
Specific Conductance	354	umhos/cm			1.0
Turbidity	0.0	NTU			1.0

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Hillsborough County
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Job Number: 660-40624-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40651-3

Date Sampled: 04/08/2011 1143
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	190	mg/L	5.0	5.0	1.0
			Date Analyzed:	04/14/2011 1248	

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Hillsborough County
Public Utilities Dept
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Job Number: 660-40624-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40651-4

Date Sampled: 04/08/2011 0934
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/13/2011 1346	
Prep Method: 3005A				Date Prepared:	04/13/2011 0718	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	210		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	21		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/15/2011 1518	
Chloride	59	J3	mg/L	0.40	1.0	2.0
Method: 350.1				Date Analyzed:	04/14/2011 1514	
Ammonia as N	1.3	J3	mg/L	0.010	0.020	1.0

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Job Number: 660-40624-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40651-4

Date Sampled: 04/08/2011 0934
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/08/2011 0934	
Field pH	4.69	SU			1.0
Field Temperature	23.62	Degrees C			1.0
Oxygen, Dissolved	0.19	mg/L			1.0
Specific Conductance	242	umhos/cm			1.0
Turbidity	2.3	NTU			1.0

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Job Number: 660-40624-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40651-4

Date Sampled: 04/08/2011 0934
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	120	mg/L	04/14/2011 1248 5.0	5.0	1.0

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 Public Utilities Dept
 Solid Waste Management Group, BOSC
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Job Number: 660-40624-1

Client Sample ID: TH-58 WACS# 1571
 Lab Sample ID: 660-40651-5

Date Sampled: 04/08/2011 1006
 Date Received: 04/08/2011 1315
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	04/13/2011 1349	
Prep Method: 3005A			Date Prepared:	04/13/2011 0718	
Arsenic	26	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0
Chromium	2.3	I	ug/L	2.0	1.0
Iron	4600		ug/L	50	200
Lead	2.0	U	ug/L	2.0	1.0
Sodium	16		mg/L	0.31	0.50
Method: 300.0			Date Analyzed:	04/15/2011 1616	
Chloride	57		mg/L	0.40	1.0
Method: 350.1			Date Analyzed:	04/14/2011 1518	
Ammonia as N	0.82		mg/L	0.010	0.020
					1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
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Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40651-5

Date Sampled: 04/08/2011 1006
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/08/2011 1006	
Field pH	5.73	SU			1.0
Field Temperature	25.36	Degrees C			1.0
Oxygen, Dissolved	0.28	mg/L			1.0
Specific Conductance	459	umhos/cm			1.0
Turbidity	0.9	NTU			1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
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Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40651-5

Date Sampled: 04/08/2011 1006
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	250	Date Analyzed: mg/L	04/14/2011 1248 5.0	5.0	1.0

Mr. David S Adams
Hillsborough County
Public Utilities Dept
Solid Waste Management Group, BOSC
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Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40651-6

Date Sampled: 04/08/2011 1046
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B				Date Analyzed:	04/13/2011 1353	
Prep Method: 3005A				Date Prepared:	04/13/2011 0718	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	500		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	12		mg/L	0.31	0.50	1.0
Method: 300.0				Date Analyzed:	04/13/2011 1457	
Chloride	41		mg/L	0.20	0.50	1.0
Method: 350.1				Date Analyzed:	04/14/2011 1519	
Ammonia as N	0.87		mg/L	0.010	0.020	1.0

Mr. David S Adams
Hillsborough County
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Job Number: 660-40624-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40651-6

Date Sampled: 04/08/2011 1046
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	04/08/2011 1046	
Field pH	5.18	SU			1.0
Field Temperature	25.56	Degrees C			1.0
Oxygen, Dissolved	0.19	mg/L			1.0
Specific Conductance	187	umhos/cm			1.0
Turbidity	0.4	NTU			1.0

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Hillsborough County
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Tampa, FL 33619

Job Number: 660-40624-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40651-6

Date Sampled: 04/08/2011 1046
Date Received: 04/08/2011 1315
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids	80	mg/L	Date Analyzed: 04/14/2011 1249 5.0	5.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-40624-1

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108777**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	MB 660-108777/4	Analysis Batch:	660-108777	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD1106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/11/2011 0816	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/11/2011 0816				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acetonitrile	20	U	20	20
Acrolein	3.8	U	3.8	5.0
Acrylonitrile	1.2	U	1.2	10
Allyl chloride	2.5	U	2.5	5.0
Benzene	0.50	U	0.50	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 (MEK)	8.4	U	8.4	10
Carbon disulfide	1.0	U	1.0	2.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
Chloroprene	2.5	U	2.5	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
Ethylbenzene	0.44	U	0.44	1.0
Ethyl methacrylate	2.5	U	2.5	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	2.5	U	2.5	5.0
Isobutyl alcohol	31	U	31	200
Methacrylonitrile	1.8	U	1.8	100
Methylene Chloride	4.0	U	4.0	5.0
Methyl methacrylate	2.5	U	2.5	5.0
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Propionitrile	7.2	U	7.2	100
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

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108777

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 660-108777/4	Analysis Batch:	660-108777	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD1106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/11/2011 0816	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/11/2011 0816				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
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

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	99	70 - 130
Dibromofluoromethane	95	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Lab Control Sample - Batch: 660-108777**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	LCS 660-108777/3	Analysis Batch:	660-108777	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD1104.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/11/2011 0723	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/11/2011 0723				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	36.6	92	62 - 142	
Acetonitrile	400	378	94	70 - 130	
Acrolein	100	141	141	54 - 145	
Acrylonitrile	40.0	43.1	108	59 - 146	
Allyl chloride	40.0	38.5	96	70 - 130	
Benzene	20.0	19.4	97	68 - 134	
Bromodichloromethane	20.0	19.6	98	70 - 130	
Bromoform	20.0	16.6	83	65 - 130	
Bromomethane	20.0	16.9	84	22 - 150	
2-Butanone (MEK)	40.0	42.7	107	63 - 140	
Carbon disulfide	40.0	37.2	93	30 - 150	
Carbon tetrachloride	20.0	19.1	95	61 - 134	
Chlorobenzene	20.0	19.6	98	70 - 130	
Chlorobromomethane	20.0	19.2	96	70 - 130	
Chlorodibromomethane	20.0	19.7	98	70 - 130	
Chloroethane	20.0	18.8	94	39 - 150	
Chloroform	20.0	19.6	98	68 - 130	
Chloromethane	20.0	16.1	81	35 - 150	
Chloroprene	20.0	21.3	106	70 - 130	
cis-1,2-Dichloroethene	20.0	19.3	97	66 - 130	
cis-1,3-Dichloropropene	20.0	19.4	97	70 - 130	
Dibromomethane	20.0	20.1	100	70 - 130	
Dichlorodifluoromethane	20.0	13.8	69	16 - 149	
1,1-Dichloroethane	20.0	19.4	97	66 - 130	
1,2-Dichloroethane	20.0	18.2	91	70 - 130	
1,1-Dichloroethene	20.0	18.0	90	51 - 150	
1,2-Dichloropropane	20.0	20.3	102	70 - 130	
1,3-Dichloropropane	20.0	20.4	102	70 - 130	
2,2-Dichloropropane	20.0	19.0	95	66 - 134	
1,1-Dichloropropene	20.0	19.2	96	65 - 136	
Ethylbenzene	20.0	20.0	100	70 - 130	
Ethyl methacrylate	40.0	43.6	109	70 - 130	
2-Hexanone	40.0	42.5	106	60 - 148	
Iodomethane	40.0	33.3	83	70 - 130	
Isobutyl alcohol	400	391	98	70 - 130	
Methacrylonitrile	40.0	42.3	106	70 - 130	I
Methylene Chloride	20.0	18.5	92	57 - 130	
Methyl methacrylate	40.0	38.2	95	70 - 130	
4-Methyl-2-pentanone (MIBK)	40.0	43.7	109	64 - 137	
Propionitrile	40.0	41.2	103	70 - 130	I
Styrene	20.0	18.3	92	68 - 131	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Lab Control Sample - Batch: 660-108777

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 660-108777/3	Analysis Batch:	660-108777	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD1104.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/11/2011 0723	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/11/2011 0723				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	20.0	19.7	98	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	20.3	101	70 - 130	
Tetrachloroethene	20.0	20.1	101	50 - 143	
Toluene	20.0	19.9	99	70 - 131	
trans-1,4-Dichloro-2-butene	40.0	39.0	98	70 - 130	
trans-1,2-Dichloroethene	20.0	18.7	94	62 - 139	
trans-1,3-Dichloropropene	20.0	19.1	96	67 - 130	
1,1,1-Trichloroethane	20.0	18.8	94	63 - 132	
1,1,2-Trichloroethane	20.0	19.9	99	70 - 130	
Trichloroethene	20.0	19.5	97	63 - 139	
Trichlorofluoromethane	20.0	19.9	100	62 - 146	
1,2,3-Trichloropropane	20.0	20.9	105	66 - 130	
Vinyl acetate	20.0	17.1	86	31 - 146	
Vinyl chloride	20.0	17.4	87	48 - 147	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Matrix Spike - Batch: 660-108777

Method: 8260B

Preparation: 5030B

Lab Sample ID:	660-40624-2	Analysis Batch:	660-108777	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD1109.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/11/2011 0936	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/11/2011 0936				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	9.9	U	40.0	37.5	94	62 - 142
Acetonitrile	20	U	400	382	96	70 - 130
Acrolein	3.8	U	100	132	132	54 - 145
Acrylonitrile	1.2	U	40.0	46.4	116	59 - 146
Allyl chloride	2.5	U	40.0	36.6	91	70 - 130
Benzene	0.50	U	20.0	18.2	91	68 - 134
Bromodichloromethane	0.35	U	20.0	19.4	97	70 - 130
Bromoform	0.58	U	20.0	16.9	84	65 - 130
Bromomethane	2.5	U	20.0	12.4	62	22 - 150
2-Butanone (MEK)	8.4	U	40.0	43.1	108	63 - 140
Carbon disulfide	1.0	U	40.0	28.0	70	30 - 150
Carbon tetrachloride	0.42	U	20.0	13.9	69	61 - 134
Chlorobenzene	0.63	U	20.0	19.2	96	70 - 130
Chlorobromomethane	0.58	U	20.0	20.2	101	70 - 130
Chlorodibromomethane	0.34	U	20.0	20.2	101	70 - 130
Chloroethane	2.5	U	20.0	17.6	88	39 - 150
Chloroform	0.90	U	20.0	18.4	92	68 - 130
Chloromethane	1.0	U	20.0	13.6	68	35 - 150
Chloroprene	2.5	U	20.0	16.6	83	70 - 130
cis-1,2-Dichloroethene	0.65	U	20.0	18.3	91	66 - 130
cis-1,3-Dichloropropene	0.14	U	20.0	19.2	96	70 - 130
Dibromomethane	0.41	U	20.0	20.5	103	70 - 130
Dichlorodifluoromethane	2.5	U	20.0	8.54	43	16 - 149
1,1-Dichloroethane	0.52	U	20.0	17.9	90	66 - 130
1,2-Dichloroethane	0.57	U	20.0	18.8	94	70 - 130
1,1-Dichloroethene	0.45	U	20.0	13.9	70	51 - 150
1,2-Dichloropropane	0.52	U	20.0	20.6	103	70 - 130
1,3-Dichloropropane	0.39	U	20.0	21.4	107	70 - 130
2,2-Dichloropropane	0.36	U	20.0	15.6	78	66 - 134
1,1-Dichloropropene	0.31	U	20.0	14.4	72	65 - 136
Ethylbenzene	0.44	U	20.0	17.6	88	70 - 130
Ethyl methacrylate	2.5	U	40.0	46.0	115	70 - 130
2-Hexanone	4.4	U	40.0	42.1	105	60 - 148
Iodomethane	2.5	U	40.0	21.3	53	70 - 130
Isobutyl alcohol	31	U	400	453	113	70 - 130
Methacrylonitrile	1.8	U	40.0	45.0	112	70 - 130
Methylene Chloride	4.0	U	20.0	19.4	97	57 - 130
Methyl methacrylate	2.5	U	40.0	41.2	103	70 - 130
4-Methyl-2-pentanone (MIBK)	3.8	U	40.0	46.4	116	64 - 137
Propionitrile	7.2	U	40.0	47.5	119	70 - 130
Styrene	0.98	U	20.0	17.9	89	68 - 131

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Matrix Spike - Batch: 660-108777

Method: 8260B

Preparation: 5030B

Lab Sample ID:	660-40624-2	Analysis Batch:	660-108777	Instrument ID:	BVMG5973
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1GD1109.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/11/2011 0936	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/11/2011 0936				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	0.63 U	20.0	19.0	95	70 - 130	
1,1,2,2-Tetrachloroethane	0.15 U	20.0	21.2	106	70 - 130	
Tetrachloroethene	0.50 U	20.0	16.7	83	50 - 143	
Toluene	0.51 U	20.0	18.1	91	70 - 131	
trans-1,4-Dichloro-2-butene	2.5 U	40.0	42.0	105	70 - 130	
trans-1,2-Dichloroethene	0.44 U	20.0	15.9	79	62 - 139	
trans-1,3-Dichloropropene	0.14 U	20.0	19.6	98	67 - 130	
1,1,1-Trichloroethane	0.46 U	20.0	15.2	76	63 - 132	
1,1,2-Trichloroethane	0.47 U	20.0	20.7	104	70 - 130	
Trichloroethene	0.50 U	20.0	16.6	83	63 - 139	
Trichlorofluoromethane	2.5 U	20.0	12.9	65	62 - 146	
1,2,3-Trichloropropane	0.18 U	20.0	22.7	113	66 - 130	
Vinyl acetate	1.5 U	20.0	17.7	89	31 - 146	
Vinyl chloride	0.50 U	20.0	12.9	65	48 - 147	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Duplicate - Batch: 660-108777

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-40624-2
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/11/2011 0914
 Prep Date: 04/11/2011 0914
 Leach Date: N/A

Analysis Batch: 660-108777
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: BVMG5973
 Lab File ID: 1GD1108.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Acetone	9.9	U	9.9	NC	30
Acetonitrile	20	U	20	NC	30
Acrolein	3.8	U	3.8	NC	30
Acrylonitrile	1.2	U	1.2	NC	30
Allyl chloride	2.5	U	2.5	NC	30
Benzene	0.50	U	0.50	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 (MEK)	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
Chlorobromomethane	0.58	U	0.58	NC	30
Chlorodibromomethane	0.34	U	0.34	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
Chloroprene	2.5	U	2.5	NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	NC	30
cis-1,3-Dichloropropene	0.14	U	0.14	NC	30
Dibromomethane	0.41	U	0.41	NC	30
Dichlorodifluoromethane	2.5	U	2.5	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
1,3-Dichloropropane	0.39	U	0.39	NC	30
2,2-Dichloropropane	0.36	U	0.36	NC	30
1,1-Dichloropropene	0.31	U	0.31	NC	30
Ethylbenzene	0.44	U	0.44	NC	30
Ethyl methacrylate	2.5	U	2.5	NC	30
2-Hexanone	4.4	U	4.4	NC	30
Iodomethane	2.5	U	2.5	NC	30
Isobutyl alcohol	31	U	31	NC	30
Methacrylonitrile	1.8	U	1.8	NC	30
Methylene Chloride	4.0	U	4.0	NC	30
Methyl methacrylate	2.5	U	2.5	NC	30
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	NC	30
Propionitrile	7.2	U	7.2	NC	30
Styrene	0.98	U	0.98	NC	30

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Duplicate - Batch: 660-108777

Method: 8260B

Preparation: 5030B

Lab Sample ID: 660-40624-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/11/2011 0914
Prep Date: 04/11/2011 0914
Leach Date: N/A

Analysis Batch: 660-108777
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: BVMG5973
Lab File ID: 1GD1108.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual	
1,1,1,2-Tetrachloroethane	0.63	U	0.63	NC	30	U
1,1,2,2-Tetrachloroethane	0.15	U	0.15	NC	30	U
Tetrachloroethene	0.50	U	0.50	NC	30	U
Toluene	0.51	U	0.51	NC	30	U
trans-1,4-Dichloro-2-butene	2.5	U	2.5	NC	30	U
trans-1,2-Dichloroethene	0.44	U	0.44	NC	30	U
trans-1,3-Dichloropropene	0.14	U	0.14	NC	30	U
1,1,1-Trichloroethane	0.46	U	0.46	NC	30	U
1,1,2-Trichloroethane	0.47	U	0.47	NC	30	U
Trichloroethene	0.50	U	0.50	NC	30	U
Trichlorofluoromethane	2.5	U	2.5	NC	30	U
1,2,3-Trichloropropene	0.18	U	0.18	NC	30	U
Vinyl acetate	1.5	U	1.5	NC	30	U
Vinyl chloride	0.50	U	0.50	NC	30	U
Xylenes, Total	0.50	U	0.50	NC	30	U

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

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108748

Method: 8270C

Preparation: 3520C

Lab Sample ID: MB 660-108748/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/12/2011 1346
 Prep Date: 04/11/2011 1151
 Leach Date: N/A

Analysis Batch: 660-108844
 Prep Batch: 660-108748
 Leach Batch: N/A
 Units: ug/L

Instrument ID: BSMC5973
 Lab File ID: 1CD12006.D
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

Analyte	Result	Qual	MDL	PQL
Benzyl alcohol	2.9	U	2.9	10
Bis(2-chloroethoxy)methane	2.0	U	2.0	10
Bis(2-chloroethyl)ether	2.6	U	2.6	10
bis(2 chloro-1-methylethyl) ether	2.1	U	2.1	10
Bis(2-ethylhexyl) phthalate	1.3	U	1.3	6.0
4-Bromophenyl phenyl ether	1.7	U	1.7	10
Butyl benzyl phthalate	1.2	U	1.2	10
4-Chloroaniline	2.1	U	2.1	20
4-Chloro-3-methylphenol	1.7	U	1.7	10
2-Chloronaphthalene	1.6	U	1.6	10
2-Chlorophenol	2.1	U	2.1	10
4-Chlorophenyl phenyl ether	1.8	U	1.8	10
Dibenzofuran	1.6	U	1.6	10
1,2-Dichlorobenzene	1.1	U	1.1	10
1,3-Dichlorobenzene	1.1	U	1.1	10
1,4-Dichlorobenzene	1.2	U	1.2	10
3,3'-Dichlorobenzidine	1.6	U	1.6	20
2,4-Dichlorophenol	1.8	U	1.8	10
Diethyl phthalate	2.5	U	2.5	10
2,4-Dimethylphenol	1.8	U	1.8	10
Dimethyl phthalate	2.5	U	2.5	10
Di-n-butyl phthalate	2.5	U	2.5	10
1,3-Dinitrobenzene	0.99	U	0.99	10
4,6-Dinitro-2-methylphenol	1.5	U	1.5	50
2,4-Dinitrophenol	6.2	U	6.2	50
2,4-Dinitrotoluene	0.91	U	0.91	10
2,6-Dinitrotoluene	0.72	U	0.72	10
Di-n-octyl phthalate	2.5	U	2.5	10
Hexachlorobenzene	1.7	U	1.7	4.0
Hexachlorobutadiene	1.0	U	1.0	10
Hexachlorocyclopentadiene	1.2	U	1.2	10
Hexachloroethane	0.85	U	0.85	10
Isophorone	1.4	U	1.4	10
2-Methylphenol	2.3	U	2.3	10
3 & 4 Methylphenol	2.4	U	2.4	10
2-Nitroaniline	1.4	U	1.4	50
3-Nitroaniline	1.2	U	1.2	50
4-Nitroaniline	1.4	U	1.4	50
Nitrobenzene	1.9	U	1.9	10
2-Nitrophenol	1.2	U	1.2	10
4-Nitrophenol	6.2	U	6.2	50
N-Nitrosodimethylamine	2.4	U	2.4	10
N-Nitrosodi-n-propylamine	1.9	U	1.9	10
N-Nitrosodiphenylamine	1.6	U	1.6	10
Pentachlorophenol	1.5	U	1.5	15

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108748**Method: 8270C****Preparation: 3520C**

Lab Sample ID:	MB 660-108748/1-A	Analysis Batch:	660-108844	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108748	Lab File ID:	1CD12006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	04/12/2011 1346	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/11/2011 1151			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Phenol	2.4	U	2.4	4.0
2,3,4,6-Tetrachlorophenol	0.65	U	0.65	10
1,2,4-Trichlorobenzene	1.2	U	1.2	10
2,4,5-Trichlorophenol	2.1	U	2.1	10
2,4,6-Trichlorophenol	1.9	U	1.9	10
Surrogate		% Rec	Acceptance Limits	
2-Fluorobiphenyl	82		36 - 124	
2-Fluorophenol	62		29 - 121	
Nitrobenzene-d5	81		34 - 130	
Phenol-d6 (Surr)	54		25 - 128	
Terphenyl-d14	64		14 - 148	
2,4,6-Tribromophenol	82		29 - 143	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108748

Method: 8270C

Preparation: 3520C

Lab Sample ID:	MB 660-108748/1-ARA	Analysis Batch:	660-109004	Instrument ID:	BSMD5973
Client Matrix:	Water	Prep Batch:	660-108748	Lab File ID:	1DD15013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	04/15/2011 1426	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/11/2011 1151	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Acetophenone	1.5	U	1.5	10
2-Acetylaminofluorene	0.77	U	0.77	10
4-Aminobiphenyl	0.81	U	0.81	10
Diallate	1.4	U	1.4	10
2,6-Dichlorophenol	1.6	U	1.6	10
7,12-Dimethylbenz(a)anthracene	0.92	U	0.92	10
3,3'-Dimethylbenzidine	14	U	14	20
Ethyl methanesulfonate	1.3	U	1.3	10
Hexachloropropene	0.66	U	0.66	10
Isosafrole	1.6	U	1.6	10
Kepone	37	U	37	50
Methapyrilene	1.1	U	1.1	2000
3-Methylcholanthrene	0.56	U	0.56	10
Methyl methanesulfonate	1.2	U	1.2	10
1,4-Naphthoquinone	1.1	U	1.1	10
1-Naphthylamine	0.84	U	0.84	10
2-Naphthylamine	1.0	U	1.0	10
N-Nitro-o-toluidine	0.90	U	0.90	10
N-Nitrosodiethylamine	1.5	U	1.5	10
N-Nitrosodi-n-butylamine	1.5	U	1.5	10
N-Nitrosomethylalkylamine	1.6	U	1.6	10
N-Nitrosopiperidine	0.87	U	0.87	10
N-Nitrosopyrrolidine	1.2	U	1.2	10
o,o',o"-Triethylphosphorothioate	1.8	U	1.8	10
p-Dimethylamino azobenzene	0.67	U	0.67	10
Pentachlorobenzene	0.99	U	0.99	10
Pentachloronitrobenzene	1.5	U	1.5	10
Phenacetin	0.84	U	0.84	10
p-Phenylenediamine	3.1	U	3.1	2000
Pronamide	0.70	U	0.70	10
Safrole, Total	1.2	U	1.2	10
1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	10
2-Toluidine	1.2	U	1.2	10
1,3,5-Trinitrobenzene	0.61	U	0.61	10

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Lab Control Sample - Batch: 660-108748

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 660-108748/2-A	Analysis Batch:	660-108844	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108748	Lab File ID:	1CD12007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	04/12/2011 1407	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/11/2011 1151			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzyl alcohol	100	59.2	59	26 - 130	
Bis(2-chloroethoxy)methane	100	74.5	74	39 - 132	
Bis(2-chloroethyl)ether	100	76.4	76	34 - 135	
bis(2 chloro-1-methylethyl) ether	100	73.1	73	30 - 130	
Bis(2-ethylhexyl) phthalate	100	66.2	66	45 - 134	
4-Bromophenyl phenyl ether	100	82.5	82	46 - 130	
Butyl benzyl phthalate	100	72.3	72	43 - 135	
4-Chloroaniline	100	19.3	19	10 - 130	I
4-Chloro-3-methylphenol	100	74.7	75	41 - 130	
2-Chloronaphthalene	100	77.5	77	45 - 130	
2-Chlorophenol	100	75.6	76	40 - 130	
4-Chlorophenyl phenyl ether	100	79.0	79	45 - 134	
Dibenzofuran	100	78.5	78	46 - 133	
1,2-Dichlorobenzene	100	67.9	68	35 - 130	
1,3-Dichlorobenzene	100	62.5	63	33 - 130	
1,4-Dichlorobenzene	100	64.4	64	38 - 130	
3,3'-Dichlorobenzidine	100	27.4	27	10 - 130	
2,4-Dichlorophenol	100	78.8	79	40 - 135	
Diethyl phthalate	100	81.8	82	50 - 132	
2,4-Dimethylphenol	100	65.6	66	44 - 130	
Dimethyl phthalate	100	80.8	81	52 - 132	
Di-n-butyl phthalate	100	81.4	81	50 - 130	
1,3-Dinitrobenzene	100	76.8	77	10 - 150	
4,6-Dinitro-2-methylphenol	100	79.1	79	32 - 134	
2,4-Dinitrophenol	100	63.5	63	10 - 150	
2,4-Dinitrotoluene	100	82.0	82	48 - 131	
2,6-Dinitrotoluene	100	81.9	82	54 - 132	
Di-n-octyl phthalate	100	73.3	73	37 - 136	
Hexachlorobenzene	100	77.6	78	35 - 136	
Hexachlorobutadiene	100	65.2	65	34 - 130	
Hexachlorocyclopentadiene	100	29.8	30	10 - 130	
Hexachloroethane	100	59.1	59	31 - 130	
Isophorone	100	77.1	77	46 - 150	
2-Methylphenol	100	69.5	69	40 - 130	
2-Nitroaniline	100	56.2	56	52 - 130	
3-Nitroaniline	100	82.0	82	25 - 130	
4-Nitroaniline	100	67.0	67	39 - 130	
Nitrobenzene	100	75.9	76	45 - 130	
2-Nitrophenol	100	80.3	80	44 - 134	
4-Nitrophenol	100	47.9	48	25 - 130	I
N-Nitrosodimethylamine	100	50.0	50	24 - 130	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Lab Control Sample - Batch: 660-108748

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 660-108748/2-A	Analysis Batch:	660-108844	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108748	Lab File ID:	1CD12007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	04/12/2011 1407	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/11/2011 1151			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodi-n-propylamine	100	77.9	78	37 - 130	
N-Nitrosodiphenylamine	100	61.3	61	28 - 139	
Pentachlorophenol	100	84.5	85	30 - 134	
Phenol	100	47.9	48	18 - 130	
2,3,4,6-Tetrachlorophenol	100	75.3	75	10 - 130	
1,2,4-Trichlorobenzene	100	64.8	65	39 - 130	
2,4,5-Trichlorophenol	100	82.5	82	48 - 130	
2,4,6-Trichlorophenol	100	83.3	83	47 - 131	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Matrix Spike - Batch: 660-108748

Method: 8270C

Preparation: 3520C

Lab Sample ID:	660-40613-K-3-A MS	Analysis Batch:	660-108844	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108748	Lab File ID:	1CD12015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1055 mL
Analysis Date:	04/12/2011 1652	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/11/2011 1151			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Benzyl alcohol	0.000	U	94.8	29.3	31	26 - 130
Bis(2-chloroethoxy)methane	0.000	U	94.8	31.5	33	39 - 132
Bis(2-chloroethyl)ether	0.000	U	94.8	32.2	34	34 - 135
bis(2 chloro-1-methylethyl) ether	0.000	U	94.8	29.0	31	30 - 130
Bis(2-ethylhexyl) phthalate	0.000	U	94.8	39.7	42	45 - 134
4-Bromophenyl phenyl ether	0.000	U	94.8	56.7	60	46 - 130
Butyl benzyl phthalate	0.000	U	94.8	50.6	53	43 - 135
4-Chloroaniline	0.000	U	94.8	7.52	8	10 - 130
4-Chloro-3-methylphenol	0.000	U	94.8	40.7	43	41 - 130
2-Choronaphthalene	0.000	U	94.8	41.2	44	45 - 130
2-Chlorophenol	0.000	U	94.8	31.1	33	40 - 130
4-Chlorophenyl phenyl ether	0.000	U	94.8	51.8	55	45 - 134
Dibenzofuran	0.000	U	94.8	49.1	52	46 - 133
1,2-Dichlorobenzene	0.000	U	94.8	30.9	33	35 - 130
1,3-Dichlorobenzene	0.000	U	94.8	29.1	31	33 - 130
1,4-Dichlorobenzene	0.000	U	94.8	30.2	32	38 - 130
3,3'-Dichlorobenzidine	0.000	U	94.8	1.5	0	10 - 130
2,4-Dichlorophenol	0.000	U	94.8	34.4	36	40 - 135
Diethyl phthalate	0.000	U	94.8	44.4	47	50 - 132
2,4-Dimethylphenol	0.000	U	94.8	32.8	35	44 - 130
Dimethyl phthalate	0.000	U	94.8	43.3	46	52 - 132
Di-n-butyl phthalate	0.000	U	94.8	58.3	61	50 - 130
1,3-Dinitrobenzene	0.000	U	94.8	44.6	47	10 - 150
4,6-Dinitro-2-methylphenol	0.000	U	94.8	56.6	60	32 - 134
2,4-Dinitrophenol	0.000	U	94.8	39.0	41	10 - 150
2,4-Dinitrotoluene	0.000	U	94.8	50.1	53	48 - 131
2,6-Dinitrotoluene	0.000	U	94.8	44.7	47	54 - 132
Di-n-octyl phthalate	0.000	U	94.8	46.4	49	37 - 136
Hexachlorobenzene	0.000	U	94.8	47.6	50	35 - 136
Hexachlorobutadiene	0.000	U	94.8	30.5	32	34 - 130
Hexachlorocyclopentadiene	0.000	U	94.8	15.7	17	10 - 130
Hexachloroethane	0.000	U	94.8	27.3	29	31 - 130
Isophorone	0.000	U	94.8	33.3	35	46 - 150
2-Methylphenol	0.000	U	94.8	30.7	32	40 - 130
2-Nitroaniline	0.000	U	94.8	29.1	31	52 - 130
3-Nitroaniline	0.000	U	94.8	45.9	48	25 - 130
4-Nitroaniline	0.000	U	94.8	39.7	42	39 - 130
Nitrobenzene	0.000	U	94.8	34.5	36	45 - 130
2-Nitrophenol	0.000	U	94.8	35.6	38	44 - 134
4-Nitrophenol	0.000	U	94.8	34.9	37	25 - 130
N-Nitrosodimethylamine	0.000	U	94.8	24.7	26	24 - 130

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Matrix Spike - Batch: 660-108748

Method: 8270C
Preparation: 3520C

Lab Sample ID:	660-40613-K-3-A MS	Analysis Batch:	660-108844	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108748	Lab File ID:	1CD12015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1055 mL
Analysis Date:	04/12/2011 1652	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/11/2011 1151			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodi-n-propylamine	0.000	U	94.8	32.3	34	37 - 130
N-Nitrosodiphenylamine	0.000	U	94.8	37.6	40	28 - 139
Pentachlorophenol	0.000	U	94.8	61.0	64	30 - 134
Phenol	0.000	U	94.8	24.0	25	18 - 130
2,3,4,6-Tetrachlorophenol	0.000	U	94.8	47.2	50	10 - 130
1,2,4-Trichlorobenzene	0.000	U	94.8	31.8	34	39 - 130
2,4,5-Trichlorophenol	0.000	U	94.8	40.4	43	48 - 130
2,4,6-Trichlorophenol	0.000	U	94.8	40.3	42	J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Duplicate - Batch: 660-108748

**Method: 8270C
Preparation: 3520C**

Lab Sample ID:	660-40613-L-2-A DU	Analysis Batch:	660-108844	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108748	Lab File ID:	1CD12014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	840 mL
Analysis Date:	04/12/2011 1631	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/11/2011 1151			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual	
Benzyl alcohol	2.8	U	3.5	NC	40	U
Bis(2-chloroethoxy)methane	1.9	U	2.4	NC	40	U
Bis(2-chloroethyl)ether	2.5	U	3.1	NC	40	U
bis(2 chloro-1-methylethyl) ether	2.0	U	2.5	NC	40	U
Bis(2-ethylhexyl) phthalate	1.2	U	1.5	NC	40	U
4-Bromophenyl phenyl ether	1.6	U	2.0	NC	40	U
Butyl benzyl phthalate	1.1	U	1.4	NC	40	U
4-Chloroaniline	2.0	U	2.5	NC	40	U
4-Chloro-3-methylphenol	1.6	U	2.0	NC	40	U
2-Choronaphthalene	1.5	U	1.9	NC	40	U
2-Chlorophenol	2.0	U	2.5	NC	40	U
4-Chlorophenyl phenyl ether	1.7	U	2.1	NC	40	U
Dibenzofuran	1.5	U	1.9	NC	40	U
1,2-Dichlorobenzene	1.0	U	1.3	NC	40	U
1,3-Dichlorobenzene	1.0	U	1.3	NC	40	U
1,4-Dichlorobenzene	1.1	U	1.4	NC	40	U
3,3'-Dichlorobenzidine	1.5	U	1.9	NC	40	U
2,4-Dichlorophenol	1.7	U	2.1	NC	40	U
Diethyl phthalate	2.4	U	3.0	NC	40	U
2,4-Dimethylphenol	1.7	U	2.1	NC	40	U
Dimethyl phthalate	2.4	U	3.0	NC	40	U
Di-n-butyl phthalate	2.4	U	3.0	NC	40	U
1,3-Dinitrobenzene	0.94	U	1.2	NC	40	U
4,6-Dinitro-2-methylphenol	1.4	U	1.8	NC	40	U
2,4-Dinitrophenol	5.9	U	7.4	NC	40	U
2,4-Dinitrotoluene	0.87	U	1.1	NC	40	U
2,6-Dinitrotoluene	0.69	U	0.86	NC	40	U
Di-n-octyl phthalate	2.4	U	3.0	NC	40	U
Hexachlorobenzene	1.6	U	2.0	NC	40	U
Hexachlorobutadiene	0.95	U	1.2	NC	40	U
Hexachlorocyclopentadiene	1.1	U	1.4	NC	40	U
Hexachloroethane	0.81	U	1.0	NC	40	U
Isophorone	1.3	U	1.7	NC	40	U
2-Methylphenol	2.2	U	2.7	NC	40	U
3 & 4 Methylphenol	2.3	U	2.9	NC	40	U
2-Nitroaniline	1.3	U	1.7	NC	40	U
3-Nitroaniline	1.1	U	1.4	NC	40	U
4-Nitroaniline	1.3	U	1.7	NC	40	U
Nitrobenzene	1.8	U	2.3	NC	40	U
2-Nitrophenol	1.1	U	1.4	NC	40	U
4-Nitrophenol	5.9	U	7.4	NC	40	U

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Duplicate - Batch: 660-108748

**Method: 8270C
Preparation: 3520C**

Lab Sample ID:	660-40613-L-2-A DU	Analysis Batch:	660-108844	Instrument ID:	BSMC5973
Client Matrix:	Water	Prep Batch:	660-108748	Lab File ID:	1CD12014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	840 mL
Analysis Date:	04/12/2011 1631	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/11/2011 1151			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual	
N-Nitrosodimethylamine	2.3	U	2.9	NC	40	U
N-Nitrosodi-n-propylamine	1.8	U	2.3	NC	40	U
N-Nitrosodiphenylamine	1.5	U	1.9	NC	40	U
Pentachlorophenol	1.4	U	1.8	NC	40	U
Phenol	2.3	U	2.9	NC	40	U
2,3,4,6-Tetrachlorophenol	0.62	U	0.77	NC	40	U
1,2,4-Trichlorobenzene	1.1	U	1.4	NC	40	U
2,4,5-Trichlorophenol	2.0	U	2.5	NC	40	U
2,4,6-Trichlorophenol	1.8	U	2.3	NC	40	U
Surrogate		% Rec		Acceptance Limits		
2-Fluorobiphenyl	31	J1		36 - 124		
2-Fluorophenol	24	J1		29 - 121		
Nitrobenzene-d5	28	J1		34 - 130		
Phenol-d6 (Surr)	23	J1		25 - 128		
Terphenyl-d14	20			14 - 148		
2,4,6-Tribromophenol	52			29 - 143		

Duplicate - Batch: 660-108748

**Method: 8270C
Preparation: 3520C**

Lab Sample ID:	660-40613-L-2-A DURA	Analysis Batch:	660-109004	Instrument ID:	BSMD5973
Client Matrix:	Water	Prep Batch:	660-108748	Lab File ID:	1DD15019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	840 mL
Analysis Date:	04/15/2011 1700	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/11/2011 1151	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual	
Acetophenone	1.4	U	1.8	NC	40	U
2-Acetylaminofluorene	0.73	U	0.92	NC	40	U
4-Aminobiphenyl	0.77	U	0.96	NC	40	U
Diallate	1.3	U	1.7	NC	40	U
2,6-Dichlorophenol	1.5	U	1.9	NC	40	U
7,12-Dimethylbenz(a)anthracene	0.88	U	1.1	NC	40	U
3,3'-Dimethylbenzidine	13	U	17	NC	40	U
Ethyl methanesulfonate	1.2	U	1.5	NC	40	U
Hexachloropropene	0.63	U	0.79	NC	40	U
Isosafrole	1.5	U	1.9	NC	40	U
Kepone	36	U	44	NC	40	U

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Duplicate - Batch: 660-108748

Method: 8270C

Preparation: 3520C

Lab Sample ID:	660-40613-L-2-A DURA	Analysis Batch:	660-109004	Instrument ID:	BSMD5973
Client Matrix:	Water	Prep Batch:	660-108748	Lab File ID:	1DD15019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	840 mL
Analysis Date:	04/15/2011 1700	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	04/11/2011 1151	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Methapyrilene	1.0 U	1.3	NC	40	U
3-Methylcholanthrene	0.53 U	0.67	NC	40	U
Methyl methanesulfonate	1.1 U	1.4	NC	40	U
1,4-Naphthoquinone	1.0 U	1.3	NC	40	U
1-Naphthylamine	0.80 U	1.0	NC	40	U
2-Naphthylamine	0.95 U	1.2	NC	40	U
N-Nitro-o-toluidine	0.86 U	1.1	NC	40	U
N-Nitrosodiethylamine	1.4 U	1.8	NC	40	U
N-Nitrosodi-n-butylamine	1.4 U	1.8	NC	40	U
N-Nitrosomethylalkylamine	1.5 U	1.9	NC	40	U
N-Nitrosopiperidine	0.83 U	1.0	NC	40	U
N-Nitrosopyrrolidine	1.1 U	1.4	NC	40	U
o,o',o"-Triethylphosphorothioate	1.7 U	2.1	NC	40	U
p-Dimethylamino azobenzene	0.64 U	0.80	NC	40	U
Pentachlorobenzene	0.94 U	1.2	NC	40	U
Pentachloronitrobenzene	1.4 U	1.8	NC	40	U
Phenacetin	0.80 U	1.0	NC	40	U
p-Phenylenediamine	3.0 U	3.7	NC	40	U
Pronamide	0.67 U	0.83	NC	40	U
Safrole, Total	1.1 U	1.4	NC	40	U
1,2,4,5-Tetrachlorobenzene	1.0 U	1.3	NC	40	U
2-Toluidine	1.1 U	1.4	NC	40	U
1,3,5-Trinitrobenzene	0.58 U	0.73	NC	40	U

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108721

Lab Sample ID:	MB 660-108721/1-A	Analysis Batch:	660-108741	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108721	Lab File ID:	11D11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2011 1252	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/11/2011 0651				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-108721

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 660-108721/1-A	Analysis Batch:	660-108741	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108721	Lab File ID:	11D11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2011 1252	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	04/11/2011 0651				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Arsenic	4.0	U	4.0	10
Cadmium	1.0	U	1.0	4.0
Chromium	2.0	U	2.0	10
Iron	50	U	50	200
Lead	2.0	U	2.0	10

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Lab Control Sample - Batch: 660-108721

Method: 6010B

Preparation: 3005A

Total Recoverable

Lab Sample ID:	LCS 660-108721/2-A	Analysis Batch:	660-108741	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108721	Lab File ID:	11D11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2011 1255	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/11/2011 0651				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	9.62	96	75 - 125	

Lab Control Sample - Batch: 660-108721

Method: 6010B

Preparation: 3005A

Total Recoverable

Lab Sample ID:	LCS 660-108721/2-A	Analysis Batch:	660-108741	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108721	Lab File ID:	11D11C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2011 1255	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	04/11/2011 0651				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	1000	991	99	75 - 125	
Cadmium	1000	998	100	75 - 125	
Chromium	1000	958	96	75 - 125	
Iron	1000	956	96	75 - 125	
Lead	1000	1020	102	75 - 125	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-108721

**Method: 6010B
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 660-40624-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/11/2011 1305
Prep Date: 04/11/2011 0651
Leach Date: N/A

Analysis Batch: 660-108741
Prep Batch: 660-108721
Leach Batch: N/A

Instrument ID: ICPC
Lab File ID: 11D11C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-40624-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/11/2011 1308
Prep Date: 04/11/2011 0651
Leach Date: N/A

Analysis Batch: 660-108741
Prep Batch: 660-108721
Leach Batch: N/A

Instrument ID: ICPC
Lab File ID: 11D11C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	101	99	75 - 125	0	20		

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-108721

**Method: 6010B
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 660-40624-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/11/2011 1305
Prep Date: 04/11/2011 0651
Leach Date: N/A

Analysis Batch: 660-108741
Prep Batch: 660-108721
Leach Batch: N/A

Instrument ID: ICPC
Lab File ID: 11D11C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-40624-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/11/2011 1308
Prep Date: 04/11/2011 0651
Leach Date: N/A

Analysis Batch: 660-108741
Prep Batch: 660-108721
Leach Batch: N/A

Instrument ID: ICPC
Lab File ID: 11D11C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	101	101	75 - 125	0	20		
Cadmium	101	101	75 - 125	0	20		
Chromium	96	96	75 - 125	0	20		
Iron	122	107	75 - 125	1	20		
Lead	100	101	75 - 125	0	20		

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108843

Method: 6010B

Preparation: 3005A

Total Recoverable

Lab Sample ID:	MB 660-108843/1-A	Analysis Batch:	660-108852	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108843	Lab File ID:	11D13C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/13/2011 1311	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/13/2011 0718				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-108843

Method: 6010B

Preparation: 3005A

Total Recoverable

Lab Sample ID:	MB 660-108843/1-A	Analysis Batch:	660-108852	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108843	Lab File ID:	11D13C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/13/2011 1311	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	04/13/2011 0718				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	PQL
Arsenic	4.0	U	4.0	10
Cadmium	1.0	U	1.0	4.0
Chromium	2.0	U	2.0	10
Iron	50	U	50	200
Lead	2.0	U	2.0	10

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Lab Control Sample - Batch: 660-108843

Method: 6010B

Preparation: 3005A

Total Recoverable

Lab Sample ID:	LCS 660-108843/2-A	Analysis Batch:	660-108852	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108843	Lab File ID:	11D13C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/13/2011 1314	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/13/2011 0718				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	9.98	100	75 - 125	

Lab Control Sample - Batch: 660-108843

Method: 6010B

Preparation: 3005A

Total Recoverable

Lab Sample ID:	LCS 660-108843/2-A	Analysis Batch:	660-108852	Instrument ID:	ICPC
Client Matrix:	Water	Prep Batch:	660-108843	Lab File ID:	11D13C.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/13/2011 1314	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	04/13/2011 0718				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	1000	974	97	75 - 125	
Cadmium	1000	1020	102	75 - 125	
Chromium	1000	970	97	75 - 125	
Iron	1000	1020	102	75 - 125	
Lead	1000	1060	106	75 - 125	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-108843****Method: 6010B****Preparation: 3005A****Total Recoverable**

MS Lab Sample ID: 660-40651-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/13/2011 1324
Prep Date: 04/13/2011 0718
Leach Date: N/A

Analysis Batch: 660-108852
Prep Batch: 660-108843
Leach Batch: N/A

Instrument ID: ICPC
Lab File ID: 11D13C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-40651-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/13/2011 1327
Prep Date: 04/13/2011 0718
Leach Date: N/A

Analysis Batch: 660-108852
Prep Batch: 660-108843
Leach Batch: N/A

Instrument ID: ICPC
Lab File ID: 11D13C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	102	100	75 - 125	1	20		

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-108843****Method: 6010B****Preparation: 3005A****Total Recoverable**

MS Lab Sample ID: 660-40651-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/13/2011 1324
Prep Date: 04/13/2011 0718
Leach Date: N/A

Analysis Batch: 660-108852
Prep Batch: 660-108843
Leach Batch: N/A

Instrument ID: ICPC
Lab File ID: 11D13C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-40651-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/13/2011 1327
Prep Date: 04/13/2011 0718
Leach Date: N/A

Analysis Batch: 660-108852
Prep Batch: 660-108843
Leach Batch: N/A

Instrument ID: ICPC
Lab File ID: 11D13C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	99	98	75 - 125	2	20		
Cadmium	102	101	75 - 125	1	20		
Chromium	97	96	75 - 125	1	20		
Iron	101	96	75 - 125	1	20		
Lead	105	103	75 - 125	2	20		

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108791**Method: 300.0****Preparation: N/A**

Lab Sample ID:	MB 660-108791/3	Analysis Batch:	660-108791	Instrument ID:	DIONEX 1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	10.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/11/2011 1007	Units:	mg/L	Final Weight/Volume:	5 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: 660-108791**Method: 300.0****Preparation: N/A**

Lab Sample ID:	LCS 660-108791/4	Analysis Batch:	660-108791	Instrument ID:	DIONEX 1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	11.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/11/2011 1041	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.9	109	90 - 110	

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-108791****Method: 300.0****Preparation: N/A**

MS Lab Sample ID:	660-40624-5	Analysis Batch:	660-108791	Instrument ID:	DIONEX 1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	34.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2011 1606			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	660-40624-5	Analysis Batch:	660-108791	Instrument ID:	DIONEX 1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	35.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2011 1617			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	100	101	90 - 110	0	30		

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108922**Method: 300.0****Preparation: N/A**

Lab Sample ID:	MB 660-108922/3	Analysis Batch:	660-108922	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:	04/13/2011 1150	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: 660-108922**Method: 300.0****Preparation: N/A**

Lab Sample ID:	LCS 660-108922/4	Analysis Batch:	660-108922	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:	04/13/2011 1217	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	10.3	103	90 - 110	

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-108922****Method: 300.0****Preparation: N/A**

MS Lab Sample ID:	660-40651-2	Analysis Batch:	660-108922	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	22.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/13/2011 1710			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	660-40651-2	Analysis Batch:	660-108922	Instrument ID:	DIONEX2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	23.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/13/2011 1737			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	107	118	90 - 110	5	30		J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-109006**Method: 300.0****Preparation: N/A**

Lab Sample ID:	MB 660-109006/10	Analysis Batch:	660-109006	Instrument ID:	DIONEX 1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	10.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/15/2011 1312	Units:	mg/L	Final Weight/Volume:	5 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: 660-109006**Method: 300.0****Preparation: N/A**

Lab Sample ID:	LCS 660-109006/11	Analysis Batch:	660-109006	Instrument ID:	DIONEX 1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	11.0000.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/15/2011 1323	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	9.96	100	90 - 110	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-109006****Method: 300.0****Preparation: N/A**

MS Lab Sample ID:	660-40651-4	Analysis Batch:	660-109006	Instrument ID:	DIONEX 1
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:	04/15/2011 1530			Final Weight/Volume:	50 mL
Prep Date:	N/A				1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	660-40651-4	Analysis Batch:	660-109006	Instrument ID:	DIONEX 1
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:	04/15/2011 1541			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	55	95	90 - 110	11	30	J3	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108948**Method: 350.1****Preparation: N/A**

Lab Sample ID:	MB 660-108948/11	Analysis Batch:	660-108948	Instrument ID:	LACHAT3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_4-14-2011_02-41-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	04/14/2011 1455	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: 660-108948**Method: 350.1****Preparation: N/A**

Lab Sample ID:	LCS 660-108948/12	Analysis Batch:	660-108948	Instrument ID:	LACHAT3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	OM_4-14-2011_02-41-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	04/14/2011 1456	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	0.502	100	90 - 110	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-108948****Method: 350.1****Preparation: N/A**

MS Lab Sample ID: 660-40624-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/14/2011 1458
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 660-108948
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: LACHAT3
Lab File ID: OM_4-14-2011_02-41-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-40624-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/14/2011 1500
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 660-108948
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: LACHAT3
Lab File ID: OM_4-14-2011_02-41-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	91	90	90 - 110	0	30		

Matrix Spike/**Matrix Spike Duplicate Recovery Report - Batch: 660-108948****Method: 350.1****Preparation: N/A**

MS Lab Sample ID: 660-40651-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/14/2011 1515
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 660-108948
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: LACHAT3
Lab File ID: OM_4-14-2011_02-41-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-40651-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 04/14/2011 1517
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 660-108948
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: LACHAT3
Lab File ID: OM_4-14-2011_02-41-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	86	87	90 - 110	0	30	J3	J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108882**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	MB 660-108882/1	Analysis Batch:	660-108882	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:	04/13/2011 1452	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: 660-108882**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	LCS 660-108882/2	Analysis Batch:	660-108882	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:	04/13/2011 1452	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	9810	98	80 - 120	

Duplicate - Batch: 660-108882**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	660-40600-A-8 DU	Analysis Batch:	660-108882	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:	04/13/2011 1453	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	230	242	3	20	

Quality Control Results

Client: Hillsborough County

Job Number: 660-40624-1

Method Blank - Batch: 660-108929**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	MB 660-108929/1	Analysis Batch:	660-108929	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:	04/14/2011 1245	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: 660-108929**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	LCS 660-108929/2	Analysis Batch:	660-108929	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:	04/14/2011 1245	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	9660	97	80 - 120	

Duplicate - Batch: 660-108929**Method: SM 2540C****Preparation: N/A**

Lab Sample ID:	660-40651-1	Analysis Batch:	660-108929	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:	04/14/2011 1247	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	120	116	0	20	

660-40624

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

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

LOCATION: BLANK, EQUIPMENT SAMPLE MATRIX: WATER OTHER MATRIX: _____
PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon J.Clark

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		250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC	2	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
4.7.11 | 10:00

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead
EPA 8260 EPA 8270

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

ABOVE LISTED SAMPLES:
RELINQUISHED BY: Accler REP. OF SOLID WASTE DEPT. 4.7.11 | 2:25
ACCEPTED BY: Carroll McMurtry REP. OF CONTRACT LAB. 4.7.11 | 2:25

COMMENT'S: _____

WG # 0042

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

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

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon S.Clayton

WELL DIAMETER: 2 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 43.40 Ft.

PURGE STARTED: 4.7.11 | 11:11

DEPTH TO WATER: 36.80 Ft.

PURGE RATE: 0.25 GPM.

LENGTH OF WATER COL: 12.4 Ft.

DATE | TIME

VOLUME TO PURGE: 2.02 Gal.

PURGE ENDED: 4.7.11 | 11:23

ACT. VOL. PURGED: 3.0 GAL.

FIELD PARAMETERS: Draw Down: 36.91

BY	TIME	TEMP	COND	PH	DO	TURB
AB AC	11:19	25.15	340	5.37	0.62	21.9
AB AC	11:21	25.97	335	5.34	0.61	19.6
AB AC	11:23	25.97	331	5.35	0.62	18.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	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	
2	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

9 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED

DATE | TIME

4.7.11 | 11:23

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

EPA 8260 EPA 8270

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

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: I Clayton REP. OF SOLID WASTE DEPT. 4.7.11 2:25
 ACCEPTED BY: Carl McPhatty REP. OF CONTRACT LAB. 4.7.11 2:25

COMMENT'S: _____

WB # 0042

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION : A.Balloon S.Clay

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	
	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
4.7.11 |

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:
 REINQUISITION BY: 1/2/11 REP. OF SOLID WASTE DEPT. 4.7.11 2:25
 ACCEPTED BY: Carrie M. Mullaney REP. OF CONTRACT LAB. 4.7.11 2:25

COSENT'S: _____

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: REP. OF CONTRACT LAB. |

ACCEPTED BY: REP. OF SOLID WASTE DEPT. |

LOCATION: TH-19 WACS# 821 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon S.Clugan

WELL DIAMETER: 2.0 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 153.60 Ft. PURGE STARTED: 4.7.11 12:37

DEPTH TO WATER: 105.44 Ft. PURGE RATE: 1.00 GPM.

LENGTH OF WATER COL: 48.14 Ft. DATE | TIME

VOLUME TO PURGE: 7.70 Gal. PURGE ENDED: 4.7.11 11:48

ACT. VOL. PURGED: 11 GAL.

FIELD PARAMETERS: Draw Down: 105.45

BY	TIME	TEMP	COND	PH	DO	TURB
AB Sc	12:44	23.47	419	7.31	0.40	0.3
AB Sc	12:44	23.47	419	7.32	0.39	0.2
AB Sc	12:48	23.46	419	7.32	0.39	0.3

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	
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

4.7.11 11:48

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES: DATE | TIME

RELINQUISHED BY: b Clugan REP. OF SOLID WASTE DEPT. 4.7.11 2:25

ACCEPTED BY: Paul M. Multy REP. OF CONTRACT LAB. 4.7.11 2:25

COMMENT'S: _____

W000042

3.8°C air 07

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____

LOCATION: TH-40 WACS# 822 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon J.Clayton

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 165.90 Ft.

PURGE STARTED: 4.7.11 | 10:31

DEPTH TO WATER: 103.35 Ft.

PURGE RATE: 1.0 GPM.

LENGTH OF WATER COL: 02.65 Ft.

DATE | TIME

VOLUME TO PURGE: 10.01 Gal.

PURGE ENDED: 4.7.11 | 10:45

ACT. VOL. PURGED: 14 GAL.

FIELD PARAMETERS: Draw Down: 103.35

BY	TIME	TEMP	COND	PH	DO	TURB
ABJC	10:41	23.46	390	7.50	0.40	0.3
ABJC	10:43	23.48	388	7.51	0.40	0.4
ABJC	10:45	23.46	387	7.51	0.39	0.4

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
4.7.11 | 10:45

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: J. Clayt REP. OF SOLID WASTE DEPT. 4.7.11 | 2:25

ACCEPTED BY: Carl McNulty REP. OF CONTRACT LAB. 4.7.11 | 2:25

COMMENT'S: _____

WOT 0042

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

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

LOCATION: TH-42 WACS# 823 SAMPLE MATRIX: WATER OTHER MATRIX: _____
 PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon C.Clayton

WELL DIAMETER: <u>2.0</u> INCH:	PURGE STARTED: <u>4.7.11 11:56</u>	DATE TIME
TOTAL DEPTH OF WELL: <u>164</u> Ft.	PURGE RATE: <u>0.60</u> GPM.	DATE TIME
DEPTH TO WATER: <u>84.25</u> Ft.	PURGE ENDED: <u>4.7.11 12:21</u>	ACT. VOL. PURGED: <u>15</u> GAL.
LENGTH OF WATER COL: <u>79.75</u> Ft.		
VOLUME TO PURGE: <u>12.74</u> Gal.		

FIELD PARAMETERS: Draw Down 1108.66

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	12:17	23.74	524	7.19	0.34	17.3
AB SC	12:19	23.74	524	7.21	0.37	16.6
AB SC	12:21	23.72	526	7.20	0.34	16.4

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
4.7.11 12:21

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:
 RELINQUISHED BY: A.Clinton REP. OF SOLID WASTE DEPT. DATE | TIME
 ACCEPTED BY: Carol McMurtry REP. OF CONTRACT LAB. 4.7.11 2:25 4.7.11 2:25

COMMENT'S: _____

W0 R 0042

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

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

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon C

WELL DIAMETER: 2 INCH:
 TOTAL DEPTH OF WELL: 190.00 Ft. PURGE STARTED: 4.7.11 11:07
 DEPTH TO WATER: 111.19 Ft. PURGE RATE: 0.60 GPM.
 LENGTH OF WATER COL: 78.81 Ft. DATE | TIME
 VOLUME TO PURGE: 12.61 Gal. PURGE ENDED: 4.7.11 11:32
 ACT. VOL. PURGED: GAL.

FIELD PARAMETERS: Draw Down: 111.22

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	11:28	23.13	808	7.32	0.91	4.8
AB SC	11:30	23.13	810	7.35	0.91	4.4
AB SC	11:32	23.13	810	7.35	0.92	4.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
2	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	
1	LITER PLASTIC		LITER PLASTIC	
1	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 9 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens _____

COLLECTED
 DATE | TIME
4.7.11 11:32

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS IRON ARSENIC CADMIUM CHROMIUM LEAD

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

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: A. Clayton REP. OF SOLID WASTE DEPT. 4.7.11 2:25

ACCEPTED BY: Craig McMurtry REP. OF CONTRACT LAB. 4.7.11 2:25

COMMENT'S: _____

LO040042

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

BLANK, TRAVEL

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____

LOCATION: BLANK, TRAVEL SAMPLE MATRIX: WATER OTHER MATRIX: _____
PERSONAL ENGAGED IN SAMPLE COLLECTION: A.Balloon J.Clyt

CONTAINER CODE:

<u>NO. COL.</u>	<u>TYPE</u>	<u>PRESERVATIVE</u>	<u>CONTAINER TYPE</u>	<u>COLLECTED</u>
2	VOC	1:1 HCL	2-40 ml. SEPTUM VIAL	4.7.11 16:00h
<u>TOTAL NO. OF SAMPLES COLLECTED:</u>				

ANALYSIS REQUESTED:

EPA 8260

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

ABOVE LISTED SAMPLES: _____ DATE | TIME
RELINQUISHED BY: J.Clyt REP. OF SOLID WASTE DEPT. 4.7.11 2:25
ACCEPTED BY: Caloricity REP. OF CONTRACT LAB. 4.7.11 2:25

COMMENT'S: _____

W01#0042

160-40651

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____

LOCATION: TH-28A WACS# 19862 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: 34.30 Ft.

PURGE STARTED: 4.6.11 | 10:18

DEPTH TO WATER: 27.90 Ft.

PURGE RATE: 0.25 GPM.

LENGTH OF WATER COL: 6.40 Ft.

DATE | TIME

VOLUME TO PURGE: 1.02 Gal.

PURGE ENDED: 4.6.11 | 10:24

ACT. VOL. PURGED: 2 GAL.

FIELD PARAMETERS: Draw Down: 28.54

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	10:22	24.11	244	5.34	0.45	3.4
AB SC	10:24	24.16	240	5.30	0.44	4.0
AB SC	10:24	24.19	240	5.30	0.43	4.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
1	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

4.8.11 | 10:26

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:

DATE | TIME

RELINQUISHED BY: S. Clayton REP. OF SOLID WASTE DEPT. 4.8.11 | 1:15

ACCEPTED BY: Chris Mc Nulty REP. OF CONTRACT LAB. 4.8.11 | 1:15

COMMENT'S:

COO # 0042

4.2° C COO7

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

LOCATION: SUP 2 WACS# 27756 SAMPLE MATRIX: WATER OTHER MATRIX: _____
 PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon J.Clayton

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 4.8.11 TIME 10:58
 ACTUAL PURGE TIME: 19 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	11:13	24.46	359	7.49	0.05	0.0
AB JC	11:15	24.46	359	7.56	0.05	0.1
AB JC	11:17	24.46	359	7.50	0.05	0.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
1	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
4.8.11 11:17

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: J. Clayton DATE | TIME 4.8.11 11:15
 ACCEPTED BY: Carrie McNaughton REP. OF CONTRACT LAB. 4.8.11 11:15

COMMENT'S: _____
W0FF 0042

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

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

LOCATION: SUP 1 WACS# 27755 SAMPLE MATRIX: WATER OTHER MATRIX: _____
 PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon J.Claytor

WELL VOLUME TO PURGE: 15 MIN: PURGE STARTED: DATE 4.8.11 TIME 11:24
 ACTUAL PURGE TIME: 19 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB SC	11:39	24.50	354	7.53	0.04	0.0
AB SC	11:41	24.53	354	7.53	0.05	0.0
AB SC	11:43	24.54	354	7.53	0.04	0.0

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
4.8.11 | 11:43

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:
 RELINQUISHED BY: J. Claytor DATE | TIME
 ACCEPTED BY: CHAN McWILLIAMS REP. OF SOLID WASTE DEPT. 4.8.11 11:15
 REP. OF CONTRACT LAB. 4.8.11 11:15

COMMENT'S: W0 # 0042

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

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

LOCATION: TH-30 WACS# 1065 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon J.Cigh

WELL DIAMETER: <u>2.00</u>	INCH:	DATE TIME
TOTAL DEPTH OF WELL: <u>46.19</u>	Ft.	PURGE STARTED: <u>4.8.11 9:16</u>
DEPTH TO WATER: <u>23.95</u>	Ft.	PURGE RATE: <u>0.25</u> GPM.
LENGTH OF WATER COL: <u>22.24</u>	Ft.	DATE TIME
VOLUME TO PURGE: <u>3.54</u>	Gal.	PURGE ENDED: <u>4.8.11 9:34</u>
		ACT. VOL. PURGED: <u>4.5</u> GAL.

FIELD PARAMETERS: Draw Down: 24.20

BY	TIME	TEMP	COND	PH	DO	TURB
AB 3c	9:30	23.62	241	4.70	0.21	2.4
AB 3c	9:32	23.62	242	4.70	0.19	2.4
AB b2	9:34	23.62	242	4.69	0.19	2.3

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
4.8.11 | 9:34

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES:

RELINQUISHED BY: A. Clate REP. OF SOLID WASTE DEPT. DATE | TIME
 ACCEPTED BY: Carol McMurtry REP. OF CONTRACT LAB. 4.8.11 | 9:15
4.8.11 | 9:15

COMMENT'S: H₂S odor
water 0042

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

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

LOCATION: TH-58 WACS# 1571 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION A.Balloon C.Clayton D.McMullan E.

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 32.92 Ft. PURGE STARTED: 4.8.11 19:50 DATE | TIME

DEPTH TO WATER: 27.57 Ft. PURGE RATE: 0.25 GPM.

LENGTH OF WATER COL: 5.95 Ft. DATE | TIME

VOLUME TO PURGE: 0.84 Gal. PURGE ENDED: 4.8.11 10:05 ACT. VOL. PURGED: 4 GAL.

FIELD PARAMETERS: Draw Down: 28.37

BY	TIME	TEMP	COND	PH	DO	TURB
AB AC	10:02	25.35	448	5.73	0.24	0.9
AB AC	10:04	25.35	463	5.72	0.29	0.9
AB AC	10:06	25.34	459	5.73	0.28	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
4.8.11 10:06

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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. 4.8.11 11:15 DATE | TIME

ACCEPTED BY: Carroll McMullan REP. OF CONTRACT LAB. 4.8.11 11:15

COMMENT'S: _____

water 0042

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

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

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

PERSONAL ENGAGED IN SAMPLE COLLECTION D.A.Balloon C.J.Clark

WELL DIAMETER: 2.0 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 26.83 Ft. PURGE STARTED: 4.8.11 | 10:37

DEPTH TO WATER: 19.50 Ft. PURGE RATE: 0.25 GPM.

LENGTH OF WATER COL: 7.33 Ft. DATE | TIME

VOLUME TO PURGE: 1.17 Gal. PURGE ENDED: 4.8.11 | 10:46

ACT. VOL. PURGED: 2.25 GAL.

FIELD PARAMETERS: Draw Down 20.50

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	10:42	25.57	171	5.13	0.20	0.5
AB JC	10:44	25.57	183	5.14	0.19	0.4
AB JC	10:46	25.56	187	5.18	0.19	0.4

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
1	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

4.8.11 | 10:44

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

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

ABOVE LISTED SAMPLES: _____ DATE | TIME

RELINQUISHED BY: C.J.Clark REP. OF SOLID WASTE DEPT. 4.8.11 | 1:15

ACCEPTED BY: Carol McMullin REP. OF CONTRACT LAB. 4.8.11 | 1:15

COMMENT'S: _____

WC # 0042

Login Sample Receipt Checklist

Client: Hillsborough County

Job Number: 660-40624-1

Login Number: 40624

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	3.8 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

Job Number: 660-40624-1

Login Number: 40651

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	4.2 degrees C CU-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	